

## Xcelite® Table of Contents

Xcelite®, founded in 1921, produces high quality tools for professional use. They are known throughout the electronics industry for a comprehensive line of screwdrivers, nutdrivers, convertible nutdriver/ screwdriver sets, interchangeable blade drivers, service tools and kits, pliers and cutters, shears, snips, wire strippers and wrenches. And now we've added Xcelite high quality tools for the electronic, electrical and telecommunication industries around the world, including crimping tools, and stripping tools for coaxial, optical and electrical cable.

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### FEATURE CODES

E = (Prefix) "Accu-Lite" Grips  
V = Blister carded  
J = Flush cutting edges  
K = Semi-flush cutting edges  
S = Coil spring  
W = Wire lead catcher  
G = Smooth jaws

"Many features are available on most Xcelite® products as a special for a small charge."

### ACCU-LITE GRIPS

Many models are available with cushion handles for greater comfort and ease to the user.

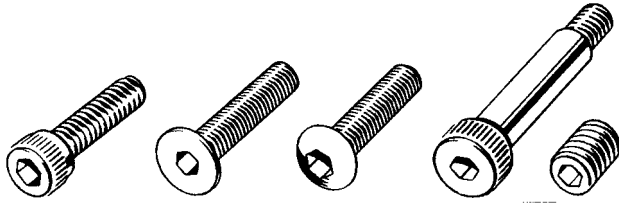
### XCELITE PACKAGING

Certain tools are available in a special, hanging display package. To order, add suffix "V." Example R184V is carded, R184 is not carded.

Phillips® is a registered trademark of The Phillips Screw Co.  
Torx® is the trademark of Camcar Division of Textron Inc.  
Allen® is a registered trademark of Holo Krane, Technology Corp.  
Pozidriv® is a registered trademark of Camcar Division of Textron, Inc.  
Belden® is a registered trademark of Belden, Inc.

# Xcelite® Tool Selection Guide

## Allen® Type Hex Socket Screws



Xcelite driver  
or blade

| Cap screws<br>1960<br>series<br>Nominal screw sizes | 1936<br>series | Flat head<br>cap screws | Button head<br>cap screws | Shoulder<br>screws | Set<br>screws | Catalog<br>number         | Hex<br>size<br>(inches) |
|-----------------------------------------------------|----------------|-------------------------|---------------------------|--------------------|---------------|---------------------------|-------------------------|
| -                                                   | -              | -                       | -                         | -                  | 0             | <b>P18</b>                | .028                    |
| -                                                   | -              | 0                       | 0                         | -                  | 1&2           | <b>P19</b>                | .035                    |
| 0                                                   | 0&1            | 1&2                     | 1&2                       | -                  | 3&4           | <b>LN20, P20, 9920</b>    | .050                    |
| 1                                                   | 2              | 3&4                     | 3&4                       | -                  | 5&6           | <b>LN21, P21, 9921</b>    | 1/16                    |
| 2&3                                                 | 3&4            | 5&6                     | 5&6                       | -                  | 8             | <b>LN22, P22, 9922</b>    | 5/64                    |
| 4&5                                                 | 5&6            | 8                       | 8                         | -                  | 10            | <b>LN23, P23, 9923</b>    | 3/32                    |
| 6                                                   | -              | -                       | -                         | -                  | -             | <b>LN764, P764, 99764</b> | 7/64                    |
| -                                                   | 8              | 10                      | 10                        | 1/4                | 1/4           | <b>LN24, P24, 9924</b>    | 1/8                     |
| 8                                                   | -              | -                       | -                         | -                  | -             | <b>LN964, P964, 99964</b> | 9/64                    |
| 10                                                  | 10&12          | 1/4                     | 1/4                       | 5/16               | 5/16          | <b>LN25, 9925</b>         | 5/32                    |
| 1/4                                                 | 1/4            | 5/16                    | 5/16                      | 3/8                | 3/8           | <b>LN26, 9926</b>         | 3/16                    |
| -                                                   | 5/16           | 3/8                     | 3/8                       | -                  | 7/16          | <b>LN27</b>               | 7/32                    |
| 5/16                                                | -              | 7/16                    | -                         | 1/2                | 1/2           | <b>LN28</b>               | 1/4                     |

Note:

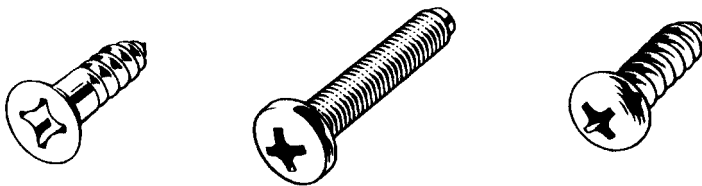
P Series = midjet drivers in PS89 sets.

LN Series = fixed handle drivers. Same size available also in LN20BP through LN28BP ballpoint fixed handle drivers.

Series 99® = interchangeable blades. Same sizes available also in 9920BP through 9926BP ballpoint blades.

See also offset ratchet screwdriver sets.

## Phillips® Type Screws



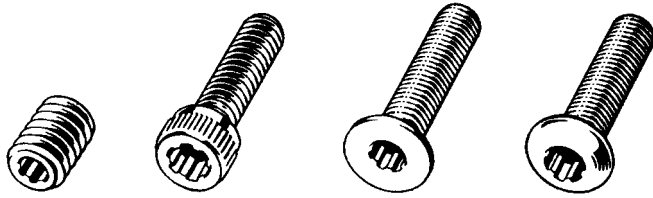
Xcelite driver  
or blade

| Wood screw   |          | Machine screw           |                    | Sheetmetal                 | Flat, round<br>oval, stove<br>binding | Point<br>size | Blade<br>diameter<br>(inches) |
|--------------|----------|-------------------------|--------------------|----------------------------|---------------------------------------|---------------|-------------------------------|
| Flat<br>oval | Round    | Flat<br>oval<br>binding | Round<br>fillister | Truss<br>brazier<br>button |                                       |               |                               |
| 0.1          | 0.1      | 0.1                     | 0.1                | -                          | -                                     | 0             | 1/8                           |
| 2, 3, 4      | 2, 3, 4  | 2, 3, 4                 | 2, 3, 4            | 2, 3, 4, 5                 | 2, 3, 4                               | 1             | 3/16                          |
| 5, 6, 7      | 5, 6, 7  | 5, 6, 8                 | 5, 6, 8            | 6, 8, 10                   | 5, 6, 7                               |               |                               |
| 8, 9         | 8, 9, 10 | 10                      | 10                 |                            | 8, 10                                 | 2             | 1/4                           |
| 10, 12       | 12, 14   | 12, 1/4"                | 12, 1/4"           | 12, 1/4"                   | 12, 14                                |               |                               |
| 14, 16       | 16       |                         | 5/16"              |                            |                                       | 3             | 5/16                          |
| 18, 20       | 18, 20   | 5/16", 3/8"             | 3/8", 7/16"        | 5/16", 3/8"                | -                                     |               |                               |
| 24           | 24       | 7/16", 1/2"             | 1/2"               | 7/16", 1/2"                |                                       | 4             | 3/8                           |

Note: See fixed handle drivers; compact convertible sets; Series 99® sets and interchangeable blades; combination reversible drivers, kits, and blades, offset ratchet screwdriver sets.

## Xcelite® Tool Selection Guide

### Bristol Type Multiple-spline Socket Screws

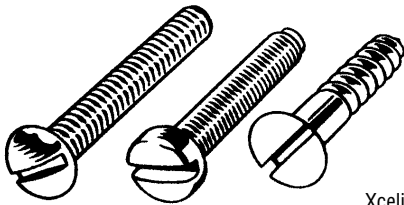


Xcelite blade

| Set screws  | Cap screws<br>1960 series | Flat head   | Button head | Catalog<br>number | Tip size<br>(inches) | Number<br>of flutes |
|-------------|---------------------------|-------------|-------------|-------------------|----------------------|---------------------|
| No. 2-No. 3 | -                         | No. 0       | No. 0       | <b>9961</b>       | .048                 | 6                   |
| No. 4       | No. 0                     | No. 1-No. 2 | No. 1-No. 2 | <b>9962</b>       | .060                 | 6                   |
| No. 5       | -                         | -           | -           | <b>9963</b>       | .069                 | 4                   |
| No. 5-No. 6 | No. 1                     | No. 3-No. 4 | 99-64       | <b>9964</b>       | .072                 | 6                   |
| No. 6       | -                         | -           | -           | <b>9965</b>       | .076                 | 4                   |
| No. 8       | No. 2-No. 3               | No. 5-No. 6 | No. 5-No. 6 | <b>9966</b>       | .096                 | 6                   |
| No. 10      | No. 4-No. 5               | No. 8       | No. 8       | <b>9967</b>       | .111                 | 6                   |
| 1/4"        | -                         | No. 10      | No. 10      | -                 | .145                 | 6                   |
| 5/16"       | No. 10                    | 1/4"        | 1/4"        | <b>9969</b>       | .183                 | 6                   |

Note: See 99PS-60 compact interchangeable blade set and Series 99® blades.

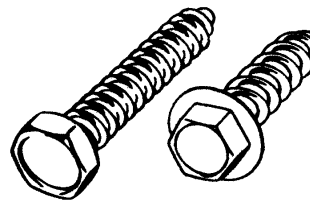
### Slotted Screws

Xcelite driver  
or blade

| Screw size | Tip size<br>(inches) |
|------------|----------------------|
| 0          | 3/32                 |
| 1          | 3/32                 |
| 2          | 1/8                  |
| 3          | 5/32                 |
| 4          | 3/16                 |
| 5          | 3/16                 |
| 6          | 1/4                  |
| 7          | 1/4                  |
| 8          | 5/16                 |
| 9          | 5/16                 |
| 10         | 5/16                 |
| 12         | 3/8                  |
| 14         | 3/8                  |
| 16         | 7/16                 |
| 18         | 7/16                 |

Note: See round and square blade fixed handle drivers, compact convertible sets, Series 99® kits and interchangeable blades, combination reversible blade drivers and kits, offset ratchet screwdriver sets.

### Hex Head Screws

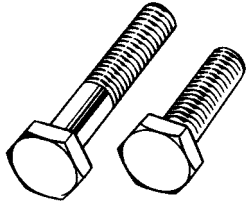
Xcelite driver  
or blade

| Screw size | Screw diameter<br>(inches) | Number* | Hex opening<br>(inches) |
|------------|----------------------------|---------|-------------------------|
| 1          | .073                       | 4       | 1/8                     |
| 2          | .086                       | 4       | 1/8                     |
| 3          | .099                       | 6       | 3/16                    |
| 4          | .112                       | 6       | 3/16                    |
| 5          | .125                       | 6       | 3/16                    |
| 6          | .138                       | 8       | 1/4                     |
| 7          | .151                       | 8       | 1/4                     |
| 8          | .164                       | 8       | 1/4                     |
| 10         | .190                       | 10      | 5/16                    |
| 12         | .216                       | 10      | 5/16                    |
| 1/8        | .250                       | 12      | 3/8                     |
| 1/8        | .312                       | 16      | 1/2                     |
| 1/8        | .375                       | 18      | 9/16                    |

\*See fixed handle drivers catalog numbers with or without prefix P, HS, A or AA, magnetic nutdrivers with suffix M; and Series 99® blades with prefix 99.

# Xcelite® Tool Selection Guide

## Hex Head Bolts and Hex Head Cap Screws

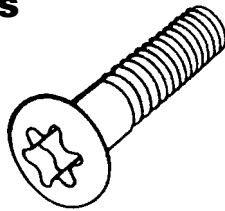


Xcelite  
nutdriver or blade

| Bolt or screw size | Number* | Hex opening (inches) |
|--------------------|---------|----------------------|
| 1/4                | 14      | 7/16                 |
| 5/16               | 16      | 1/2                  |
| 3/8                | 18      | 9/16                 |
| 7/16               | 20      | 5/8                  |
| 1/2                | 24      | 3/4                  |

\*See fixed handle drivers catalog numbers with or without prefix P, HS, A, or AA; Magnetic nutdrivers with suffix M; and Series 99® blades with prefix 99.

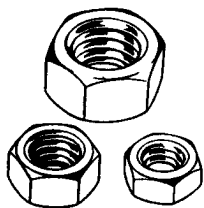
## Torx Screws



Xcelite  
Driver

| Torx size | Catalog Number |
|-----------|----------------|
| T8        | XTD8           |
| T10       | XTD10          |
| T15       | XTD15          |
| T20       | XTD20          |
| T25       | XTD25          |
| T27       | XTD27          |
| T30       | XTD30          |

## Hex Nuts

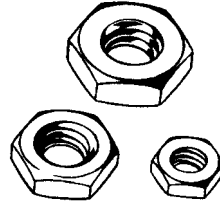


Xcelite  
nutdriver or blade

| Nut size | Number* | Hex opening (inches) |
|----------|---------|----------------------|
| 1/4      | 14      | 7/16                 |
| 5/16     | 16      | 1/2                  |
| 3/8      | 18      | 9/16                 |
| 7/16     | 22      | 11/16                |
| 1/2      | 24      | 3/4                  |

\*See fixed handle drivers catalog numbers with or without prefix P, HS, A, or AA; Magnetic nutdrivers with suffix M; and Series 99® blades with prefix 99.

## Hex Machine Screw Nuts

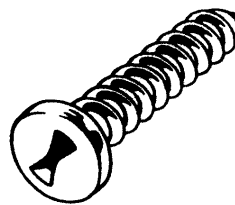


Xcelite  
nutdriver or blade

| Nut size | For screw diameter | Number* | Hex opening (inches) |
|----------|--------------------|---------|----------------------|
| 0        | .060               | 5       | 5/32                 |
| 1        | .073               | 5       | 5/32                 |
| 2        | .086               | 6       | 3/16                 |
| 3        | .099               | 6       | 3/16                 |
| 4        | .112               | 8       | 1/4                  |
| 5        | .125               | 10      | 5/16                 |
| 6        | .138               | 10      | 5/16                 |
| 8        | .164               | 11      | 11/32                |
| 10       | .190               | 12      | 3/8                  |
| 12       | .216               | 14      | 7/16                 |
| 1/4      | .250               | 14      | 7/16                 |
| 5/16     | .312               | 18      | 9/16                 |
| 3/8      | .375               | 20      | 5/8                  |

\*See fixed handle drivers catalog numbers with or without prefix P, HS, A or AA, magnetic nutdrivers with suffix M; and Series 99® blades with prefix 99.

## Clutch Head Screws



Xcelite driver  
or blade

| Screw size | Tip size (inches) |
|------------|-------------------|
| 2          | 3/32              |
| 3          | 3/32              |
| 4          | 3/32-1/8          |
| 6          | 1/8-5/32          |
| 8          | 5/32              |
| 10         | 5/32-3/16         |
| 12         | 3/16-1/4          |
| 14, 1/4    | 1/4               |
| 1/4        | 5/16              |
| 1/4        | 5/16              |

Note: See fixed handle drivers, Series 99® interchangeable blades, and combination reversible tools.

## XP1 Cordless Driver



XP1 kit contains a driver, battery, battery charger, 3 bits, and 1 adapter for use with all Xcelite® Series 99® interchangeable bits

### Features:

- Multi-stage clutch
- 2-speed control: Low speed of 180 RPMs; High speed of 360 RPMs
- 3.6v Nickel-Cadmium battery
- Battery charger for a quick 1 hour charge
- UL and cUL approved charger
- Motor: 3.6v DC
- Maximum clutch torque: Low 28.5 in. lbs.; High 14 in. lbs.
- Overall driver length is 10.8"

| Cat No.       | UPC No.      | Packed | Description                                     | Pack Wt. |      | Shelf Pack |
|---------------|--------------|--------|-------------------------------------------------|----------|------|------------|
|               |              |        |                                                 | lb       | kg   |            |
| <b>XP1</b>    | 037103142191 | Boxed  | Cordless driver kit with battery, charger, bits | 2.6      | 1.16 | 1          |
| <b>XP1B</b>   | 037103142177 | Carded | Battery for cordless driver                     | 0.4      | 0.18 | 1          |
| <b>XP1CHG</b> | 037103165329 | Boxed  | Battery charger for cordless driver             | 0.7      | 0.34 | 1          |

## Precision Electronic Screwdriver Sets



- ESD safe to provide protection to ESD sensitive items
- Chrome-molybdenum vanadium steel blades provide superior strength
- Fast turning swivel caps w/cavity provides optimum control for precise centering
- Black oxide tips for longer wear life
- No-roll handle design keeps drivers from rolling off uneven surfaces
- Storage case provides a home and keeps drivers safe

| Cat No.        | UPC No.      | Packed | Description                                                         | Shelf Pack |
|----------------|--------------|--------|---------------------------------------------------------------------|------------|
| <b>XP600</b>   | 037103157513 | Boxed  | 6 piece ESD safe slotted/Phillips screwdriver set with storage case | 1          |
| <b>XPTX600</b> | 037103157720 | Boxed  | 6 piece ESD safe Torx screwdriver set with storage case             | 1          |

### XP600 contains 1 each of:

- 1.5mm x 60mm slotted tip screwdriver
- 2.0mm x 60mm slotted tip screwdriver
- 2.5mm x 60mm slotted tip screwdriver
- 3.0mm x 60mm slotted tip screwdriver
- #0 point Phillips tip screwdriver
- #00 point Phillips tip screwdriver

### XPTX600 contains 1 each of:

- #5 point standard Torx tip screwdriver
- #6 point standard Torx tip screwdriver
- #7 point tamper-proof standard Torx tip screwdriver
- #8 point tamper-proof standard Torx tip screwdriver
- #10 point tamper-proof standard Torx tip screwdriver
- #15 point tamper-proof standard Torx tip screwdriver

## Precision Electronic Screwdriver Sets

- Superior overall design for maximum control, accuracy and durability
- Chrome-molybdenum vanadium steel blades
- Fast-turning swivel caps with cavity for precise centering
- Precision tolerance black tips
- No-roll handle design

| Kit Contents  |               |
|---------------|---------------|
| XP400         | XP700         |
| 1.5mm Slotted | 1.5mm Slotted |
| 2.5mm Slotted | 2.0mm Slotted |
| 3.0mm Slotted | 2.5mm Slotted |
| #0 Phillips®  | 3.0mm Slotted |
|               | #00 Phillips® |
|               | #0 Phillips®  |
|               | #1 Phillips®  |

XP700

XP400

| Cat No. | UPC No.      | Packed    | Description | Shelf Pack |
|---------|--------------|-----------|-------------|------------|
| XP400   | 037103126733 | Clamshell | 4 piece set | 1          |
| XP700   | 037103126832 | Clamshell | 7 piece set | 1          |

## Pro-Series Electronic Screwdrivers and Sets

- The handle core is made of hard shockproof plastic for durability, while the outer coating is soft rubber for comfort and slip resistance
- ESD safe hard plastic core to protect sensitive components
- The handles are ergonomically designed, allowing sustained high torque with minimal slippage and muscle fatigue
- Smooth shatterproof seamless handle cap for minimal friction between hand and handle when screwdriver is being turned
- Narrow pinch grip for comfort and control
- Thumb bolster allows added downward force
- Satin finish chrome molybdenum steel shafts provide durability
- Specially treated black oxide tips eliminate light reflection



| Cat No. | UPC No.      | Packed | Blade Type | Blade Diameter |      | Blade Length |        | Shelf Pack |
|---------|--------------|--------|------------|----------------|------|--------------|--------|------------|
|         |              |        |            | Inch           | mm   | Inch         | mm     |            |
| XPE101  | 037103153944 | Boxed  | Phillips®  | 3/16           | 4.76 | 3            | 76.20  | 12         |
| XPE102  | 037103153869 | Boxed  | Phillips®  | 1/4            | 6.35 | 4            | 101.60 | 12         |
| XPE144  | 037103153913 | Boxed  | Slotted    | 1/4            | 6.35 | 4            | 101.60 | 12         |
| XPE184  | 037103153906 | Boxed  | Slotted    | 1/8            | 3.18 | 4            | 101.60 | 12         |
| XPE3166 | 037103153920 | Boxed  | Slotted    | 3/16           | 4.76 | 6            | 152.40 | 12         |
| XPE5166 | 037103153937 | Boxed  | Slotted    | 5/16           | 7.94 | 6            | 152.40 | 12         |
| XPE5324 | 037103153890 | Boxed  | Slotted    | 5/32           | 3.97 | 4            | 101.60 | 12         |
| XPES102 | 037103153883 | Boxed  | Slotted    | 1/4            | 6.35 | 1 5/16       | 33.34  | 12         |
| XPES141 | 037103153876 | Boxed  | Slotted    | 1/4            | 6.35 | 1 1/4        | 31.75  | 12         |

### Screwdriver Sets

| Cat No. | UPC No.      | Packed              | Contents                                                  | Shelf Pack |
|---------|--------------|---------------------|-----------------------------------------------------------|------------|
| XPE500  | 037103183323 | Hanging Display Box | XPE101, XPE102, XPE3166, XPE144, XPE184                   | 1          |
| XPE700  | 037103153838 | Hanging Display Box | XPE101, XPE102, XPE3166, XPE144, XPE184, XPE5324, XPE5166 | 1          |

## Screwdrivers for Slotted Screws

Except where otherwise noted, all blades are AISI 6150 chrome vanadium steel, plated for protection.

### Pocket Clip Style - Round Blade



- Blade made from AISI 6150 chrome vanadium steel

| Cat No. | UPC No.      | Packed | Blade Diameter |  | Length |     | Screwdriver Length |     | Shelf Pack |
|---------|--------------|--------|----------------|--|--------|-----|--------------------|-----|------------|
|         |              |        | Inch           |  | Inch   | mm  | Inch               | mm  |            |
| R3322   | 037103485656 | Boxed  | 3/32           |  | 2      | 51  | 4 1/4              | 108 | 12         |
| R3322V  | 037103485663 | Carded | 3/32           |  | 2      | 51  | 4 1/4              | 108 | 12         |
| R3323   | 037103485670 | Boxed  | 3/32           |  | 3      | 76  | 5 1/4              | 133 | 12         |
| R3323V  | 037103488725 | Carded | 3/32           |  | 3      | 76  | 5 1/4              | 133 | 6          |
| R3324   | 037103485687 | Boxed  | 3/32           |  | 4      | 102 | 6 1/4              | 159 | 12         |
| R3324V  | 037103488732 | Carded | 3/32           |  | 4      | 102 | 6 1/4              | 159 | 6          |
| R181    | 037103485458 | Boxed  | 1/8            |  | 2      | 51  | 4 1/4              | 108 | 12         |
| R181V   | 037103485465 | Carded | 1/8            |  | 2      | 51  | 4 1/4              | 108 | 12         |
| R183    | 037103485489 | Boxed  | 1/8            |  | 3      | 76  | 5 1/4              | 133 | 6          |
| R183V   | 037103488688 | Carded | 1/8            |  | 3      | 76  | 5 1/4              | 133 | 6          |

### Display Cards



- Xcelite® Catalog No. 18120 consists of 20 each R181 pocket clip screwdrivers on display card
- Xcelite® Catalog No. 33220 consists of 20 each R3322 pocket clip screwdrivers on display card
- Xcelite® Catalog No. P12S20 consists of 20 each P12S pocket clip screwdrivers on display card

| Cat No.       | UPC No.      | Description        | Shelf Pack |
|---------------|--------------|--------------------|------------|
| <b>18120</b>  | 037103483676 | Card - 20 of R181  | 1          |
| <b>33220</b>  | 037103483683 | Card - 20 of R3322 | 1          |
| <b>P12S20</b> | 037103484864 | Card - 20 of P12S  | 1          |

## Regular - Round Blade



| Cat No. | UPC No.      | Packed | Blade diameter<br>Inch | Blade length<br>Inch | mm  | Screwdriver length<br>Inch | mm  | Shelf<br>Pack |
|---------|--------------|--------|------------------------|----------------------|-----|----------------------------|-----|---------------|
| R182    | 037103485472 | Boxed  | 1/8                    | 2                    | 51  | 4 5/8                      | 117 | 6             |
| R182V   | 037103488671 | Carded | 1/8                    | 2                    | 51  | 4 5/8                      | 117 | 6             |
| R183    | 037103485489 | Boxed  | 1/8                    | 3                    | 76  | 5 1/4                      | 133 | 6             |
| R183V   | 037103488688 | Carded | 1/8                    | 3                    | 76  | 5 1/4                      | 133 | 6             |
| R184    | 037103485496 | Boxed  | 1/8                    | 4                    | 102 | 6 5/8                      | 168 | 6             |
| R184V   | 037103485502 | Carded | 1/8                    | 4                    | 102 | 6 5/8                      | 168 | 6             |
| R186    | 037103485519 | Boxed  | 1/8                    | 6                    | 152 | 8 5/8                      | 219 | 6             |
| R186V   | 037103485526 | Carded | 1/8                    | 6                    | 152 | 8 5/8                      | 219 | 6             |
| R188    | 037103485533 | Boxed  | 1/8                    | 8                    | 203 | 10 5/8                     | 270 | 6             |
| R188V   | 037103485540 | Carded | 1/8                    | 8                    | 203 | 10 5/8                     | 270 | 6             |
| R1810   | 037103485571 | Boxed  | 1/8                    | 10                   | 254 | 12 5/8                     | 321 | 6             |
| R5323   | 037103485731 | Boxed  | 5/32                   | 3                    | 76  | 5 5/8                      | 143 | 6             |
| R5323V  | 037103488756 | Carded | 5/32                   | 3                    | 76  | 5 5/8                      | 143 | 6             |
| R5324   | 037103485748 | Boxed  | 5/32                   | 4                    | 102 | 6 5/8                      | 168 | 6             |
| R5324V  | 037103486929 | Carded | 5/32                   | 4                    | 102 | 6 5/8                      | 168 | 6             |
| R5325   | 037103485755 | Boxed  | 5/32                   | 5                    | 127 | 7 5/8                      | 194 | 6             |
| R5325V  | 037103485762 | Carded | 5/32                   | 5                    | 127 | 7 5/8                      | 194 | 6             |
| R5328   | 037103485779 | Boxed  | 5/32                   | 8                    | 203 | 10 5/8                     | 270 | 6             |
| R5328V  | 037103485763 | Carded | 5/32                   | 8                    | 203 | 10 5/8                     | 270 | 6             |
| R3163   | 037103485588 | Boxed  | 3/16                   | 3                    | 76  | 6 5/8                      | 168 | 6             |
| R3163V  | 037103485595 | Carded | 3/16                   | 3                    | 76  | 6 5/8                      | 168 | 6             |
| R3164   | 037103485601 | Boxed  | 3/16                   | 4                    | 102 | 7 5/8                      | 194 | 6             |
| R3164V  | 037103485618 | Carded | 3/16                   | 4                    | 102 | 7 5/8                      | 194 | 6             |
| R3166   | 037103485625 | Boxed  | 3/16                   | 6                    | 152 | 9 5/8                      | 244 | 6             |
| R3166V  | 037103485632 | Carded | 3/16                   | 6                    | 152 | 9 5/8                      | 244 | 6             |
| R3168   | 037103485649 | Boxed  | 3/16                   | 8                    | 203 | 11 5/8                     | 295 | 6             |
| R3168V  | 037103488718 | Carded | 3/16                   | 8                    | 203 | 11 5/8                     | 295 | 6             |
| R31610  | 037103485786 | Boxed  | 3/16                   | 10                   | 254 | 13 5/8                     | 346 | 6             |
| R144    | 037103485403 | Boxed  | 1/4                    | 4                    | 102 | 8 1/8                      | 206 | 6             |
| R144V   | 037103485410 | Carded | 1/4                    | 4                    | 102 | 8 1/8                      | 206 | 6             |
| R146    | 037103485427 | Boxed  | 1/4                    | 6                    | 152 | 10 1/8                     | 257 | 6             |
| R146V   | 037103485434 | Carded | 1/4                    | 6                    | 152 | 10 1/8                     | 257 | 6             |
| R148    | 037103485441 | Boxed  | 1/4                    | 8                    | 203 | 12 1/8                     | 308 | 6             |
| R148V   | 037103488664 | Carded | 1/4                    | 8                    | 203 | 12 1/8                     | 308 | 6             |
| R1410   | 037103485564 | Boxed  | 1/4                    | 10                   | 254 | 14 1/8                     | 359 | 6             |
| R1410V  | 037103488701 | Carded | 1/4                    | 10                   | 254 | 14 1/8                     | 359 | 6             |
| R5164   | 037103485694 | Boxed  | 5/16                   | 4                    | 102 | 8 1/2                      | 216 | 6             |
| R5166   | 037103485700 | Boxed  | 5/16                   | 6                    | 152 | 10 1/2                     | 267 | 6             |
| R5168   | 037103485724 | Boxed  | 5/16                   | 8                    | 203 | 12 1/2                     | 317 | 6             |
| R388    | 037103485557 | Boxed  | 3/8                    | 8                    | 203 | 12 1/2                     | 317 | 6             |

## Round Blade Screwdriver Set



- Xcelite® Catalog No. SDR11 consists of 5 round blade screwdrivers for slotted screws (R182, R5324, R3166, R144 and R5166)

| Cat No.      | UPC No.      | Packed | Description                                   | Shelf Pack |
|--------------|--------------|--------|-----------------------------------------------|------------|
| <b>SDR11</b> | 037103486103 | Pouch  | 5 round blade screwdrivers for slotted screws | 1          |

## Stubby - Square Blade



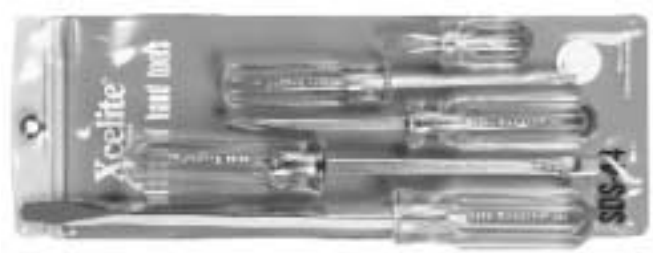
| Cat No.      | UPC No.      | Packed | Blade diameter | Blade length |    | Screwdriver length |    | Shelf Pack |
|--------------|--------------|--------|----------------|--------------|----|--------------------|----|------------|
|              |              |        | Inch           | Inch         | mm | Inch               | mm |            |
| <b>S3161</b> | 037103485922 | Boxed  | 3/16           | 1 1/4        | 32 | 3 1/4              | 83 | 6          |
| <b>S141</b>  | 037103485854 | Boxed  | 1/4            | 1 1/4        | 32 | 3 1/4              | 83 | 6          |
| <b>S141V</b> | 037103486936 | Carded | 1/4            | 1 1/4        | 32 | 3 1/4              | 83 | 6          |
| <b>S5161</b> | 037103486011 | Boxed  | 5/16           | 1 1/4        | 32 | 3 1/4              | 83 | 6          |

## Regular - Square Blade



| Cat No.       | UPC No.      | Packed | Blade diameter<br>Inch | Blade length |     | Screwdriver Length |     | Shelf Pack |
|---------------|--------------|--------|------------------------|--------------|-----|--------------------|-----|------------|
|               |              |        |                        | Inch         | mm  | Inch               | mm  |            |
| <b>S3163</b>  | 037103485939 | Boxed  | 3/16                   | 3            | 76  | 6 5/8              | 168 | 6          |
| <b>S3164</b>  | 037103485953 | Boxed  | 3/16                   | 4            | 702 | 7 5/8              | 194 | 6          |
| <b>S3164V</b> | 037103485960 | Carded | 3/16                   | 4            | 702 | 7 5/8              | 194 | 6          |
| <b>S3166</b>  | 037103485977 | Boxed  | 3/16                   | 6            | 152 | 9 5/8              | 244 | 6          |
| <b>S3168</b>  | 037103485991 | Boxed  | 3/16                   | 8            | 203 | 11 5/8             | 295 | 6          |
| <b>S144</b>   | 037103485861 | Boxed  | 1/4                    | 4            | 102 | 8 1/8              | 206 | 6          |
| <b>S144V</b>  | 037103485878 | Carded | 1/4                    | 4            | 102 | 8 1/8              | 206 | 6          |
| <b>S146</b>   | 037103485885 | Boxed  | 1/4                    | 6            | 152 | 10 1/8             | 257 | 6          |
| <b>S148</b>   | 037103485908 | Boxed  | 1/4                    | 8            | 203 | 12 1/8             | 308 | 6          |
| <b>S5164</b>  | 037103486028 | Boxed  | 5/16                   | 4            | 102 | 8 1/2              | 216 | 6          |
| <b>S5166</b>  | 037103486035 | Boxed  | 5/16                   | 6            | 152 | 10 1/2             | 216 | 6          |
| <b>S5168</b>  | 037103486059 | Boxed  | 5/16                   | 8            | 203 | 12 1/2             | 317 | 6          |
| <b>S51610</b> | 037103486066 | Boxed  | 5/16                   | 10           | 254 | 14 1/2             | 368 | 6          |
| <b>S388</b>   | 037103485915 | Boxed  | 3/8                    | 8            | 203 | 12 1/2             | 317 | 6          |
| <b>S3812</b>  | 037103486004 | Boxed  | 3/8                    | 12           | 305 | 18                 | 457 | 6          |
| <b>S71612</b> | 037103486073 | Boxed  | 7/16                   | 12           | 305 | 18                 | 457 | 6          |
| <b>S71618</b> | 037103486080 | Boxed  | 7/16                   | 18           | 457 | 24                 | 610 | 6          |

## Square Blade Screwdriver Set



- Xcelite® Catalog No. SDS44 consists of 5 square blade screwdrivers for slotted screws (S141, S3164, S144, S5166 and S388)

| Cat No.      | UPC No.      | Packed | Description                                    | Shelf Pack |
|--------------|--------------|--------|------------------------------------------------|------------|
| <b>SDS44</b> | 037103486110 | Pouch  | 5 square blade screwdrivers for slotted screws | 1          |

## Screwdrivers for Recess Head Screws

Pocket clip style - Phillips® type



| Cat No.      | UPC No.      | Packed | Point size | Blade diameter Inch | Blade length Inch | mm | Screwdriver length Inch | mm  | Shelf Pack |
|--------------|--------------|--------|------------|---------------------|-------------------|----|-------------------------|-----|------------|
| <b>P12S</b>  | 037103484857 | Boxed  | 0          | 1/8                 | 2                 | 51 | 4 1/4                   | 108 | 12         |
| <b>P12SV</b> | 037103486905 | Carded | 0          | 1/8                 | 2                 | 51 | 4 1/4                   | 108 | 12         |

## Stubby - Phillips® Type



| Cat No.      | UPC No.      | Packed | Point size | Blade diameter Inch | Blade length Inch | mm | Screwdriver length Inch | mm | Shelf Pack |
|--------------|--------------|--------|------------|---------------------|-------------------|----|-------------------------|----|------------|
| <b>SX101</b> | 037103486226 | Boxed  | 1          | 3/16                | 1 7/16            | 37 | 3 7/16                  | 87 | 6          |
| <b>SX102</b> | 037103486233 | Boxed  | 2          | 1/4                 | 1 5/16            | 33 | 3 3/8                   | 86 | 6          |

## Regular – Phillips® Type



| Cat No.      | UPC No.      | Packed | Point size | Blade diameter Inch | Blade length Inch | Blade length mm | Screwdriver length Inch | Screwdriver length mm | Shelf Pack |
|--------------|--------------|--------|------------|---------------------|-------------------|-----------------|-------------------------|-----------------------|------------|
| <b>X100</b>  | 037103486370 | Boxed  | 0          | 1/8                 | 2                 | 50              | 4 5/8                   | 117                   | 6          |
| <b>X100V</b> | 037103486387 | Carded | 0          | 1/8                 | 2                 | 50              | 4 5/8                   | 117                   | 6          |
| <b>X101</b>  | 037103486394 | Boxed  | 1          | 3/16                | 3                 | 76              | 6 5/8                   | 168                   | 6          |
| <b>X101V</b> | 037103486400 | Carded | 1          | 3/16                | 3                 | 76              | 6 5/8                   | 168                   | 6          |
| <b>X108</b>  | 037103486462 | Boxed  | 1          | 3/16                | 6                 | 152             | 9 5/8                   | 244                   | 6          |
| <b>X108V</b> | 037103486479 | Carded | 1          | 3/16                | 6                 | 152             | 9 5/8                   | 244                   | 6          |
| <b>X102</b>  | 037103486417 | Boxed  | 2          | 1/4                 | 4                 | 102             | 8 1/8                   | 206                   | 6          |
| <b>X102V</b> | 037103486424 | Carded | 2          | 1/4                 | 4                 | 102             | 8 1/8                   | 206                   | 6          |
| <b>X103</b>  | 037103486431 | Boxed  | 3          | 5/16                | 6                 | 152             | 10 1/2                  | 267                   | 6          |
| <b>X103V</b> | 037103486448 | Carded | 3          | 5/16                | 6                 | 152             | 10 1/2                  | 267                   | 6          |
| <b>X104</b>  | 037103486455 | Boxed  | 4          | 3/8                 | 8                 | 203             | 12 1/2                  | 317                   | 6          |

## Extra long – Phillips® Type



| Cat No.      | UPC No.      | Packed | Point size | Blade diameter Inch | Blade length Inch | Blade length mm | Screwdriver length Inch | Screwdriver length mm | Shelf Pack |
|--------------|--------------|--------|------------|---------------------|-------------------|-----------------|-------------------------|-----------------------|------------|
| <b>X1010</b> | 037103486486 | Boxed  | 1          | 3/16                | 10                | 254             | 13 5/8                  | 346                   | 6          |
| <b>X1020</b> | 037103486493 | Boxed  | 2          | 1/4                 | 10                | 254             | 14 1/8                  | 359                   | 6          |

## Super-tru Tip – Phillips® Type

- Super-tru tip for longer wear life and reduction of damage to screw head recesses, especially in smaller size fasteners
- Specially treated and finished tips with black oxide for ultimate control
- Bright, nickel chrome-plated blades



| Cat No.        | UPC No.      | Packed | Point size | Blade diameter Inch | Blade length Inch | Blade length mm | Screwdriver length Inch | Screwdriver length mm | Shelf Pack |
|----------------|--------------|--------|------------|---------------------|-------------------|-----------------|-------------------------|-----------------------|------------|
| <b>XST100</b>  | 037103486738 | Boxed  | 0          | 1/8                 | 2                 | 50              | 4 5/8                   | 117                   | 6          |
| <b>XST100V</b> | 037103486745 | Carded | 0          | 1/8                 | 2                 | 50              | 4 5/8                   | 117                   | 6          |
| <b>XST101</b>  | 037103486752 | Boxed  | 1          | 3/16                | 3                 | 76              | 6 5/8                   | 168                   | 6          |
| <b>XST101V</b> | 037103486769 | Carded | 1          | 3/16                | 3                 | 76              | 6 5/8                   | 168                   | 6          |
| <b>XST102</b>  | 037103486776 | Boxed  | 2          | 1/4                 | 4                 | 102             | 8 1/8                   | 206                   | 6          |
| <b>XST102V</b> | 037103486783 | Carded | 2          | 1/4                 | 4                 | 102             | 8 1/8                   | 206                   | 6          |
| <b>XST1010</b> | 037103486790 | Boxed  | 1          | 3/16                | 10                | 254             | 13 5/8                  | 371                   | 6          |
| <b>XST1020</b> | 037103486806 | Boxed  | 2          | 1/4                 | 10                | 254             | 14 1/8                  | 371                   | 6          |

## Screwdrivers for Torx® Head Screws



XTD20

| Cat No.        | UPC No.      | Packed | Tip size | Blade length |     | Screwdriver length |     | Shelf Pack |
|----------------|--------------|--------|----------|--------------|-----|--------------------|-----|------------|
|                |              |        |          | Inch         | mm  | Inch               | mm  |            |
| <b>XTD6</b>    | 037103490551 | Boxed  | T-6      | 3            | 76  | 6 5/8              | 168 | 6          |
| <b>XTD6V</b>   | 037103490568 | Carded | T-6      | 3            | 76  | 6 5/8              | 168 | 6          |
| <b>XTD8</b>    | 037103490407 | Boxed  | T-8      | 3            | 76  | 6 5/8              | 168 | 6          |
| <b>XTD8V</b>   | 037103490414 | Carded | T-8      | 3            | 76  | 6 5/8              | 168 | 6          |
| <b>XTD8XL</b>  | 037103491305 | Boxed  | T-8      | 9 3/4        | 248 | 13 3/8             | 340 | 6          |
| <b>XTD10</b>   | 037103488039 | Boxed  | T-10     | 3            | 76  | 6 5/8              | 168 | 6          |
| <b>XTD10V</b>  | 037103488046 | Carded | T-10     | 3            | 76  | 6 5/8              | 168 | 6          |
| <b>XTD10XL</b> | 037103491312 | Boxed  | T-10     | 9 3/4        | 248 | 13 3/8             | 340 | 6          |
| <b>XTD15</b>   | 037103488053 | Boxed  | T-15     | 3            | 76  | 6 5/8              | 168 | 6          |
| <b>XTD15V</b>  | 037103488060 | Carded | T-15     | 3            | 76  | 6 5/8              | 168 | 6          |
| <b>XTD15XL</b> | 037103491329 | Boxed  | T-15     | 9 3/4        | 248 | 13 3/8             | 340 | 6          |
| <b>XTD20</b>   | 037103488077 | Boxed  | T-20     | 3            | 76  | 6 5/8              | 168 | 6          |
| <b>XTD20V</b>  | 037103488084 | Carded | T-20     | 3            | 76  | 6 5/8              | 168 | 6          |
| <b>XTD25</b>   | 037103488091 | Boxed  | T-25     | 3            | 76  | 6 5/8              | 168 | 6          |
| <b>XTD25V</b>  | 037103488107 | Carded | T-20     | 3            | 76  | 6 5/8              | 168 | 6          |
| <b>XTD27</b>   | 037103488114 | Boxed  | T-27     | 4 1/2        | 105 | 8 5/8              | 220 | 6          |
| <b>XTD27V</b>  | 037103488121 | Carded | T-27     | 4 1/2        | 105 | 8 5/8              | 220 | 6          |
| <b>XTD30</b>   | 037103488138 | Boxed  | T-30     | 4 1/2        | 105 | 8 5/8              | 220 | 6          |
| <b>XTD30V</b>  | 037103488145 | Carded | T-30     | 4 1/2        | 105 | 8 5/8              | 220 | 6          |

## Screwdrivers – Tamper-proof Torx®



| Cat No.         | UPC No.      | Packed | Tip size | Screwdriver length |     | Shelf Pack |
|-----------------|--------------|--------|----------|--------------------|-----|------------|
|                 |              |        |          | Inch               | mm  |            |
| <b>XTD8TPV</b>  | 037103044914 | Carded | T-8      | 4                  | 102 | 6          |
| <b>XTD10TPV</b> | 037103045256 | Carded | T-10     | 4                  | 102 | 6          |
| <b>XTD15TPV</b> | 037103045317 | Carded | T-15     | 4                  | 102 | 6          |

## Driver sets



SDX22



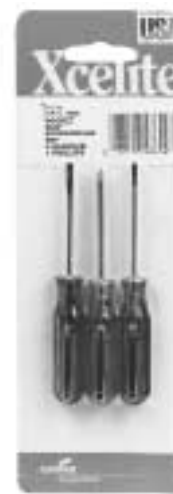
191



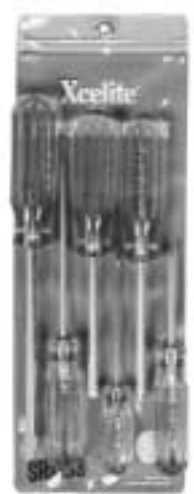
XST3



XST5



SD3V



SRX33

- **SDX22** contains Phillips Xcelite® Catalog No. X100, X101, X102, X103, SX102
- **191** contains Xcelite® Catalog No. 5MM, 55MM, 6MM, 7MM, 8MM, 9MM and 10MM
- **XST3** contains Super-tru tip Phillips Xcelite® Catalog No. XST100, XST101, XST102
- **XST5** contains Super-tru Phillips Xcelite® Catalog No. XST100, XST101, XST102, XST1010 and XST1020
- **SD3V** contains pocket clip screwdrivers R181 and R3322 for slotted screws and P12S for Phillips head screws
- **SRX33** contains blades for slotted screws Xcelite® Catalog No. R184, R3166, R144, R5166 and Phillips Xcelite® Catalog No. X101 and X102

| Cat No.      | UPC No.      | Packed | Shelf Description                                                | Pack |
|--------------|--------------|--------|------------------------------------------------------------------|------|
| <b>SDX22</b> | 037103486127 | Pouch  | 5 pieces – all Phillips                                          | 1    |
| <b>191</b>   | 037103095435 | Pouch  | 7 pieces - all regular drilled shaft metric nutdrivers           | 1    |
| <b>XST3</b>  | 037103487353 | Pouch  | 3 pieces – all Super-tru tip Phillips type                       | 1    |
| <b>XST5</b>  | 037103487360 | Pouch  | 5 pieces – all Super-tru tip Phillips type                       | 1    |
| <b>SD3V</b>  | 037103486097 | Carded | 3 pocket clip screwdrivers for Phillips head screws              | 1    |
| <b>SRX33</b> | 037103486219 | Pouch  | 6 pieces – 4 round blade for slotted screws and 2 Phillips types | 1    |

## Screwdrivers for Recessed Socket Head Screws

### Allen Hex Socket Type - Inch Sizes - Amber Handles



LN25



LN20

| Cat No.      | UPC No.      | Packed | Blade diameter |  | Blade length |     | Screwdriver length |     | Shelf Pack |
|--------------|--------------|--------|----------------|--|--------------|-----|--------------------|-----|------------|
|              |              |        | Inch           |  | Inch         | mm  | Inch               | mm  |            |
| <b>LN20</b>  | 037103484468 | Boxed  | .050           |  | 4            | 102 | 6 5/8              | 168 | 6          |
| <b>LN21</b>  | 037103484475 | Boxed  | 1/16           |  | 4            | 102 | 6 5/8              | 168 | 6          |
| <b>LN21V</b> | 037103488275 | Carded | 1/16           |  | 4            | 102 | 6 5/8              | 168 | 6          |
| <b>LN22</b>  | 037103484482 | Boxed  | 5/64           |  | 4            | 102 | 6 5/8              | 168 | 6          |
| <b>LN22V</b> | 037103488282 | Carded | 5/64           |  | 4            | 102 | 6 5/8              | 168 | 6          |
| <b>LN23</b>  | 037103484499 | Boxed  | 3/32           |  | 4            | 102 | 7 1/8              | 190 | 6          |
| <b>LN23V</b> | 037103488299 | Carded | 3/32           |  | 4            | 102 | 7 1/8              | 190 | 6          |
| <b>LN764</b> | 037103484550 | Boxed  | 7/64           |  | 4            | 102 | 7 1/8              | 190 | 6          |
| <b>LN24</b>  | 037103484505 | Boxed  | 1/8            |  | 4            | 102 | 7 1/8              | 190 | 6          |
| <b>LN964</b> | 037103484567 | Boxed  | 9/64           |  | 4            | 102 | 7 1/8              | 190 | 6          |
| <b>LN25</b>  | 037103484512 | Boxed  | 5/32           |  | 6            | 152 | 9 1/8              | 232 | 6          |
| <b>LN26</b>  | 037103484529 | Boxed  | 3/16           |  | 6            | 152 | 10 1/8             | 257 | 6          |
| <b>LN27</b>  | 037103484536 | Boxed  | 7/32           |  | 6            | 152 | 10 1/8             | 257 | 6          |
| <b>LN28</b>  | 037103484543 | Boxed  | 1/4            |  | 6            | 152 | 10 1/8             | 257 | 6          |

## Metric Sizes - Black Handles



| Cat No.        | UPC No.      | Packed | Blade diameter |  | Blade length |     | Screwdriver length |     | Shelf Pack |
|----------------|--------------|--------|----------------|--|--------------|-----|--------------------|-----|------------|
|                |              |        | Inch/ mm       |  | Inch         | mm  | Inch               | mm  |            |
| <b>LN127MM</b> | 037103484260 | Boxed  | 1.27           |  | -            | 102 | -                  | 168 | 6          |
| <b>LN15MM</b>  | 037103484277 | Boxed  | 1.5            |  | -            | 102 | -                  | 168 | 6          |
| <b>LN2MM</b>   | 037103484284 | Boxed  | 2              |  | -            | 102 | -                  | 168 | 6          |
| <b>LN25MM</b>  | 037103484291 | Boxed  | 2.5            |  | -            | 102 | -                  | 181 | 6          |
| <b>LN3MM</b>   | 037103484307 | Boxed  | 3              |  | -            | 102 | -                  | 181 | 6          |
| <b>LN4MM</b>   | 037103484314 | Boxed  | 4              |  | -            | 102 | -                  | 181 | 6          |
| <b>LN5MM</b>   | 037103484321 | Boxed  | 5              |  | -            | 102 | -                  | 181 | 6          |
| <b>LN6MM</b>   | 037103484338 | Boxed  | 6              |  | -            | 102 | -                  | 181 | 6          |

## Roll-up Kits for Allen® Hex Socket Type

- Complete set of LN series Allen hex socket type and metric size screwdrivers
- Roll-up canvas case, plastic-coated for wear and protection



| Cat No.      | UPC No.      | Packed      | Description                                               | Shelf Pack |
|--------------|--------------|-------------|-----------------------------------------------------------|------------|
| <b>LN11</b>  | 037103484451 | Canvas case | Complete set of LN series Allen hex type screwdrivers     | 1          |
| <b>LN8MM</b> | 037103484345 | Canvas case | Complete set of 8 drivers w/black handles in metric sizes | 1          |

## Ballpoint Style, Allen® Hex Socket Type

- Unique “ballpoint” tip makes Xcelite® drivers ideal for tightening and removing Allen type socket head screws in out-of-reach places or merely when wanting an easier, quicker way to drive them home
- Will engage screw head from any angle
- Slips easily into sockets and holds securely without reaming, because ends are precision-machined to close tolerance

## Inch Sizes – Amber Handles

- For easier tightening and removing of Allen type socket head screws
- Ballpoint tip



| Cat No.        | UPC No.      | Packed | Blade diameter | Blade length |     | Screwdriver length |     | Shelf Pack |
|----------------|--------------|--------|----------------|--------------|-----|--------------------|-----|------------|
|                |              |        | Inch           | Inch         | mm  | Inch               | mm  |            |
| <b>LN20BP</b>  | 037103484574 | Boxed  | .050           | 4            | 102 | 6 5/8              | 168 | 6          |
| <b>LN21BP</b>  | 037103484581 | Boxed  | 1/16           | 4            | 102 | 6 5/8              | 168 | 6          |
| <b>LN22BP</b>  | 037103484598 | Boxed  | 5/64           | 4            | 102 | 6 5/8              | 168 | 6          |
| <b>LN23BP</b>  | 037103484604 | Boxed  | 3/32           | 4            | 102 | 7 1/8              | 181 | 6          |
| <b>LN764BP</b> | 037103484666 | Boxed  | 7/64           | 4            | 102 | 7 1/8              | 181 | 6          |
| <b>LN24BP</b>  | 037103484611 | Boxed  | 1/8            | 4            | 102 | 7 1/8              | 181 | 6          |
| <b>LN964BP</b> | 037103484673 | Boxed  | 9/64           | 4            | 102 | 7 1/8              | 181 | 6          |
| <b>LN25BP</b>  | 037103484628 | Boxed  | 5/32           | 4            | 102 | 7 1/8              | 181 | 6          |
| <b>LN26BP</b>  | 037103484635 | Boxed  | 3/16           | 4            | 102 | 8 1/8              | 206 | 6          |
| <b>LN28BP</b>  | 037103484659 | Boxed  | 1/4            | 4            | 102 | 8 1/8              | 206 | 6          |

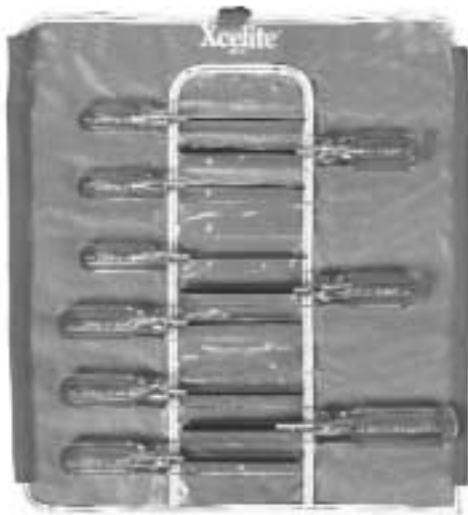
## Metric Sizes - Black Handles



- For easier tightening and removing of Allen type socket head screws
- Ballpoint tip

| Cat No.          | UPC No.      | Packed | Blade diameter<br>Inch/ mm | Blade length<br>Inch mm | Screwdriver length<br>Inch mm | Shelf Pack |
|------------------|--------------|--------|----------------------------|-------------------------|-------------------------------|------------|
| <b>LN127MMBP</b> | 037103484352 | Boxed  | 1.27                       | - 102                   | - 168                         | 6          |
| <b>LN15MMBP</b>  | 037103484369 | Boxed  | 1.5                        | - 102                   | - 168                         | 6          |
| <b>LN2MMBP</b>   | 037103484376 | Boxed  | 2                          | - 102                   | - 168                         | 6          |
| <b>LN25MMBP</b>  | 037103484383 | Boxed  | 2.5                        | - 102                   | - 181                         | 6          |
| <b>LN3MMBP</b>   | 037103484390 | Boxed  | 3                          | - 102                   | - 181                         | 6          |
| <b>LN4MMBP</b>   | 037103484406 | Boxed  | 4                          | - 102                   | - 181                         | 6          |
| <b>LN5MMBP</b>   | 037103484413 | Boxed  | 5                          | - 102                   | - 181                         | 6          |

## Roll-up Kits for Ballpoint Style Allen® Hex Socket Type



- Ballpoint, Allen hex socket type screwdrivers
- Roll-up canvas case

| Cat No.        | UPC No.      | Packed      | Description                                                    | Shelf Pack |
|----------------|--------------|-------------|----------------------------------------------------------------|------------|
| <b>LN8MMBP</b> | 037103484437 | Canvas case | Metric sizes – 8 ballpoint, Allen hex socket type screwdrivers | 1          |
| <b>LN9BP</b>   | 037103484444 | Canvas case | Inch sizes – 9 ballpoint, Allen hex socket type screwdrivers   | 1          |

## Scrulox Type - Color Coded Handles

- All shanks plated for protection
- Color-coded handles



SL2

| Cat No.     | UPC No.      | Packed | Point size | Handle Color | Blade length |    | Screwdriver length |     | Shelf Pack |
|-------------|--------------|--------|------------|--------------|--------------|----|--------------------|-----|------------|
|             |              |        |            |              | Inch         | mm | Inch               | mm  |            |
| <b>SL0V</b> | 037103486141 | Carded | 0          | Amber        | 3 1/2        | 89 | 7 5/8              | 194 | 6          |
| <b>SL1V</b> | 037103486165 | Carded | 1          | Green        | 3 1/2        | 89 | 7 5/8              | 194 | 6          |
| <b>SL2</b>  | 037103486172 | Boxed  | 2          | Red          | 3 1/2        | 89 | 7 5/8              | 194 | 6          |
| <b>SL2V</b> | 037103488022 | Carded | 2          | Red          | 3 1/2        | 89 | 7 5/8              | 194 | 6          |
| <b>SL3V</b> | 037103486202 | Carded | 3          | Black        | 3 1/2        | 89 | 7 5/8              | 194 | 6          |

## Clutch Head Type

- Furnished in type "G" design
- Amber handles



| Cat No.      | UPC No.      | Packed | Hex diameter |  | Blade diameter |    | Blade length |     | Screwdriver length |     | Shelf Pack |
|--------------|--------------|--------|--------------|--|----------------|----|--------------|-----|--------------------|-----|------------|
|              |              |        | Inch         |  | Inch           | mm | Inch         | mm  | Inch               | mm  |            |
| <b>G5324</b> | 037103483997 | Boxed  | 5/32         |  | 3/16           | 5  | 4            | 102 | 7 5/8              | 194 | 6          |

## Combination Reversible Screwdrivers and Kits

- Economical multi-purpose tool sets and kits consisting of either a regular or stubby handle combined with one or more of reversible, interchangeable combination blades
- Blades and handle may be purchased separately
- Blades snap in and out easily and are held firmly in perfect alignment by patented spring lock

## Handle



| Cat No.   | UPC No.      | Packed | Description                   | Handle dimensions |          | Shelf Pack |
|-----------|--------------|--------|-------------------------------|-------------------|----------|------------|
|           |              |        |                               | Inch x Inch       | mm x mm  |            |
| <b>25</b> | 037103481337 | Boxed  | Series 99® screwdriver handle | 1 1/8 x 4 1/8     | 29 x 105 | 6          |

## Reversible Blades (Use with Number 25 Handle)



- Snaps in and out easily and held firmly in perfect alignment by patented spring lock

| Cat No.    | UPC No.      | Packed | Blade diameter |    | Description                    | Blade length |     | Shelf Pack |
|------------|--------------|--------|----------------|----|--------------------------------|--------------|-----|------------|
|            |              |        | Inch           | mm |                                | Inch         | mm  |            |
| <b>RB1</b> | 037103485793 | Boxed  | 3/16           | 5  | No. 1 Phillips – 3/16" slotted | 61/4         | 159 | 6          |
| <b>RB2</b> | 037103485809 | Boxed  | 1/4            | 6  | No. 2 Phillips – 1/4" slotted  | 61/4         | 159 | 6          |
| <b>RB3</b> | 037103485816 | Boxed  | 5/16           | 8  | No. 3 Phillips – 5/16" slotted | 61/4         | 159 | 6          |

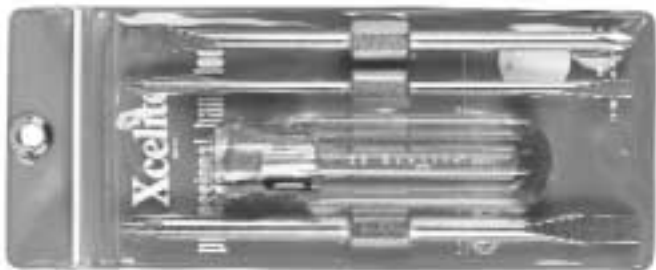
## Combination Reversible Blades and Handles



- Contains 1 reversible, interchangeable, combination blade
- Regular handle

| Cat No.     | UPC No.      | Packed | Description               | Screwdriver length |        | Shelf Pack |
|-------------|--------------|--------|---------------------------|--------------------|--------|------------|
|             |              |        |                           | Inch               | mm     |            |
| <b>CR1</b>  | 037103483904 | Boxed  | No. 25 handle & RB1 blade | 7 1/4              | 184.15 | 6          |
| <b>CR1V</b> | 037103483911 | Carded | No. 25 handle & RB1 blade | 7 1/4              | 184.15 | 6          |
| <b>CR2</b>  | 037103483928 | Boxed  | No. 25 handle & RB2 blade | 7 1/4              | 184.15 | 6          |
| <b>CR2V</b> | 037103483935 | Carded | No. 25 handle & RB2 blade | 7 1/4              | 184.15 | 6          |

## Plastic View Kit



CK23

- Zipper case

| Cat No.     | UPC No.      | Description                                                | Shelf Pack |
|-------------|--------------|------------------------------------------------------------|------------|
| <b>CK20</b> | 037103483881 | Zipper case with RB1, RB2 blades and No. 25 handle         | 6          |
| <b>CK23</b> | 037103483898 | Zipper case with RB1, RB2 and RB3 blades and No. 25 handle | 6          |

## Pocket Roll Kit

- Contains RB1, RB2 and RB3 blades and Xcelite® Catalog No. 25 handle



| Cat No.    | UPC No.      | Description                                         | Shelf Pack |
|------------|--------------|-----------------------------------------------------|------------|
| <b>CK3</b> | 037103483874 | Contains RB1, RB2 and RB3 blades with No. 25 handle | 6          |

## 4-way Pocket Tool

- Extremely versatile time-saver
- Handy for removing backs of TV sets and installing antennas
- Special reversible SB1 blade fits slotted or Phillips head screws
- Double-ended handle serves as 2 sizes of nutdrivers (7/16" and 1/4")



| Cat No.     | UPC No.      | Packed | Description       | Shelf Pack |
|-------------|--------------|--------|-------------------|------------|
| <b>600</b>  | 037103483690 | Boxed  | 4-way pocket tool | 6          |
| <b>600V</b> | 037103483706 | Carded | 4-way pocket tool | 6          |

## Four-in-One Screwdriver

- Extra handy
- 2 blades also interchangeable with Two-In-One
- Self-storing standard shaft
- Converts in seconds to 4 most often needed tips (3/16" and 1/4" slotted tips and Xcelite® Catalog No. 1 and 2 Phillips)
- FSD1CS packed on a clip strip merchandising wand



| Cat No.      | UPC No.      | Packed | Description                      | Shelf Pack |
|--------------|--------------|--------|----------------------------------|------------|
| <b>FSD1</b>  | 037103487537 | Boxed  | Four-in-One screwdriver complete | 6          |
| <b>FSD1V</b> | 037103487605 | Carded | Four-in-One screwdriver complete | 6          |

## Two-in-One Screwdriver



- 3/16" slotted tip end and Xcelite® Catalog No. 1 Phillips
- Stubby handle

| Cat No.      | UPC No.      | Packed | Description                     | Shelf Pack |
|--------------|--------------|--------|---------------------------------|------------|
| <b>TSD1V</b> | 037103487612 | Carded | Two-in-one screwdriver complete | 6          |

## Interchangeable Bit Screwdriver



- Chrome/Nickel plated for longer life
- Industrial quality tool steel bits, heat treated, tempered and stress relieved blast finished
- Made in the USA

| Cat No.      | UPC No.      | Description                            | Handle Color | Tool Weight oz | g  | Shelf Pack |
|--------------|--------------|----------------------------------------|--------------|----------------|----|------------|
| <b>8SD1V</b> | 037103146335 | 8-in-1 Interchangeable Bit Screwdriver | Blue         | 3.5            | 99 | 6          |

## Nutdrivers - Fixed Handle

- Features steel shafts
- Precision-machined, cold-drawn, case-hardened sockets with bright finish
- Molded firm grip
- Plastic handles are color-coded for easy size identification
- Xcelite® offers a variety of nutdriver blades that fit interchangeably in special handles
- See pages 425, 426, and 427

## Regular - Drilled Shaft



- Precision-machined, cold-drawn, case-hardened socket with bright finish
- Regular, plastic color-coded handles for ease in size identification
- Molded firm grip

| Cat No.    | UPC No.      | Packed | Color code | Diameter Inch | Depth of hole | Blade length Inch | mm | Nutdriver length Inch | mm  | Shelf Pack |
|------------|--------------|--------|------------|---------------|---------------|-------------------|----|-----------------------|-----|------------|
| <b>6</b>   | 037103481054 | Boxed  | Black      | 3/16          | 1 1/8"        | 3                 | 76 | 6 1/8                 | 156 | 6          |
| <b>6V</b>  | 037103481078 | Carded | Black      | 3/16          | 1 1/8"        | 3                 | 76 | 6 1/8                 | 156 | 6          |
| <b>7</b>   | 037103481085 | Boxed  | Brown      | 7/32          | 1 1/8"        | 3                 | 76 | 6 1/8                 | 156 | 6          |
| <b>8</b>   | 037103481108 | Boxed  | Red        | 1/4           | 1 1/8"        | 3                 | 76 | 6 1/8                 | 156 | 6          |
| <b>8V</b>  | 037103481146 | Carded | Red        | 1/4           | 1 1/8"        | 3                 | 76 | 6 1/8                 | 156 | 6          |
| <b>9</b>   | 037103481153 | Boxed  | Orange     | 9/32          | 1 1/8"        | 3                 | 76 | 6 1/8                 | 156 | 6          |
| <b>10</b>  | 037103481177 | Boxed  | Amber      | 5/16          | 1 1/8"        | 3                 | 76 | 6 1/8                 | 156 | 6          |
| <b>10V</b> | 037103481214 | Carded | Amber      | 5/16          | 1 1/8"        | 3                 | 76 | 6 1/8                 | 156 | 6          |
| <b>11</b>  | 037103481221 | Boxed  | Green      | 11/32         | 1 1/8"        | 3                 | 76 | 6 1/8                 | 156 | 6          |
| <b>12</b>  | 037103481252 | Boxed  | Blue       | 3/8           | 1 1/8"        | 3                 | 76 | 6 1/8                 | 156 | 6          |
| <b>12V</b> | 037103481276 | Carded | Blue       | 3/8           | 1 1/8"        | 3                 | 76 | 6 1/8                 | 156 | 6          |
| <b>14</b>  | 037103481290 | Boxed  | Brown      | 7/16          | 1 7/8"        | 2 7/8             | 73 | 7                     | 178 | 6          |
| <b>14V</b> | 037103481306 | Carded | Brown      | 7/16          | 1 7/8"        | 2 7/8             | 73 | 7                     | 178 | 6          |
| <b>16V</b> | 037103481320 | Carded | Red        | 1/2           | 1 7/8"        | 2 7/8             | 73 | 7                     | 178 | 6          |

## Regular - Full Hollow Shaft - Inch Sizes

Color Coded Handles

- Precision-machined, cold-drawn, case-hardened socket with bright finish
- Molded firm grip



| Cat No.      | UPC No.      | Packed | Color code | Blade diameter Inch | Depth of hole | Blade length Inch | Blade length mm | Screwdriver length Inch | Screwdriver length mm | Shelf Pack |
|--------------|--------------|--------|------------|---------------------|---------------|-------------------|-----------------|-------------------------|-----------------------|------------|
| <b>HS6</b>   | 037103484031 | Boxed  | Black      | 3/16                | 6"            | 3 1/8             | 79              | 6 1/4                   | 159                   | 6          |
| <b>HS6V</b>  | 037103484048 | Carded | Black      | 3/16                | 6"            | 3 1/8             | 79              | 6 1/4                   | 159                   | 6          |
| <b>HS7</b>   | 037103484055 | Boxed  | Brown      | 7/32                | 6"            | 3 1/8             | 79              | 6 1/4                   | 159                   | 6          |
| <b>HS7V</b>  | 037103490278 | Carded | Brown      | 7/32                | 6"            | 3 1/8             | 79              | 6 1/4                   | 159                   | 6          |
| <b>HS8</b>   | 037103484062 | Boxed  | Red        | 1/4                 | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS8V</b>  | 037103484079 | Carded | Red        | 1/4                 | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS9</b>   | 037103484086 | Boxed  | Orange     | 9/32                | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS9V</b>  | 037103488657 | Carded | Orange     | 9/32                | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS10</b>  | 037103484093 | Boxed  | Amber      | 5/16                | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS10V</b> | 037103484109 | Carded | Amber      | 5/16                | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS11</b>  | 037103484116 | Boxed  | Green      | 11/32               | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS11V</b> | 037103484123 | Carded | Green      | 11/32               | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS12</b>  | 037103484130 | Boxed  | Blue       | 3/8                 | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS12V</b> | 037103484147 | Carded | Blue       | 3/8                 | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS14</b>  | 037103484154 | Boxed  | Brown      | 7/16                | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS14V</b> | 037103484161 | Carded | Brown      | 7/16                | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS16</b>  | 037103484178 | Boxed  | Red        | 1/2                 | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS16V</b> | 037103484185 | Carded | Red        | 1/2                 | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS18</b>  | 037103484192 | Boxed  | Orange     | 9/16                | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |
| <b>HS18V</b> | 037103484208 | Carded | Orange     | 9/16                | 7"            | 3 1/8             | 79              | 7 1/4                   | 184                   | 6          |

## Extra Long - Full Hollow Shaft - Inch Sizes

- Precision-machined, cold-drawn, case-hardened socket with bright finish
- Molded firm grip

Color Coded Handles



| Cat No.     | UPC No.      | Packed | Color code | Blade diameter Inch | Depth of hole | Blade length Inch | Blade length mm | Screwdriver length Inch | Screwdriver length mm | Shelf Pack |
|-------------|--------------|--------|------------|---------------------|---------------|-------------------|-----------------|-------------------------|-----------------------|------------|
| <b>L6</b>   | 037103483713 | Boxed  | Black      | 3/16                | 8 3/4"        | 6                 | 152             | 9 1/8                   | 232                   | 6          |
| <b>L8</b>   | 037103483720 | Boxed  | Red        | 1/4                 | 9 3/4"        | 6                 | 152             | 10 1/8                  | 257                   | 6          |
| <b>L8V</b>  | 037103483751 | Carded | Red        | 1/4                 | 9 3/4"        | 6                 | 152             | 10 1/8                  | 257                   | 6          |
| <b>L10</b>  | 037103483768 | Boxed  | Amber      | 5/16                | 9 3/4"        | 6                 | 152             | 10 1/8                  | 257                   | 6          |
| <b>L10V</b> | 037103483799 | Carded | Amber      | 5/16                | 9 3/4"        | 6                 | 152             | 10 1/8                  | 257                   | 6          |
| <b>L11</b>  | 037103483805 | Boxed  | Green      | 11/32               | 9 3/4"        | 6                 | 152             | 10 1/8                  | 257                   | 6          |
| <b>L12</b>  | 037103483829 | Boxed  | Blue       | 3/8                 | 9 3/4"        | 6                 | 152             | 10 1/8                  | 257                   | 6          |
| <b>L12V</b> | 037103483836 | Carded | Blue       | 3/8                 | 9 3/4"        | 6                 | 152             | 10 1/8                  | 257                   | 6          |

## Magnetic Nutdrivers



- Ultimate in convenience for assembly and service operations involving hex fasteners
- Alnico permanent magnet inserted in socket holds fasteners firmly for easy, one-hand driving or for retrieving or removal
- Socket specially treated and hardened for use with self-tapping screws
- Unique Xcelite® development effectively insulates magnet
- Exclusive with Xcelite® 1/4" and 5/16" magnetic fixed handle
- Comfortable contoured handle provides adequate torque for 1-hand driving

| Cat No.      | UPC No.      | Packed | Handle color | Diameter Inch | Depth of hole | Blade length Inch | Blade length mm | Tool length Inch | Tool length mm | Shelf Pack |
|--------------|--------------|--------|--------------|---------------|---------------|-------------------|-----------------|------------------|----------------|------------|
| <b>8M</b>    | 037103481115 | Boxed  | Red          | 1/4           | -             | 3                 | 76              | 6 1/8            | 156            | 6          |
| <b>8MV</b>   | 037103481139 | Carded | Red          | 1/4           | -             | 3                 | 76              | 6 1/8            | 156            | 6          |
| <b>10M</b>   | 037103481184 | Boxed  | Amber        | 5/16          | -             | 3                 | 76              | 6 1/8            | 156            | 6          |
| <b>L8M</b>   | 037103483737 | Boxed  | Red          | 1/4           | -             | 6                 | 152             | 10 1/8           | 257            | 6          |
| <b>L8MV</b>  | 037103483744 | Carded | Red          | 1/4           | -             | 6                 | 152             | 10 1/8           | 257            | 6          |
| <b>L10M</b>  | 037103483775 | Boxed  | Amber        | 5/16          | -             | 6                 | 152             | 10 1/8           | 257            | 6          |
| <b>L10MV</b> | 037103483782 | Carded | Amber        | 5/16          | -             | 6                 | 152             | 10 1/8           | 257            | 6          |
| <b>LL8M</b>  | 037103483843 | Boxed  | Red          | 1/4           | -             | 16 3/4            | 444             | 20 7/8           | 552            | 6          |
| <b>LL10M</b> | 037103483850 | Boxed  | Amber        | 5/16          | -             | 16 3/4            | 444             | 20 7/8           | 552            | 6          |

## Metric Nutdrivers

- Manufactured precisely to metric dimension
- Particularly useful in the assembly and servicing of foreign equipment
- Bright finished blades, shafts and shanks (same as English version)

## Regular - Drilled Shaft - Metric Sizes, Black Handles



- Particularly useful in assembly and servicing of foreign equipment
- Bright finished blades, shafts and shanks
- Manufactured precisely to metric dimension

| Cat No.     | UPC No.      | Packed | Blade Diameter mm | Depth of hole mm | Blade Length mm | Tool Length mm | Thread diameter cap screws Hex head mm | Hex nuts mm | Shelf Pack |
|-------------|--------------|--------|-------------------|------------------|-----------------|----------------|----------------------------------------|-------------|------------|
| <b>4MM</b>  | 037103481009 | Boxed  | 4                 | 29               | 76              | 156            | -                                      | 2           | 6          |
| <b>45MM</b> | 037103481016 | Boxed  | 4.5               | 29               | 76              | 156            | -                                      | 2.3         | 6          |
| <b>5MM</b>  | 037103481030 | Boxed  | 5                 | 29               | 76              | 156            | 2.6                                    | 2.6         | 6          |
| <b>55MM</b> | 037103481047 | Boxed  | 5.5               | 29               | 76              | 156            | 3                                      | 3           | 6          |
| <b>6MM</b>  | 037103481061 | Boxed  | 6                 | 29               | 76              | 156            | 3.5                                    | 3.5         | 6          |
| <b>7MM</b>  | 037103481092 | Boxed  | 7                 | 29               | 76              | 156            | 4                                      | 4           | 6          |
| <b>8MM</b>  | 037103481122 | Boxed  | 8                 | 29               | 76              | 156            | 5                                      | 5           | 6          |
| <b>10MM</b> | 037103481191 | Boxed  | 10                | 48               | 73              | 178            | 6                                      | 6           | 6          |
| <b>11MM</b> | 037103481238 | Boxed  | 11                | 48               | 73              | 178            | 7                                      | 7           | 6          |

## Full - Hollow Shaft

- Particularly useful in assembly and servicing of foreign equipment
- Bright finished blades, shafts and shanks
- Manufactured precisely to metric dimension



| Cat No.     | UPC No.      | Packed | Color code | Blade Diameter mm | Depth of hole mm | Blade length Inch | Blade length mm | Nutdriver length Inch | Nutdriver length mm | Shelf Pack |
|-------------|--------------|--------|------------|-------------------|------------------|-------------------|-----------------|-----------------------|---------------------|------------|
| <b>12MM</b> | 037103481269 | Boxed  | Black      | 12                | 178              | -                 | 79              | -                     | 184                 | 6          |
| <b>13MM</b> | 037103481283 | Boxed  | Black      | 13                | 178              | -                 | 79              | -                     | 184                 | 6          |

## Color Coded Nutdriver Sets - "Tray Bien"

- Contains assortment of nutdrivers listed in chart
- Convenient blow molded case



| Cat No.      | UPC No.      | Description                                                             | Shelf Pack |
|--------------|--------------|-------------------------------------------------------------------------|------------|
| <b>127TB</b> | 037103483621 | Contains solid shaft No's. 6, 7, 8, 9, 10, 11 and 12                    | 1          |
| <b>147TB</b> | 037103483638 | Contains hollow shaft No's. HS8, HS9, HS10, HS11, HS12, HS14, and HS166 | 1          |

## Nutdriver Set

- Contains assortment of nutdrivers listed in chart
- Plastic pouch



| Cat No.    | UPC No.      | Description                                                                         | Shelf Pack |
|------------|--------------|-------------------------------------------------------------------------------------|------------|
| <b>157</b> | 037103483652 | Contains 7 pieces, all regular drilled shaft No's. 6, 8, 10, 11, 12, 14 and 16      | 1          |
| <b>177</b> | 037103483669 | Contains 7 pieces, all hollow shaft No's. HS6, HS8, HS10, HS11, HS12, HS14 and HS16 | 1          |

## Nutdriver Kit - "Keep and Carry" Case



- Contains assortment of nutdrivers listed in chart
- Sturdy yellow plastic case for inch sizes, and red case for metric sizes, keeps nutdrivers orderly on work bench and carries them on service calls

| Cat No.      | UPC No.      | Description                                                                                                        | Shelf Pack |
|--------------|--------------|--------------------------------------------------------------------------------------------------------------------|------------|
| <b>HS618</b> | 037103484215 | Inch sizes - Contains hollow shaft No's. HS6, HS7, HS8, HS9, HS10, HS11, HS12, HS14, HS16, and HS18                | 1          |
| <b>413MM</b> | 037103481023 | Metric sizes - 10 piece set of nutdrivers: 4MM through 8MM, 10MM, 11MM, 13MM.<br>All have 31.35mm depth shaft hole | 1          |

## Compact Convertible Tool Sets

- Compact convertible tool sets complete more jobs with fewer tools, save bench space and lighten service kits
- Each set is equipped with a remarkable black, "piggyback" torque amplifier handle (Xcelite® Catalog No. TA2) that slips over the top of color-coded midget drivers to provide larger gripping surface, extended reach and increased driving power
- Sets housed in attractive, easy to open, clear plastic cases
- All individual screwdrivers and nutdrivers are available separately

## PS88 Screwdriver Set - Inch Sizes



- Handles more jobs with fewer tools, saves bench space and lightens service kit
- Equipped with remarkable black, "piggyback" torque amplifier handle
- Set housed in attractive, easy to open, clear plastic case
- Color-coded handles

| Cat No.      | UPC No.      | Packed | Handle color        | Blade length            |    | Screwdriver length |    | Shelf Pack |
|--------------|--------------|--------|---------------------|-------------------------|----|--------------------|----|------------|
|              |              |        |                     | Inch                    | mm | Inch               | mm |            |
| <b>PS88</b>  | 037103485236 | Boxed  | Complete set        |                         |    |                    |    | 3          |
| <b>PS88V</b> | 037103485243 | Carded | Complete set carded |                         |    |                    |    | 3          |
| <b>P3321</b> | 037103485052 | -      | Green               | 3/32                    | -  | 3 1/2              | 89 | 12         |
| <b>P181</b>  | 037103485021 | -      | Red                 | 1/8                     | -  | 3 1/2              | 89 | 12         |
| <b>P5321</b> | 037103485069 | -      | Black               | 5/32                    | -  | 3 1/2              | 89 | 12         |
| <b>P3161</b> | 037103485045 | -      | Orange              | 3/16                    | -  | 3 1/2              | 89 | 12         |
| <b>P141</b>  | 037103485014 | -      | Amber               | 1/4                     | -  | 3 1/2              | 89 | 12         |
| <b>P0</b>    | 037103484710 | -      | Blue                | 0 Phillips              | -  | 3 1/2              | 89 | 12         |
| <b>P1</b>    | 037103484727 | -      | Brown               | 1 Phillips              | -  | 3 1/2              | 89 | 12         |
| <b>P2</b>    | 037103484734 | -      | Amber               | 2 Phillips              | -  | 3 1/2              | 89 | 12         |
| <b>TA2</b>   | 037103486240 | -      | Black               | Torque amplifier handle |    |                    |    | 6          |

## PS7 Screwdriver and Nutdriver Set - Inch Sizes

- Handles more jobs with fewer tools, saves bench space and lightens service kit
- Equipped with remarkable black, "piggyback" torque amplifier handle
- Set housed in attractive, easy to open, clear plastic case
- Color-coded handles



| Cat No.             | UPC No.      | Packed | Handle color | Diameter Inch           | Driver length Inch | mm | Shelf Pack |
|---------------------|--------------|--------|--------------|-------------------------|--------------------|----|------------|
| <b>PS7</b>          | 037103485199 | Boxed  | Complete set |                         |                    |    | 3          |
| <b>Screwdrivers</b> |              |        |              |                         |                    |    |            |
| <b>P3161</b>        | 037103485045 | -      | Orange       | 3/16                    | 3 1/2              | 89 | 12         |
| <b>P3321</b>        | 037103485052 | -      | Green        | 3/32                    | 3 1/2              | 89 | 12         |
| <b>P0</b>           | 037103484710 | -      | Blue         | 0 Phillips              | 3 1/2              | 89 | 12         |
| <b>P1</b>           | 037103484727 | -      | Brown        | 1 Phillips              | 3 1/2              | 89 | 12         |
| <b>Nutdrivers</b>   |              |        |              |                         |                    |    |            |
| <b>P8</b>           | 037103484796 | -      | Red          | 1/4                     | 3 1/2              | 89 | 12         |
| <b>P10</b>          | 037103484826 | -      | Amber        | 5/16                    | 3 1/2              | 89 | 12         |
| <b>TA2</b>          | 037103486240 | -      | Black        | Torque amplifier handle | 3                  |    |            |

## PS120 Nutdriver Set - Inch Sizes

- Handles more jobs with fewer tools, saves bench space and lightens service kit
- Equipped with remarkable black, "piggyback" torque amplifier handle
- Set housed in attractive, easy to open, clear plastic case
- Color-coded handles



| Cat No.       | UPC No.      | Packed | Handle color        | Diameter Inch           | Nutdriver length Inch | mm | Shelf Pack |
|---------------|--------------|--------|---------------------|-------------------------|-----------------------|----|------------|
| <b>PS120</b>  | 037103485281 | Boxed  | Complete set        |                         |                       | 3  |            |
| <b>PS120V</b> | 037103485298 | Carded | Complete set carded |                         |                       | 3  |            |
| <b>P3</b>     | 037103484741 | -      | Blue                | 3/32                    | 3 1/2                 | 89 | 12         |
| <b>P4</b>     | 037103484758 | -      | Red                 | 1/8                     | 3 1/2                 | 89 | 12         |
| <b>P5</b>     | 037103484765 | -      | Amber               | 5/32                    | 3 1/2                 | 89 | 12         |
| <b>P6</b>     | 037103484772 | -      | Black               | 3/16                    | 3 1/2                 | 89 | 12         |
| <b>P7</b>     | 037103484789 | -      | Brown               | 7/32                    | 3 1/2                 | 89 | 12         |
| <b>P8</b>     | 037103484796 | -      | Red                 | 1/4                     | 3 1/2                 | 89 | 12         |
| <b>P9</b>     | 037103484819 | -      | Orange              | 9/32                    | 3 1/2                 | 89 | 12         |
| <b>P10</b>    | 037103484826 | -      | Amber               | 5/16                    | 3 1/2                 | 89 | 12         |
| <b>P11</b>    | 037103484833 | -      | Green               | 11/32                   | 3 1/2                 | 89 | 12         |
| <b>P12</b>    | 037103484840 | -      | Blue                | 3/8                     | 3 1/2                 | 89 | 12         |
| <b>TA2</b>    | 037103486240 | -      | Black               | Torque amplifier handle |                       |    | 3          |

# PS121 MM Metric Compact Convertible Nutdriver Set



- Handles more jobs with fewer tools, saves bench space and lightens service kit
- Equipped with remarkable black, "piggyback" torque amplifier handle
- Set housed in attractive, easy to open, clear plastic case

| Cat No.        | UPC No.      | Packed | Diameter mm             | Nutdriver length mm | Shelf Pack |
|----------------|--------------|--------|-------------------------|---------------------|------------|
| <b>PS121MM</b> | 037103485304 | Boxed  | Complete set            |                     | 3          |
| Δ <b>P3MM</b>  | 037103485076 | -      | 3                       | 89                  | 12         |
| Δ <b>P35MM</b> | 037103485083 | -      | 3.5                     | 89                  | 12         |
| <b>P45MM</b>   | 037103485106 | -      | 4.5                     | 89                  | 12         |
| <b>P5MM</b>    | 037103485113 | -      | 5                       | 89                  | 12         |
| <b>P55MM</b>   | 037103485120 | -      | 5.5                     | 89                  | 12         |
| <b>P7MM</b>    | 037103485144 | -      | 7                       | 89                  | 12         |
| <b>P8MM</b>    | 037103485151 | -      | 8                       | 89                  | 12         |
| <b>P10MM</b>   | 037103485168 | -      | 10                      | 89                  | 12         |
| <b>TA2</b>     | 037103486240 | -      | Torque amplifier handle |                     | 3          |

Δ = Made to order, contact customer service for delivery.

## PS130 Screwdriver and Nutdriver Set - Inch Sizes

- Handles more jobs with fewer tools, saves bench space and lightens service kit
- Equipped with remarkable black, "piggyback" torque amplifier handle
- Set housed in attractive, easy to open, clear plastic case
- Color-coded handles



| Cat No.             | UPC No.      | Packed | Handle color        | Blade Diameter Inch     | Diameter Inch | Shelf Pack |
|---------------------|--------------|--------|---------------------|-------------------------|---------------|------------|
| <b>PS130</b>        | 037103485311 | Boxed  | Complete set        |                         |               | 3          |
| <b>PS130V</b>       | 037103485328 | Carded | Complete set carded |                         |               | 3          |
| <b>Screwdrivers</b> |              |        |                     |                         |               |            |
| <b>P1</b>           | 037103484727 | -      | Brown               | 1 Phillips              | -             | 12         |
| <b>P2</b>           | 037103484734 | -      | Amber               | 2 Phillips              | -             | 12         |
| <b>P181</b>         | 037103485021 | -      | Red                 | 1/8                     | -             | 12         |
| <b>P3161</b>        | 037103485045 | -      | Orange              | 3/16                    | -             | 12         |
| <b>P141</b>         | 037103485014 | -      | Amber               | 1/4                     | -             | 12         |
| <b>Nutdrivers</b>   |              |        |                     |                         |               |            |
| <b>P6</b>           | 037103484772 | -      | Black               | -                       | 3/16          | 12         |
| <b>P8</b>           | 037103484796 | -      | Red                 | -                       | 1/4           | 12         |
| <b>P10</b>          | 037103484826 | -      | Amber               | -                       | 5/16          | 12         |
| <b>P11</b>          | 037103484833 | -      | Green               | -                       | 11/32         | 12         |
| <b>P12</b>          | 037103484840 | -      | Blue                | -                       | 3/8           | 12         |
| <b>TA2</b>          | 037103486240 | -      | Black               | Torque amplifier handle |               | 3          |

## PS89 Screwdriver Set for Hex Socket Screws - Inch Sizes



- Handles more jobs with fewer tools, saves bench space and lightens service kit
- Equipped with remarkable black, "piggyback" torque amplifier handle
- Set housed in attractive, easy to open, clear plastic case
- Red handles

| Cat No.      | UPC No.      | Packed | Diameter<br>Inch        | Tool length |    | Shelf Pack |
|--------------|--------------|--------|-------------------------|-------------|----|------------|
|              |              |        |                         | Inch        | mm |            |
| <b>PS89</b>  | 037103485250 | Boxed  | Complete set            |             |    | 3          |
| <b>PS89V</b> | 037103485267 | Carded | Complete set carded     |             |    | 3          |
| <b>P18</b>   | 037103484871 | -      | .028                    | 3 1/2       | 89 | 12         |
| <b>P19</b>   | 037103484888 | -      | .035                    | 3 1/2       | 89 | 12         |
| <b>P20</b>   | 037103484895 | -      | .050                    | 3 1/2       | 89 | 12         |
| <b>P21</b>   | 037103484901 | -      | 1/16                    | 3 1/2       | 89 | 12         |
| <b>P22</b>   | 037103484918 | -      | 5/64                    | 3 1/2       | 89 | 12         |
| <b>P23</b>   | 037103484925 | -      | 3/32                    | 3 1/2       | 89 | 12         |
| <b>P764</b>  | 037103485038 | -      | 7/64                    | 3 1/2       | 89 | 12         |
| <b>TA2</b>   | 037103486240 | -      | Torque amplifier handle |             |    | 3          |

## PS90MM Compact Convertible Hex Socket Screwdriver Set

### Metric Sizes



- Handles more jobs with fewer tools, saves bench space and lightens service kit
- Equipped with remarkable black, "piggyback" torque amplifier handle
- Set housed in attractive, easy to open, clear plastic case
- Black handles

| Cat No.       | UPC No.      | Packed | Diameter<br>mm          | Tool length |    | Shelf Pack |
|---------------|--------------|--------|-------------------------|-------------|----|------------|
|               |              |        |                         | mm          | mm |            |
| <b>PS90MM</b> | 037103485274 | Boxed  | Complete set            |             |    | 3          |
| <b>P78</b>    | 037103485007 | -      | 0.89                    | 89          |    | 12         |
| <b>P71</b>    | 037103484949 | -      | 1.27                    | 89          |    | 12         |
| <b>P72</b>    | 037103485917 | -      | 1.5                     | 89          |    | 12         |
| <b>P73</b>    | 037103484956 | -      | 2.0                     | 89          |    | 12         |
| <b>P74</b>    | 037103484963 | -      | 2.5                     | 89          |    | 12         |
| <b>P75</b>    | 037103484970 | -      | 3.0                     | 89          |    | 12         |
| <b>P76</b>    | 037103484987 | -      | 4.0                     | 89          |    | 12         |
| <b>P77</b>    | 037103484994 | -      | 5.0                     | 89          |    | 12         |
| <b>P78</b>    | 037103485007 | -      | 0.89                    | 89          |    | 12         |
| <b>TA2</b>    | 037103486240 | -      | Torque amplifier handle |             |    | 3          |

## M60 Mini-driver Kit - Inch Sizes

- Miniature version of compact convertible set
- For precise detailed work
- Mini-drivers consist of jeweler's type and Phillips screwdriver blades molded in color-coded plastic handles
- Contains a black torque amplifier handle (Xcelite® Catalog No. M06) 7/8" X 3 1/16"/22.22mm X 77.78mm
- Furnished in see-through plastic case
- Mini-drivers available separately
- Color-coded handles



| Cat No.     | UPC No.      | Packed | Handle color | Blade Diameter          |    | Blade length |    | Tool length |    | Shelf Pack |
|-------------|--------------|--------|--------------|-------------------------|----|--------------|----|-------------|----|------------|
| Inch        | mm           | Inch   | mm           | Inch                    | mm | Inch         | mm | Inch        | mm |            |
| <b>M60</b>  | 037103484680 | Boxed  | -            | Complete set            |    |              |    |             |    | 6          |
| <b>M60V</b> | 037103484697 | Carded | -            | Complete set carded     |    |              |    |             |    | 6          |
| <b>M01</b>  | 037103490667 | -      | Amber        | .04                     | 1  | 7/8          | 22 | 2 1/8       | 54 | 6          |
| <b>M02</b>  | 037103490674 | -      | Orange       | .055                    | 1  | 7/8          | 22 | 2 1/8       | 54 | 6          |
| <b>M03</b>  | 037103490681 | -      | Brown        | .07                     | 2  | 7/8          | 22 | 2 1/8       | 54 | 6          |
| <b>M04</b>  | 037103490698 | -      | Red          | .08                     | 2  | 7/8          | 22 | 2 1/8       | 54 | 6          |
| <b>M05</b>  | 037103490704 | -      | Green        | .10                     | 3  | 7/8          | 22 | 2 1/8       | 54 | 6          |
| <b>M06</b>  | 037103124807 | -      | Black        | Torque amplifier handle |    |              | -  |             | -  |            |

## Series 99® Blades, Shanks, and Handles

- Series 99® interchangeable blades, shanks and handles shown on these pages are all available separately, allowing gradual, economical accumulation of whatever items might be needed for individual requirements
- Also permits owners of Series 99® sets or kits to enlarge them or substitute tools, as necessary, at minimal cost

### Handles

- Easy to operate
- Use with Series 99® blades



| Cat No.     | UPC No.      | Packed | Description | Color | Handle dimensions |          | Shelf Pack |
|-------------|--------------|--------|-------------|-------|-------------------|----------|------------|
|             |              |        |             |       | Inch x Inch       | mm x mm  |            |
| <b>991</b>  | 037103482532 | Boxed  | Regular     | Amber | 13/16 x 4         | 30 x 102 | 6          |
| <b>991V</b> | 037103482549 | Carded | Regular     | Amber | 13/16 x 4         | 30 x 102 | 6          |
| <b>992</b>  | 037103482570 | Boxed  | Junior      | Amber | 11/16 x 3 1/8     | 27 x 79  | 6          |
| <b>992V</b> | 037103482587 | Carded | Junior      | Amber | 11/16 x 3 1/8     | 27 x 79  | 6          |
| <b>993</b>  | 037103482594 | Boxed  | Stubby      | Amber | 13/16 x 2         | 30 x 51  | 6          |
| <b>993V</b> | 037103487025 | Carded | Stubby      | Amber | 13/16 x 2         | 30 x 51  | 6          |
| <b>994</b>  | 037103482600 | Boxed  | Tee         | Black | 3 1/2 x 1 5/8     | 89 x 41  | 6          |
| <b>994V</b> | 037103482655 | Carded | Tee         | Black | 3 1/2 x 1 5/8     | 89 x 41  | 6          |

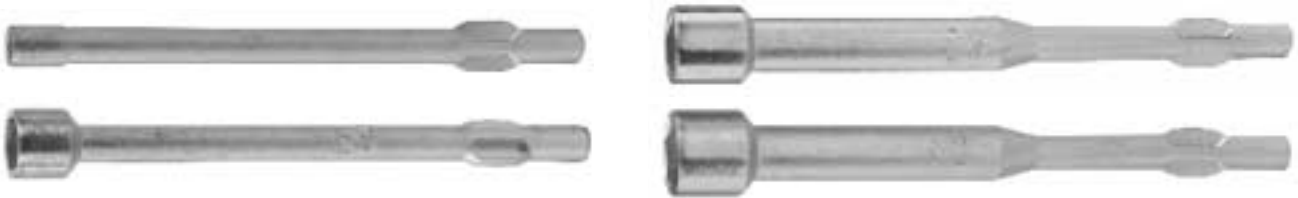
## Reversible Ratcheting Handles



- Easy to operate
- Permits extremely simple 1-hand operation, even in tight quarters
- Use with Series 99® blades
- Smooth precise action
- Left-right-neutral marking indicator
- Light ratcheting drag facilitates turning and prevents fasteners from reversing

| Cat No. | UPC No.      | Packed | Description | Color | Inch x Inch    | mm x mm  | Shelf Pack |
|---------|--------------|--------|-------------|-------|----------------|----------|------------|
| 991R    | 037103482556 | Boxed  | Regular     | Black | 1 3/16 x 5 1/4 | 30 x 133 | 6          |
| 991RV   | 037103482563 | Carded | Regular     | Black | 1 3/16 x 5 1/4 | 30 x 133 | 6          |
| 994R    | 037103482631 | Boxed  | Tee         | Black | 3 1/2 x 2 1/2  | 89 x 64  | 6          |
| 994RV   | 037103482648 | Carded | Tee         | Black | 3 1/2 x 2 1/2  | 89 x 64  | 6          |

## Nutdrivers - Inch Sizes



| Cat No. | UPC No.      | Packed | Diameter Inch | Approximate working length Inch | mm  | Shelf Pack |
|---------|--------------|--------|---------------|---------------------------------|-----|------------|
| 996     | 037103482693 | Boxed  | 3/16          | 3 5/8                           | 92  | 6          |
| 996V    | 037103482709 | Carded | 3/16          | 3 5/8                           | 92  | 6          |
| 997     | 037103482716 | Boxed  | 7/32          | 3 5/8                           | 92  | 6          |
| 997V    | 037103482730 | Carded | 7/32          | 3 5/8                           | 92  | 6          |
| 998     | 037103482747 | Boxed  | 1/4           | 3 5/8                           | 92  | 6          |
| 998V    | 037103482785 | Carded | 1/4           | 3 5/8                           | 92  | 6          |
| 99S8    | 037103482396 | Boxed  | 1/4           | 1 3/8                           | 36  | 6          |
| 999     | 037103482792 | Boxed  | 9/32          | 3 5/8                           | 92  | 6          |
| 999V    | 037103482815 | Carded | 9/32          | 3 5/8                           | 92  | 6          |
| 9910    | 037103482822 | Boxed  | 5/16          | 3 5/8                           | 92  | 6          |
| 9910V   | 037103482846 | Carded | 5/16          | 3 5/8                           | 92  | 6          |
| 99S10   | 037103482402 | Boxed  | 5/16          | 1 3/8                           | 36  | 6          |
| 9911    | 037103482853 | Boxed  | 11/32         | 3 5/8                           | 92  | 6          |
| 9911V   | 037103482877 | Carded | 11/32         | 3 5/8                           | 92  | 6          |
| 9912    | 037103482884 | Boxed  | 3/8           | 3 5/8                           | 92  | 6          |
| 9912V   | 037103482891 | Carded | 3/8           | 3 5/8                           | 92  | 6          |
| 99S12   | 037103482419 | Boxed  | 3/8           | 1 3/8                           | 36  | 6          |
| 9914    | 037103482907 | Boxed  | 7/16          | 4                               | 102 | 6          |
| 9914V   | 037103482914 | Carded | 7/16          | 4                               | 102 | 6          |
| 9916    | 037103482921 | Boxed  | 1/2           | 4                               | 102 | 6          |
| 9916V   | 037103482938 | Carded | 1/2           | 4                               | 102 | 6          |



## Magnetic Nutdrivers - Inch Sizes



| Cat No.       | UPC No.      | Packed | Diameter Inch | Approximate working length Inch | mm | Shelf Pack |
|---------------|--------------|--------|---------------|---------------------------------|----|------------|
| <b>998M</b>   | 037103482754 | Boxed  | 1/4           | 3 5/8                           | 92 | 6          |
| <b>998MV</b>  | 037103482778 | Carded | 1/4           | 3 5/8                           | 92 | 6          |
| <b>9910M</b>  | 037103482945 | Boxed  | 5/16          | 3 5/8                           | 92 | 6          |
| <b>9910MV</b> | 037103482952 | Carded | 5/16          | 3 5/8                           | 92 | 6          |



## Nutdrivers - Metric Sizes



| Cat No.         | UPC No.      | Packed | Diameter mm | Approximate working length Inch | mm  | Shelf Pack |
|-----------------|--------------|--------|-------------|---------------------------------|-----|------------|
| <b>994MM</b>    | 037103482617 | Boxed  | 4           | -                               | 92  | 6          |
| <b>9945MM</b>   | 037103482624 | Boxed  | 4.5         | -                               | 92  | 6          |
| <b>995MM</b>    | 037103482662 | Boxed  | 5           | -                               | 92  | 6          |
| <b>9955MM</b>   | 037103482679 | Boxed  | 5.5         | -                               | 92  | 6          |
| <b>996MM</b>    | 037103482686 | Boxed  | 6           | -                               | 92  | 6          |
| <b>997MM</b>    | 037103482723 | Boxed  | 7           | -                               | 92  | 6          |
| <b>998MM</b>    | 037103482761 | Boxed  | 8           | -                               | 92  | 6          |
| <b>999MM</b>    | 037103482808 | Boxed  | 9           | -                               | 92  | 6          |
| <b>9910MM</b>   | 037103482839 | Boxed  | 10          | -                               | 102 | 6          |
| <b>9911MM</b>   | 037103482860 | Boxed  | 11          | -                               | 102 | 6          |
| <b>Magnetic</b> |              |        |             |                                 |     |            |
| <b>997MMM</b>   | 037103003898 | Boxed  | 7           | -                               | 92  | 6          |



## Slotted Screwdrivers



| Cat No.       | UPC No.      | Packed | Diameter Inch | Approximate working length Inch | mm  | Shelf Pack |
|---------------|--------------|--------|---------------|---------------------------------|-----|------------|
| <b>99125</b>  | 037103483379 | Boxed  | 1/8           | 4                               | 102 | 6          |
| <b>99125V</b> | 037103483386 | Carded | 1/8           | 4                               | 102 | 6          |
| <b>99811</b>  | 037103483447 | Boxed  | 3/16          | 4                               | 102 | 6          |
| <b>99811V</b> | 037103483454 | Carded | 3/16          | 4                               | 102 | 6          |
| <b>99250</b>  | 037103483393 | Boxed  | 1/4           | 4                               | 102 | 6          |
| <b>99250V</b> | 037103483409 | Carded | 1/4           | 4                               | 102 | 6          |
| <b>99312</b>  | 037103483416 | Boxed  | 5/16          | 4                               | 102 | 6          |
| <b>99312V</b> | 037103483423 | Carded | 5/16          | 4                               | 102 | 6          |

## Phillips®



| Cat No. | UPC No.      | Packed | Description | Approximate working length |     | Shelf Pack |
|---------|--------------|--------|-------------|----------------------------|-----|------------|
|         |              |        |             | Inch                       | mm  |            |
| 99820   | 037103483461 | Boxed  | No. 0       | 4                          | 102 | 6          |
| 99820V  | 037103483478 | Carded | No. 0       | 4                          | 102 | 6          |
| 99821   | 037103483485 | Boxed  | No. 1       | 4                          | 102 | 6          |
| 99821V  | 037103483492 | Carded | No. 1       | 4                          | 102 | 6          |
| 99822   | 037103483508 | Boxed  | No. 2       | 4                          | 102 | 6          |
| 99822V  | 037103483515 | Boxed  | No. 2       | 4                          | 102 | 6          |

## Pozidriv®



| Cat No. | UPC No.      | Packed | Description | Approximate working length |     | Shelf Pack |
|---------|--------------|--------|-------------|----------------------------|-----|------------|
|         |              |        |             | Inch                       | mm  |            |
| 99831   | 037103483522 | Boxed  | No. 1       | 4                          | 102 | 6          |
| 99832   | 037103483539 | Boxed  | No. 2       | 4                          | 102 | 6          |
| 99833   | 037103483546 | Boxed  | No. 3       | 4                          | 102 | 6          |

Screwdrivers - Allen® Hex Socket Type 

Inch Sizes



| Cat No. | UPC No.      | Packed | Diameter Inch | Approximate working length |     | Shelf Pack |
|---------|--------------|--------|---------------|----------------------------|-----|------------|
|         |              |        |               | Inch                       | mm  |            |
| 9920    | 037103482969 | Boxed  | .050          | 4                          | 102 | 6          |
| 9921    | 037103482983 | Boxed  | 1/16          | 4                          | 102 | 6          |
| 9922    | 037103483003 | Boxed  | 5/64          | 4                          | 102 | 6          |
| 9923    | 037103483027 | Boxed  | 3/32          | 4                          | 102 | 6          |
| 99764   | 037103483102 | Boxed  | 7/64          | 4                          | 102 | 6          |
| 9924    | 037103483041 | Boxed  | 1/8           | 4                          | 102 | 6          |
| 99964   | 037103483119 | Boxed  | 9/64          | 4                          | 102 | 6          |
| 9925    | 037103483065 | Boxed  | 5/32          | 4                          | 102 | 6          |
| 9926    | 037103483089 | Boxed  | 3/16          | 4                          | 102 | 6          |



## Screwdrivers - Allen® Hex Socket Type

Metric Sizes



| Cat No. | UPC No.      | Packed | Diameter mm | Approximate working length Inch | mm  | Shelf Pack |
|---------|--------------|--------|-------------|---------------------------------|-----|------------|
| 9971MM  | 037103483232 | Boxed  | 1.27        | -                               | 102 | 6          |
| 9972MM  | 037103483249 | Boxed  | 1.5         | -                               | 102 | 6          |
| 9973MM  | 037103483256 | Boxed  | 2.0         | -                               | 102 | 6          |
| 9974MM  | 037103483263 | Boxed  | 2.5         | -                               | 102 | 6          |
| 9975MM  | 037103483270 | Boxed  | 3.0         | -                               | 102 | 6          |
| 9976MM  | 037103483287 | Boxed  | 4.0         | -                               | 102 | 6          |
| 9977MM  | 037103483294 | Boxed  | 5.0         | -                               | 102 | 6          |

## Screwdrivers - Ballpoint Allen® Hex Socket Type

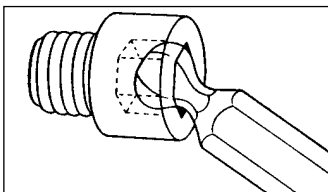
Inch Sizes



| Cat No. | UPC No.      | Packed | Diameter Inch | Approximate working length Inch | mm  | Shelf Pack |
|---------|--------------|--------|---------------|---------------------------------|-----|------------|
| 9920BP  | 037103482976 | Boxed  | .050          | 4                               | 102 | 6          |
| 9921BP  | 037103482990 | Boxed  | 1/16          | 4                               | 102 | 6          |
| 9922BP  | 037103483010 | Boxed  | 5/64          | 4                               | 102 | 6          |
| 9923BP  | 037103483034 | Boxed  | 3/32          | 4                               | 102 | 6          |
| 99764BP | 037103483430 | Boxed  | 7/64          | 4                               | 102 | 6          |
| 9924BP  | 037103483058 | Boxed  | 1/8           | 4                               | 102 | 6          |
| 99964BP | 037103483553 | Boxed  | 9/64          | 4                               | 102 | 6          |
| 9925BP  | 037103483072 | Boxed  | 5/32          | 4                               | 102 | 6          |
| 9926BP  | 037103483096 | Boxed  | 3/16          | 4                               | 102 | 6          |

## Screwdrivers - Ballpoint Allen® Hex Socket Type

Metric Sizes



| Cat No.  | UPC No.      | Packed | Diameter mm | Approximate working length Inch | mm  | Shelf Pack |
|----------|--------------|--------|-------------|---------------------------------|-----|------------|
| 9971MMBP | 037103483300 | Boxed  | 1.27        | -                               | 102 | 6          |
| 9972MMBP | 037103483317 | Boxed  | 1.5         | -                               | 102 | 6          |
| 9973MMBP | 037103483324 | Boxed  | 2.0         | -                               | 102 | 6          |
| 9974MMBP | 037103483331 | Boxed  | 2.5         | -                               | 102 | 6          |
| 9975MMBP | 037103483348 | Boxed  | 3.0         | -                               | 102 | 6          |
| 9976MMBP | 037103483355 | Boxed  | 4.0         | -                               | 102 | 6          |
| 9977MMBP | 037103483362 | Boxed  | 5.0         | -                               | 102 | 6          |

## Screwdrivers - Bristol 6-flute Multiple Spline



| Cat No. | UPC No.      | Packed | Description | Diameter |      | Approximate working length |     | Shelf Pack |
|---------|--------------|--------|-------------|----------|------|----------------------------|-----|------------|
|         |              |        |             | Inch     | mm   | Inch                       | mm  |            |
| 9961    | 037103483140 | Boxed  |             | 0.048    | 1.22 | 4                          | 102 | 6          |
| 9962    | 037103483157 | Boxed  |             | 0.060    | 1.52 | 4                          | 102 | 6          |
| 9963    | 037103483164 | Boxed  | 4 flute     | 0.069    | 1.75 | 4                          | 102 | 6          |
| 9964    | 037103483171 | Boxed  |             | 0.072    | 1.82 | 4                          | 102 | 6          |
| 9965    | 037103483188 | Boxed  | 4 flute     | 0.076    | 1.93 | 4                          | 102 | 6          |
| 9966    | 037103483195 | Boxed  |             | 0.096    | 2.43 | 4                          | 102 | 6          |
| 9967    | 037103483201 | Boxed  |             | 0.111    | 2.82 | 4                          | 102 | 6          |
| 9969    | 037103493224 | Boxed  |             | 0.183    | 4.65 | 4                          | 102 | 6          |

## Screwdrivers - Clutch Head



| Cat No. | UPC No.      | Packed | Diameter | Approximate working length |     | Shelf Pack |
|---------|--------------|--------|----------|----------------------------|-----|------------|
|         |              |        |          | Inch                       | mm  |            |
| 99G316  | 037103482204 | Boxed  | 3/16     | 4                          | 102 | 6          |
| 99G532  | 037103482211 | Boxed  | 5/32     | 4                          | 102 | 6          |

## Screwdrivers - Scrulox



| Cat No. | UPC No.      | Packed | Description | Approximate working length |     | Shelf Pack |
|---------|--------------|--------|-------------|----------------------------|-----|------------|
|         |              |        |             | Inch                       | mm  |            |
| 99SL1   | 037103482440 | Boxed  | No. 1       | 4                          | 102 | 6          |
| 99SL2   | 037103482457 | Boxed  | No. 2       | 4                          | 102 | 6          |
| 99SL3   | 037103491510 | Boxed  | No. 3       | 4                          | 102 | 6          |

## Screwdrivers - Tamper Proof-Torx®



| Cat No.   | UPC No.      | Packed | Tip Size | Approximate working length |     | Shelf Pack |
|-----------|--------------|--------|----------|----------------------------|-----|------------|
|           |              |        |          | Inch                       | mm  |            |
| 998XTDTP  | 037103045294 | Boxed  | T-8      | 4                          | 102 | 6          |
| 9910XTDTP | 037103045263 | Boxed  | T-10     | 4                          | 102 | 6          |
| 9915XTDTP | 037103045270 | Boxed  | T-15     | 4                          | 102 | 6          |



## Screwdrivers – Torx®



| Cat No. | UPC No.      | Packed | Tip Size | Approximate working length |     | Shelf Pack |
|---------|--------------|--------|----------|----------------------------|-----|------------|
|         |              |        |          | Inch                       | mm  |            |
| 996XTD  | 037103490575 | Boxed  | T-6      | 4                          | 102 | 6          |
| 998XTD  | 037103490582 | Boxed  | T-8      | 4                          | 102 | 6          |
| 9910XTD | 037103490025 | Boxed  | T-10     | 4                          | 102 | 6          |
| 9915XTD | 037103490032 | Boxed  | T-15     | 4                          | 102 | 6          |
| 9920XTD | 037103490049 | Boxed  | T-20     | 4                          | 102 | 6          |
| 9925XTD | 037103490056 | Boxed  | T-25     | 4                          | 102 | 6          |
| 9927XTD | 037103490063 | Boxed  | T-27     | 4                          | 102 | 6          |
| 9930XTD | 037103490070 | Boxed  | T-30     | 4                          | 102 | 6          |

## Reamer



| Cat No. | UPC No.      | Packed | Diameter    |             | Approximate working length |     | Shelf Pack |
|---------|--------------|--------|-------------|-------------|----------------------------|-----|------------|
|         |              |        | Inch x Inch | mm x mm     | Inch                       | mm  |            |
| 9938    | 037103483126 | Boxed  | 1/8 x 3/8   | 3.17 x 9.52 | 4                          | 102 | 6          |
| 9938V   | 037103483133 | Carded | 1/8 x 3/8   | 3.17 x 9.52 | 4                          | 102 | 6          |

## Extensions



| Cat No. | UPC No.      | Packed | Description | Approximate working length |     | Tool Length |     | Shelf Pack |
|---------|--------------|--------|-------------|----------------------------|-----|-------------|-----|------------|
|         |              |        |             | Inch                       | mm  | Inch        | mm  |            |
| 99X5    | 037103482501 | Boxed  | Extension   | 4                          | 102 | 4           | 102 | 6          |
| 99X5V   | 037103482518 | Carded | Extension   | 4                          | 102 | 4           | 102 | 6          |
| 99X10   | 037103482525 | Boxed  | Extension   | 7                          | 178 | 7           | 178 | 6          |
| 99X10V  | 037103487063 | Carded | Extension   | 7                          | 178 | 7           | 178 | 6          |

## Power Bit Adapter

- For use with Xcelite® Series 99® blades
- Fits all power tools with 1/4" hex chuck

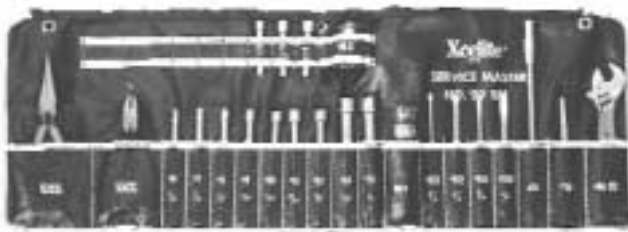


| Cat No. | UPC No.      | Packed | Description       | Shelf Pack |
|---------|--------------|--------|-------------------|------------|
| 99PA    | 037103490926 | Boxed  | Power bit adapter | 6          |
| 99PAV   | 037103490933 | Carded | Power bit adapter | 6          |

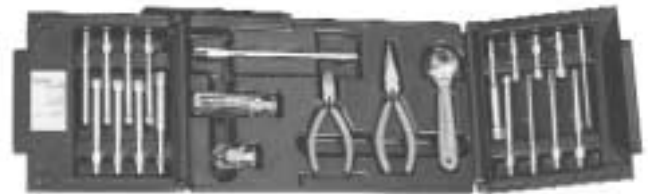
## Series 99® Service Kits

- Series 99® service kits and sets made primarily of various screwdrivers, nutdrivers and other blades that can be used interchangeably in Series 99® handles
- All blades are high quality steel, hardened and tempered for optimum performance
- Plastic handles have patented spring device that holds blades firmly, yet permits quick, easy insertion and removal
- Regular handles accommodate all blades, single and reversible
- Stubby, Tee and Ratchet handles used only with single-end blades

## 99SM & 99SMX Roll Kit & Case



99SM



99SMX

- Versatile 23-piece set of quality tools
- Provides a variety of quick change tools and tool combinations to speed up assembly and service work
- Available in a durable, roll-up plastic coated canvas case, or hard plastic case, for easy selection and storage

| Cat No.            | UPC No.      | Packed | Inch | mm  | Description                                 | Shelf Pack |
|--------------------|--------------|--------|------|-----|---------------------------------------------|------------|
| 99SM               | 037103482471 | Boxed  | -    |     | Complete roll kit                           | 1          |
| 99SMK              | 037103482488 | Boxed  | -    | -   | Canvas case                                 | 1          |
| 99SMX              | 037103490254 | Boxed  | -    | -   | Complete tool kit w/carrying case           | 1          |
| 52CGV              | 037103481559 | -      | 6    | 152 | Long nose cushion grip plier                | 6          |
| 55CG               | 037103481603 | -      | 5    | 127 | Diagonal cushion grip plier                 | 6          |
| 46CG               | 037103481467 | -      | 6    | 152 | Thin-pattern cushion grip adjustable wrench | 6          |
| 991                | 037103482532 | -      | -    | -   | Regular handle                              | 6          |
| 993                | 037103482594 | -      | -    | -   | Stubby handle                               | 6          |
| 996 to 9916        | -            | -      | -    | -   | Regular nutdrivers (9)                      | -          |
| 99S8, 99S10, 99S12 | -            | -      | -    | -   | Stubby nutdrivers                           | -          |
| 99821, 99822       | -            | -      | -    | -   | Phillips screwdrivers                       | -          |
| 99811, 99250       | -            | -      | -    | -   | Slotted screwdrivers                        | -          |
| 9938               | 037103483126 | -      | -    | -   | Reamer                                      | 6          |
| 99X10              | 037103482525 | -      | -    | -   | Extension                                   | 6          |

## 99PR Roll Kit

- Multi-purpose, 14-piece nutdriver and screwdriver set



| Cat No.             | UPC No.      | Packed | Inch | mm | Description           | Shelf Pack |
|---------------------|--------------|--------|------|----|-----------------------|------------|
| <b>99PR</b>         | 037103482266 | Boxed  | -    | -  | Complete roll kit     | 1          |
| <b>99K</b>          | 037103482228 | Boxed  | -    | -  | Canvas case           | 1          |
| <b>991</b>          | 037103482532 | -      | -    | -  | Regular handle        | 6          |
| <b>996 to 9916</b>  | -            | -      | -    | -  | Nutdrivers            | -          |
| <b>99811, 99250</b> | -            | -      | -    | -  | Slotted screwdrivers  | -          |
| <b>99821, 99822</b> | -            | -      | -    | -  | Phillips screwdrivers | -          |

## 99SPC Personal Computer Repair Kit

- Ideal for repairs on PC's
- Contains 12 anti-static chip tools, protects chips from ESD damage
- Tools fit securely in a convenient roll-up pouch

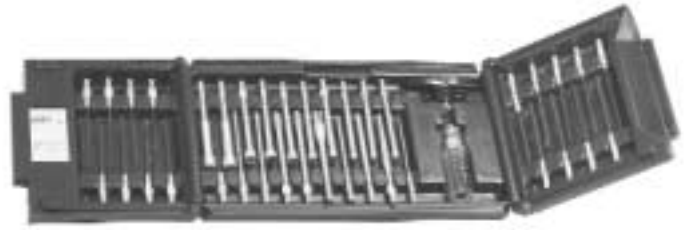


| Cat No.                                                  | UPC No.      | Packed | Inch | mm | Description                   | Shelf Pack |
|----------------------------------------------------------|--------------|--------|------|----|-------------------------------|------------|
| <b>99SPC</b>                                             | 037103490940 | Boxed  | -    | -  | Complete kit                  | 1          |
| <b>99820</b>                                             | 037103483461 | -      | -    | -  | #0 Phillips screwdriver blade | 6          |
| <b>99821</b>                                             | 037103483485 | -      | -    | -  | #1 Phillips screwdriver blade | 6          |
| <b>99811</b>                                             | 037103483447 | -      | 3/16 | 5  | Slotted screwdriver blade     | 6          |
| <b>9910XTD</b>                                           | 037103490025 | -      | -    | -  | Torx® screwdriver blade       | 6          |
| <b>9915XTD</b>                                           | 037103490032 | -      | -    | -  | Torx® screwdriver blade       | 6          |
| <b>996</b>                                               | 037103482693 | -      | 3/16 | 5  | Hex nutdriver shank           | 6          |
| <b>998</b>                                               | 037103482747 | -      | 1/4  | 6  | Hex nutdriver shank           | 6          |
| <b>991</b>                                               | 037103482532 | -      | -    | -  | Regular handle                | 6          |
| Three-prong chip retriever/ extractor – antistatic       |              |        |      |    |                               | -          |
| Chip tweezer, Chip inserter, Chip extractor – antistatic |              |        |      |    |                               | -          |

## 99MP & 99MPX Multi-purpose Tool Kit



99MP



99MPX

- 39-piece kit contains most popular Series 99® tools
- 2 extra pockets permit addition of pliers, snips or other tools
- Available in a durable, roll-up plastic coated canvas case, or hard plastic case, for easy selection and storage

| Cat No.                    | UPC No.      | Packed | Inch | mm | Description                              | Shelf Pack |
|----------------------------|--------------|--------|------|----|------------------------------------------|------------|
| <b>99MP</b>                | 037103482235 | Boxed  | -    | -  | Complete kit                             | 1          |
| <b>99MPK</b>               | 037103482242 | Boxed  | -    | -  | Canvas case                              | 1          |
| <b>99MPX</b>               | 037103490261 | Boxed  | -    | -  | Complete kit w/carrying case             | 1          |
| <b>991</b>                 | 037103482532 | -      | -    | -  | Regular handle                           | 6          |
| <b>994</b>                 | 037103482600 | -      | -    | -  | Tee handle                               | 6          |
| <b>998M</b>                | 037103482754 | -      | -    | -  | Magnetic nutdriver                       | 6          |
| <b>996, to 9916</b>        | -            | -      | -    | -  | Regular nutdrivers (9)                   | -          |
| <b>9920, to 9926</b>       | -            | -      | -    | -  | Allen hex screwdrivers (9)               | -          |
| <b>99764, 99964</b>        | -            | -      | -    | -  |                                          |            |
| <b>9961, to 9969</b>       | -            | -      | -    | -  | Bristol multiple spline screwdrivers (9) | -          |
| <b>99125, 99811</b>        | -            | -      | -    | -  | Slotted screwdrivers                     | -          |
| <b>99250, 99312</b>        | -            | -      | -    | -  |                                          |            |
| <b>99820, 99821, 99822</b> | -            | -      | -    | -  | Phillips screwdrivers                    | -          |
| <b>9938</b>                | 037103483126 | -      | -    | -  | Reamer                                   | 6          |
| <b>99X5</b>                | 037103482501 | -      | -    | -  | Extension                                | 6          |

## 99SL Scrulox Screwdriver Kit

- 6-piece kit
- Plastic view case
- Convenient hang-up hole



| Cat No.            | UPC No.      | Packed | Inch | mm | Description          | Shelf Pack |
|--------------------|--------------|--------|------|----|----------------------|------------|
| <b>99SL</b>        | 037103482426 | Boxed  | -    | -  | Complete kit         | 1          |
| <b>991</b>         | 037103482532 | -      | -    | -  | Regular handle       | 6          |
| <b>99SL1, 2, 3</b> | -            | -      | -    | -  | Scrulox screwdrivers | -          |
| <b>99250</b>       | 037103483393 | -      | -    | -  | Slotted screwdriver  | 6          |

## 99PA50 Tool Kit

- Series 99® screwdriver and nutdriver set designed for use with cordless rechargeable screwdrivers
- Contains 12 most popular nutdriver and screwdriver sizes together with a power adapter (Xcelite® Catalog No. 99PA)
- Convenient vinyl carrying pouch



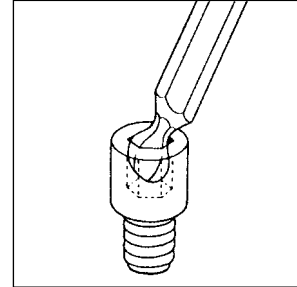
| Cat No.       | UPC No.      | Packed | Description                  | Diameter Inch | Shelf Pack |
|---------------|--------------|--------|------------------------------|---------------|------------|
| <b>99PA50</b> | 037103497299 | Boxed  | Complete set                 | 3/16          | 6          |
| <b>99S7</b>   | 037103095046 | -      | Stubby nutdriver             | 7/32          | 6          |
| <b>99S8</b>   | 037103482396 | -      | Stubby nutdriver             | 1/4           | 6          |
| <b>99S9</b>   | 037103095053 | -      | Stubby nutdriver             | 9/32          | 6          |
| <b>99S10</b>  | 037103482402 | -      | Stubby nutdriver             | 5/16          | 6          |
| <b>99S11</b>  | 037103095060 | -      | Stubby nutdriver             | 11/32         | 6          |
| <b>99S12</b>  | 037103482419 | -      | Stubby nutdriver             | 3/8           | 6          |
| <b>99S811</b> | 037103095077 | -      | Stubby slotted screwdriver   | 3/16          | 6          |
| <b>99S250</b> | 037103095084 | -      | Stubby slotted screwdriver   | 1/4           | 6          |
| <b>99S821</b> | 037103095091 | -      | Stubby Phillips screwdriver  | #1            | 6          |
| <b>99S822</b> | 037103095107 | -      | Stubby Phillips screwdriver  | #2            | 6          |
| <b>99PA</b>   | 037103490926 | -      | Cordless screwdriver adapter | -             | 6          |

Δ = Made to order, contact customer service for delivery.

## Series 99® Compact Interchangeable-blade Sets

### 99PS40BP Ballpoint Allen hex socket type screwdriver set - Inch sizes

- Unique “ballpoint” tip ideal for tightening and removing Allen socket screws in hard to reach spots or need a quicker way to drive them home
- 9 blades 4"/101.60mm long, 99X5 extension and regular 991 handle in plastic see-through stand-up case
- Will engage screw head from any angle
- Ends precision-machined to close tolerances to help slip easily into sockets and hold securely without reaming

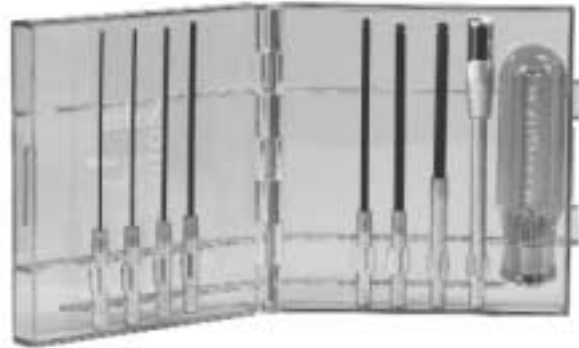


| Cat No.          | UPC No.      | Packed | Tip Size Inch       | Tool Length |     | Shelf Pack |
|------------------|--------------|--------|---------------------|-------------|-----|------------|
|                  |              |        |                     | Inch        | mm  |            |
| <b>99PS40BP</b>  | 037103482297 | Boxed  | Complete set        | -           | -   | 3          |
| <b>99PS40BPV</b> | 037103482303 | Carded | Complete set carded | -           | -   | 3          |
| <b>9920BP</b>    | 037103482976 | -      | .050                | 4           | 102 | 6          |
| <b>9921BP</b>    | 037103482990 | -      | 1/16                | 4           | 102 | 6          |
| <b>9922BP</b>    | 037103483010 | -      | 5/64                | 4           | 102 | 6          |
| <b>9923BP</b>    | 037103483034 | -      | 3/32                | 4           | 102 | 6          |
| <b>99764BP</b>   | 037103483430 | -      | 7/64                | 4           | 102 | 6          |
| <b>9924BP</b>    | 037103483058 | -      | 1/8                 | 4           | 102 | 6          |
| <b>99964BP</b>   | 037103483553 | -      | 9/64                | 4           | 102 | 6          |
| <b>9925BP</b>    | 037103483072 | -      | 5/32                | 4           | 102 | 0          |
| <b>9926BP</b>    | 037103483096 | -      | 3/16                | 4           | 102 | 6          |
| <b>991</b>       | 037103482532 | -      | Regular handle      | 4           | 102 | 6          |
| <b>99X5</b>      | 037103482501 | -      | Extension           | 4           | 102 | 6          |

## 99PS41MMBP Ballpoint Allen Hex Socket Type Screwdriver Set

- Interchangeable, Allen hex socket type
- Contains 7 drivers, 102mm 99X5 extension and regular 991 handle
- 102mm approximate working length
- Flexible plastic see-through stand-up case

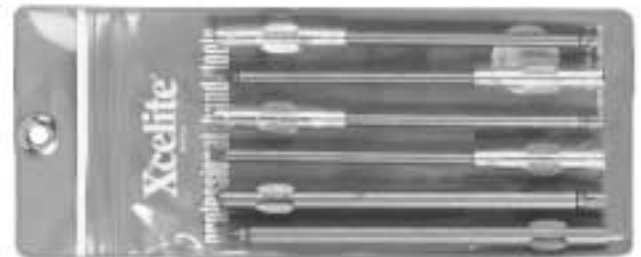
Metric Sizes



| Cat No.            | UPC No.      | Packed | Description         | Tool Length |     | Shelf Pack |
|--------------------|--------------|--------|---------------------|-------------|-----|------------|
|                    |              |        |                     | Inch        | mm  |            |
| <b>99PS41MMBP</b>  | 037103482327 | Boxed  | Complete set        | -           | -   | 3          |
| <b>99PS41MMBPV</b> | 037103490605 | Carded | Complete set carded | -           | -   | 3          |
| <b>991</b>         | 037103482532 | -      | Regular handle      | 4           | 102 | 6          |
| <b>99X5</b>        | 037103482501 | -      | Extension           | 4           | 102 | 6          |

## 99XTD7 Torx® Screwdriver Blade Kit

- Interchangeable blades
- Contains 6 blades 4"/102mm long and regular 991 handle
- 102mm approximate working length



| Cat No.        | UPC No.      | Packed | Tip Size       | Tool Length |     | Shelf Pack |
|----------------|--------------|--------|----------------|-------------|-----|------------|
|                |              |        |                | Inch        | mm  |            |
| <b>99XTD7</b>  | 037103490018 | Boxed  | Complete set   | -           | -   | 6          |
| <b>9910XTD</b> | 037103490025 | -      | T-10           | 4           | 102 | 6          |
| <b>9915XTD</b> | 037103490032 | -      | T-15           | 4           | 102 | 6          |
| <b>9920XTD</b> | 037103490049 | -      | T-20           | 4           | 102 | 6          |
| <b>9925XTD</b> | 037103490056 | -      | T-25           | 4           | 102 | 6          |
| <b>9927XTD</b> | 037103490063 | -      | T-27           | 4           | 102 | 6          |
| <b>9930XTD</b> | 037103490070 | -      | T-30           | 4           | 102 | 6          |
| <b>991</b>     | 037103482532 | -      | Regular Handle | -           | -   | 6          |

## 99PS40 Allen Hex Socket Type Screwdriver Set

### Inch Sizes

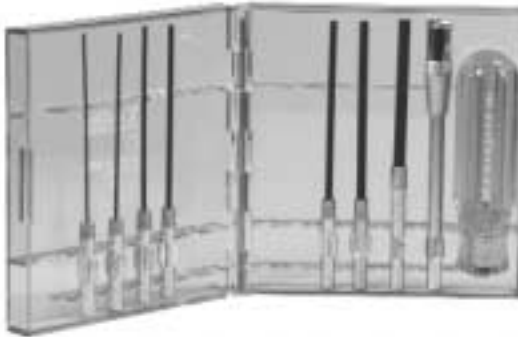


- 11-piece set
- See-through plastic case

| Cat No.        | UPC No.      | Packed | Diameter Inch       | Tool Length |     | Shelf Pack |
|----------------|--------------|--------|---------------------|-------------|-----|------------|
|                |              |        |                     | Inch        | mm  |            |
| <b>99PS40</b>  | 037103482273 | Boxed  | Complete set        | -           | -   | 3          |
| <b>99PS40V</b> | 037103482280 | Carded | Complete set carded | -           | -   | 3          |
| <b>991</b>     | 037103482532 | -      | Regular handle      | -           | -   | 6          |
| <b>9920</b>    | 037103482969 | -      | .050                | 4           | 102 | 6          |
| <b>9921</b>    | 037103482983 | -      | 1/16                | 4           | 102 | 6          |
| <b>9922</b>    | 037103483003 | -      | 5/64                | 4           | 102 | 6          |
| <b>9923</b>    | 037103483027 | -      | 3/32                | 4           | 102 | 6          |
| <b>99764</b>   | 037103483102 | -      | 7/64                | 4           | 102 | 6          |
| <b>9924</b>    | 037103483041 | -      | 1/8                 | 4           | 102 | 6          |
| <b>99964</b>   | 037103483119 | -      | 9/64                | 4           | 102 | 6          |
| <b>9925</b>    | 037103483065 | -      | 5/32                | 4           | 102 | 6          |
| <b>9926</b>    | 037103483089 | -      | 3/16                | 4           | 102 | 6          |
| <b>99X5</b>    | 037103482501 | -      | Extension           | 4           | 102 | 6          |

## 99PS41MM Allen Hex Socket Type Screwdriver Set

### Metric Sizes



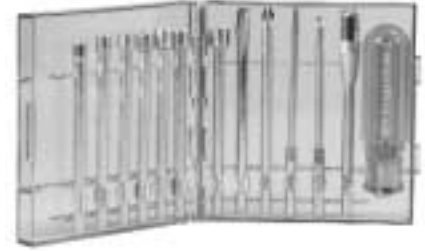
- Compact interchangeable blades
- Fits socket screws shown below
- 99X5 extension adds 102mm in length
- 991 handle 27mm x 105mm in length
- 102mm approximate working length
- Convenient see-through stand-up plastic case

| Cat No.          | UPC No.      | Packed | Diameter mm         | Socket head cap screws |           | Flat head cap screws thread |                    | Diameter mm | Shelf Pack |
|------------------|--------------|--------|---------------------|------------------------|-----------|-----------------------------|--------------------|-------------|------------|
|                  |              |        |                     | Set                    | screws mm | thread                      | thread diameter mm |             |            |
| <b>99PS41MM</b>  | 037103482310 | Boxed  | Complete set        | -                      | -         | -                           | -                  | -           | 3          |
| <b>99PS41MMV</b> | 037103490599 | Carded | Complete set carded | -                      | -         | -                           | -                  | -           | 3          |
| <b>9971MM</b>    | 037103483232 | -      | 1.27                | 2.6                    |           | 1.4                         |                    | -           | 6          |
| <b>9972MM</b>    | 037103483249 | -      | 1.5                 | 3                      |           | 1.7, 2                      |                    | -           | 6          |
| <b>9973MM</b>    | 037103483256 | -      | 2                   | 4                      |           | 2.3, 2.6                    |                    | 3           | 6          |
| <b>9974MM</b>    | 037103483263 | -      | 2.5                 | 5                      |           | 3                           |                    | 4           | 6          |
| <b>9975MM</b>    | 037103483270 | -      | 3                   | 6                      |           | 4                           |                    | 5           | 6          |
| <b>9976MM</b>    | 037103483287 | -      | 4                   | 8                      |           | 5                           |                    | 6           | 6          |
| <b>9977MM</b>    | 037103483294 | -      | 5                   | 10                     |           | 6                           |                    | 8           | 6          |
| <b>991</b>       | 037103482532 | -      | -                   | Regular handle         |           | -                           |                    | -           | 6          |
| <b>99X5</b>      | 037103482501 | -      | -                   | Extension              |           | -                           |                    | -           | 6          |

## 99PS50 Screwdriver and Nutdriver Set

- 13-piece set
- See-through stand-up plastic case

Inch Sizes

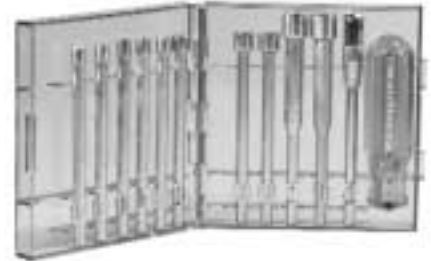


| Cat No.        | UPC No.      | Packed | Description          | Blade Diameter Inch | Tool Length |     | Shelf Pack |
|----------------|--------------|--------|----------------------|---------------------|-------------|-----|------------|
|                |              |        |                      |                     | Inch        | mm  |            |
| <b>99PS50</b>  | 037103482334 | Boxed  | Complete set         | -                   | -           |     | 3          |
| <b>99PS50V</b> | 037103482341 | Carded | Complete set carded  | -                   | -           |     | 3          |
| <b>996</b>     | 037103482693 | -      | Regular nutdriver    | 3/16                | 3 5/8       | 92  | 6          |
| <b>997</b>     | 037103482716 | -      | Regular nutdriver    | 7/32                | 3 5/8       | 92  | 6          |
| <b>998</b>     | 037103482747 | -      | Regular nutdriver    | 1/4                 | 3 5/8       | 92  | 6          |
| <b>999</b>     | 037103482792 | -      | Regular nutdriver    | 9/32                | 3 5/8       | 92  | 6          |
| <b>9910</b>    | 037103482822 | -      | Regular nutdriver    | 5/16                | 3 5/8       | 92  | 6          |
| <b>9911</b>    | 037103482853 | -      | Regular nutdriver    | 11/32               | 3 5/8       | 92  | 6          |
| <b>9912</b>    | 037103482884 | -      | Regular nutdriver    | 3/8                 | 3 5/8       | 92  | 6          |
| <b>99811</b>   | 037103483447 | -      | Slotted screwdriver  | 3/16                | 3 7/8       | 98  | 6          |
| <b>99250</b>   | 037103483393 | -      | Slotted screwdriver  | 1/4                 | 3 7/8       | 98  | 6          |
| <b>99821</b>   | 037103483485 | -      | Phillips screwdriver | No. 1               | 4           | 102 | 6          |
| <b>99822</b>   | 037103483508 | -      | Phillips screwdriver | No. 2               | 4           | 102 | 6          |
| <b>99X5</b>    | 037103482501 | -      | Extension            | -                   | 4           | 102 | 6          |
| <b>991</b>     | 037103482532 | -      | Regular handle       | -                   | 4           | 102 | 6          |

## 9PS51 MM Compact, Interchangeable Shank, Nutdriver Set

- 12-piece set
- Convenient see-through stand-up plastic case

Metric Sizes



| Cat No.          | UPC No.      | Packed | Approx. working Diameter mm | Hex head cap screws thread length mm | Hex nuts thread diameter mm | Diameter mm | Shelf Pack |
|------------------|--------------|--------|-----------------------------|--------------------------------------|-----------------------------|-------------|------------|
| <b>99PS51MM</b>  | 037103482358 | Boxed  | Complete set                | -                                    | -                           | -           | 3          |
| <b>99PS51MMV</b> | 037103482365 | Carded | Complete set carded         | -                                    | -                           | -           | 3          |
| <b>994MM</b>     | 037103482617 | -      | 4                           | 92                                   | -                           | 2           | 6          |
| <b>9945MM</b>    | 037103482624 | -      | 4.5                         | 92                                   | -                           | 2.3         | 6          |
| <b>995MM</b>     | 037103482662 | -      | 5                           | 92                                   | 2.6                         | 2.6         | 6          |
| <b>9955MM</b>    | 037103482679 | -      | 5.5                         | 92                                   | 3                           | 3           | 6          |
| <b>996MM</b>     | 037103482686 | -      | 6                           | 92                                   | 3.5                         | 3.5         | 6          |
| <b>997MM</b>     | 037103482723 | -      | 7                           | 92                                   | 4                           | 4           | 6          |
| <b>998MM</b>     | 037103482761 | -      | 8                           | 92                                   | 5                           | 5           | 6          |
| <b>999MM</b>     | 037103482808 | -      | 9                           | 92                                   | -                           | -           | 6          |
| <b>9910MM</b>    | 037103482839 | -      | 10                          | 102                                  | 6                           | 6           | 6          |
| <b>9911MM</b>    | 037103482860 | -      | 11                          | 102                                  | 7                           | 7           | 6          |
| <b>991</b>       | 037103482532 | -      | Regular handle              | 102                                  | -                           | -           | 6          |
| <b>99X5</b>      | 037103482501 | -      | Extension                   | 102                                  | -                           | -           | 6          |

## 99PS60 Bristol Multiple-spline Socket Type Screwdriver Set

### Inch Sizes



- 11-piece set
- Convenient see-through stand-up plastic case

| Cat No.        | UPC No.      | Packed | Diameter mm         | Tool Length |     | Shelf Pack |
|----------------|--------------|--------|---------------------|-------------|-----|------------|
|                |              |        |                     | Inch        | mm  |            |
| <b>99PS60</b>  | 037103482372 | Boxed  | Complete set        | -           | -   | 3          |
| <b>99PS60V</b> | 037103482389 | Carded | Complete set carded | -           | -   | 3          |
| <b>9961</b>    | 037103483140 | -      | .048                | 4           | 102 | 6          |
| <b>9962</b>    | 037103483157 | -      | .060                | 4           | 102 | 6          |
| <b>9963</b>    | 037103483164 | -      | .069                | 4           | 102 | 6          |
| <b>9964</b>    | 037103483171 | -      | .072                | 4           | 102 | 6          |
| <b>9965</b>    | 037103483188 | -      | .076                | 4           | 102 | 6          |
| <b>9966</b>    | 037103483195 | -      | .096                | 4           | 102 | 6          |
| <b>9967</b>    | 037103483201 | -      | .111                | 4           | 102 | 6          |
| <b>9968</b>    | 037103483218 | -      | .145                | 4           | 102 | 6          |
| <b>9969</b>    | 037103483225 | -      | .183                | 4           | 102 | 6          |
| <b>991</b>     | 037103482532 | -      | Regular handle      | 4           | 102 | 6          |
| <b>99X5</b>    | 037103482501 | -      | Extension           | 4           | 102 | 6          |

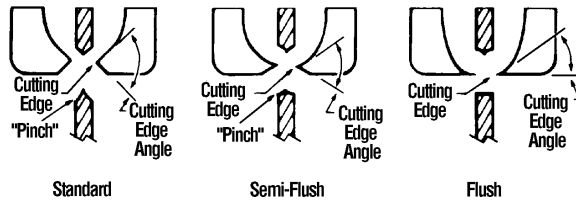
# Electronic Assembly Tools Plier Selection Information

## General

When selecting electronic cutting pliers, you should attempt to minimize your cost per cut by selecting the proper tool for each application. The type of cut, cutting area access, cutting edge quality and user preference will influence your choice.

## Type of Cut

Electronic pliers are available with cutting edge angles that produce standard, semi-flush and flush cuts. These terms refer to the amount of "pinch" left on the tip of a wire after it has been cut



**Standard** cutting edges should be used for applications that are not sensitive to either the amount of shock transmitted through the wire to the component (during cutting) or to the amount of "pinch" left on the wire tip (after cutting).

**Semi-flush** edges can be employed for most applications. They reduce shock transmittal and wire tip "pinch."

**Flush** edges should be selected only for delicate applications, which require minimal shock transmittal and wire tip "pinch." Flush cutters produce a clean cut, which facilitates soldering and increases connection reliability. With small cutting edge angles, the life of flush cutters is substantially less than that of semi-flush cutters. The larger the cutting edge angle, the more cuts you can expect from the tool. For electronic assembly work, the semi-flush cutter is often the most cost-effective choice.

## Cutting Area Access

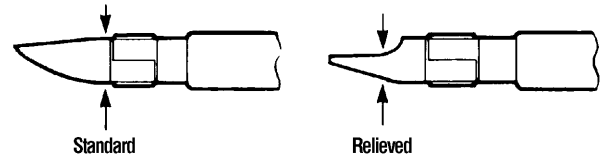
Access to cutting areas can determine the shape and thickness of the cutting head. Tight clearances around the cutting area, the need to reach over in-place components or to work from directly above, and visibility requirements are all factors which will affect your choice of a tool. However, it is important to recognize that head shape and thickness are directly related to cutting edge life



## Head Shape

Always select a cutter with the largest head that will meet your particular cutting requirements. It is a proven fact that more material behind the cutting edges gives more cuts and longer life.

Oval head cutters are the most versatile. They have the most material behind the cutting edges, and last longest. Tapered and angled head cutters should be selected only when access to the cutting area is limited. These cutters have less head mass, and provide proportionally fewer cuts.



## Head Thickness

Head thickness is related to cutting life in the same way as head shape. Cutting pliers with thicker heads also last longer. Whenever possible, use pliers with standard head thickness. Relieved head designs should be chosen only to accommodate difficult access problems.

## Cutting Edge Quality

The quality of a pair of cutting pliers can be determined by visual inspection. The blades should meet smoothly and evenly at the tips. From a point just behind the tips to the joint, an increasing amount of light should be visible



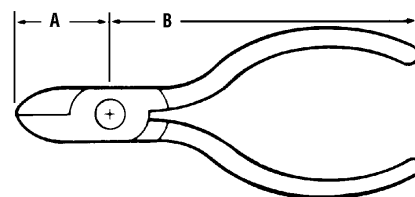
A precision tip interface assures clean cutting of fine wires, while the "no contact" area behind the tips extends cutter life by allowing the tips to continue to meet as they wear.

## User Preference

Other considerations can be a matter of personal preference. Handle shape, grip color, grip material, spring tension and leverage ratio are usually related to user comfort.

Proper spring tension will allow pliers to open and close with minimum effort. Finally, pliers with high leverage ratios provide the greatest ease of use and the longest life.

## Leverage Ratio



Leverage ratio is obtained by dividing dimension A into dimension B.

## Cutting capability guide

\* Maximum Tensile Strength

| Catalog Number | Flush Edge | Semi-Flush Edge | Standard Edge | 36 Ga. (.005) Teflon Coated Copper Wire | 25 Ga. (.017) Soft Copper Wire | 22 Ga. (.025) Soft Copper Wire | 20 Ga. (.034) *90,000 PSI Steel Wire | 20 Ga. (.034) *120,000 PSI Steel Wire | 18 Ga. (.047) *200,000 PSI Steel Wire |
|----------------|------------|-----------------|---------------|-----------------------------------------|--------------------------------|--------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|
| EC54J          | •          |                 |               |                                         | •                              | •                              | •                                    |                                       |                                       |
| EGA54J         | •          |                 |               |                                         | •                              | •                              | •                                    |                                       |                                       |
| EMS543J        | •          |                 |               |                                         | •                              | •                              | •                                    |                                       |                                       |
| EMS549J        | •          |                 |               |                                         | •                              | •                              | •                                    |                                       |                                       |
| EMS54          |            | •               |               |                                         |                                | •                              |                                      | •                                     |                                       |
| GA54J          | •          |                 |               |                                         | •                              | •                              | •                                    |                                       |                                       |
| LC665J         | •          |                 |               |                                         | •                              | •                              | •                                    |                                       |                                       |
| MS54           |            |                 | •             |                                         |                                |                                |                                      |                                       | •                                     |
| MS543J         | •          |                 |               |                                         | •                              | •                              | •                                    |                                       |                                       |
| MS545          |            | •               |               |                                         |                                | •                              |                                      | •                                     |                                       |
| MS545J         | •          |                 |               |                                         | •                              | •                              | •                                    |                                       |                                       |
| MS549J         | •          |                 |               |                                         | •                              | •                              | •                                    |                                       |                                       |
| S1415JS        | •          |                 |               |                                         | •                              | •                              | •                                    |                                       |                                       |
| S424JS         | •          |                 |               |                                         | •                              | •                              | •                                    |                                       |                                       |
| S54            |            |                 |               | •                                       |                                |                                | •                                    |                                       | •                                     |
| S54KS          |            | •               |               |                                         |                                | •                              |                                      | •                                     |                                       |
| S54S           |            |                 | •             |                                         |                                | •                              |                                      |                                       | •                                     |
| S55            |            |                 |               | •                                       |                                |                                | •                                    |                                       | •                                     |
| S55KS          |            | •               |               |                                         |                                | •                              |                                      | •                                     |                                       |
| S55S           |            |                 | •             |                                         |                                | •                              |                                      |                                       | •                                     |
| SN54           |            |                 | •             |                                         |                                |                                | •                                    |                                       | •                                     |
| SN55           |            |                 | •             |                                         |                                |                                | •                                    |                                       | •                                     |
| TC55           |            |                 | •             |                                         |                                |                                | •                                    |                                       | •                                     |

## Xcelite® Electronic Pliers

### Provide the ultimate in precision plier

- Manufactured to the highest professional quality
- Easily handles a wide range of electronic assembly requirements
- Smooth, easy-working, corrosion-proof joint
- Maintains perfect cutting edge and tip alignment
- All Xcelite® cutters and pliers are standard with ESD safe cushion grip handles. Exception: red grip products

## Xcelite® Diagonal Cutting Pliers

FLUSH OR SEMI-FLUSH CUTTING  
EDGES HANDLE MOST CUTTING  
REQUIREMENTS

CUTTING EDGES MACHINE GROUND  
AND ELECTRONICALLY HARDENED  
FOR EXTENDED LIFE

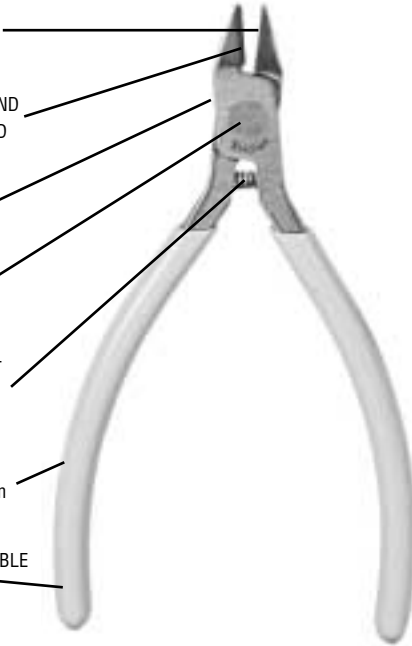
FORGED ALLOY STEEL WITH  
POLISHED HEAD FOR HIGH  
DURABILITY

STEEL RIVET FOR SMOOTH  
OPERATION AND LONG LIFE

HANDLE COIL SPRINGS FOR FAST  
CUTTING ACTION (Standard on all  
Models)

ESD SAFE CUSHION GRIPS FOR  
MAXIMUM COMFORT (Standard on  
all Models)

"ACCU-LITE" GRIPS ALSO AVAILABLE  
ON MANY MODELS



### Pliers Features and Benefits

- Lightweight, miniature plier line. Includes versatile selection of diagonal, angular, tip and end cutters plus wiring and assembly tools.
- Choice of oval, tapered, relieved and angled head designs for general or confined area cutting.
- Full flush or semi-flush cutting edges machine ground and electronically hardened for extended life in cutting either hard or soft wires.
- Needle nose styles include long, short, curved, flat and round to handle most forming, looping, twisting, insertion and pickup jobs.
- Copaloy joint maintains perfect cutting edge and tip alignment to maximize operational consistency and tool life.
- Handle coil springs, standard on all Copaloy pliers, allow faster cutting action with reduced user fatigue.
- Forged from high quality alloy steel for maximum strength and durability.
- Precision ground to close tolerances, individually finished and tested to ensure exact fit of jaws.
- Polished heads with gun metal handles.
- Made in U.S.A.



### CAUTION

1. Always wear approved eye protection.
2. Cushioned handles are not intended to provide protection against electric shock. Do not use on or near energized circuits.
3. When cutting wire or metal, hold short end to prevent flying pieces.



## Accu-Lite Handles Meet The Optimum Criteria For Hand Tools:

THUMB FLAIR INCREASES TOOL  
CONTROL

EXCLUSIVE, SOFT, NON-SLIP FOAM  
GRIPS PROVIDE POSITIVE GRIPPING  
AND MAXIMUM COMFORT

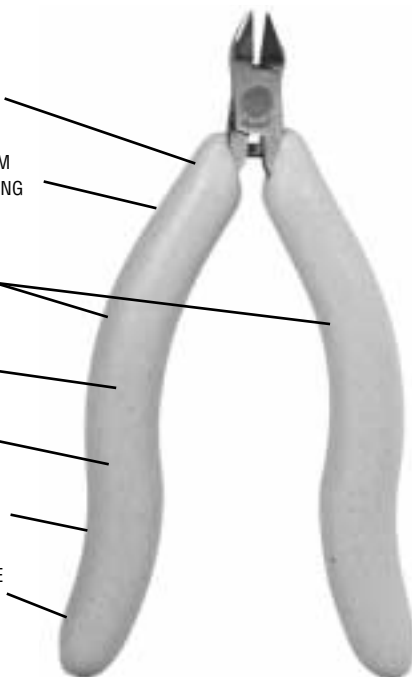
IDENTICALLY FORMED HANDLES  
ALLOW EITHER RIGHT OR  
LEFT-HAND USE

ANTI-STATIC GRIP MATERIAL  
DISSIPATES STATIC CHARGES

SOIL RESISTANT SURFACE  
EXTENDS GRIP LIFE

CONCAVE CONFIGURATION  
DISPERSES GRIPPING PRESSURE

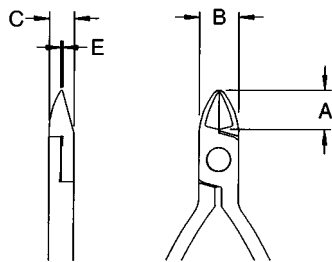
EXTENDED HANDLE PERMITS USE  
OF ALL FINGERS



- **Lightweight construction**
- **Extended handle length** allows even application of force from all four fingers.
- **Exclusive, smooth, soft foam cushion grips** are free of abrupt edges and finger indentations.
- **Grip material is non-slip and compressible** to allow positive gripping and to absorb mechanical shock.
- **Handle contours adaptable for either right or left-hand use.**



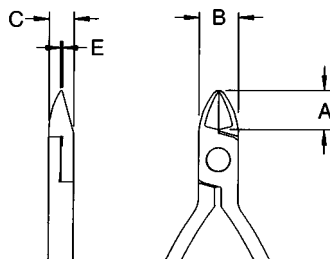
## Oval Head Cutter - Semi-flush



- Diagonal cutting pliers/semi-flush
- General-purpose cutting
- Oval head for long life
- Features green cushion grips

| Cat No.      | UPC No.      | Packed | Length |     | A     |    | B    |    | C    |    | E    |    | Pack Wt. |     | Shelf Pack |
|--------------|--------------|--------|--------|-----|-------|----|------|----|------|----|------|----|----------|-----|------------|
|              |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch | mm | Inch | mm | lb       | g   |            |
| <b>MS54</b>  | 043127069451 | Bagged | 4      | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7  | 1/32 | .8 | .78      | 354 | 6          |
| <b>MS54V</b> | 043127085444 | Carded | 4      | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7  | 1/32 | .8 | .78      | 354 | 6          |

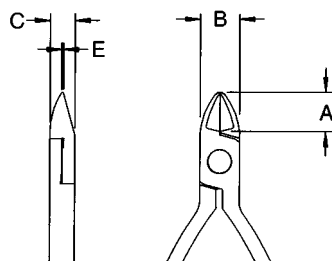
## Oval Head Cutter - Flush



- Oval head diagonal cutter
- Flush cutting
- General use
- Features green cushion grips

| Cat No.      | UPC No.      | Packed | Length |     | A     |    | B    |    | C    |    | E    |    | Pack Wt. |     | Shelf Pack |
|--------------|--------------|--------|--------|-----|-------|----|------|----|------|----|------|----|----------|-----|------------|
|              |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch | mm | Inch | mm | lb       | g   |            |
| <b>MS54J</b> | 043127160448 | Bagged | 4      | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7  | 1/32 | .8 | 1.11     | 504 | 6          |

## Tapered Head Diagonal Cutter

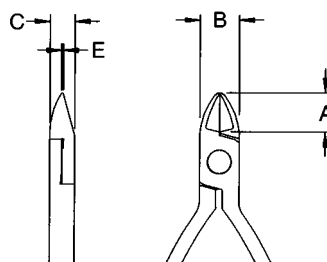


- Tapered head diagonal cutter
- Flush cutting of leads in restricted spaces
- Narrow tips give increased clearance
- Features green cushion grips
- Suffix "W" indicates wire catcher

| Cat No.        | UPC No.      | Packed | Length |     | A     |    | B    |    | C    |    | E    |    | Pack Wt. |     | Shelf Pack |
|----------------|--------------|--------|--------|-----|-------|----|------|----|------|----|------|----|----------|-----|------------|
|                |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch | mm | Inch | mm | lb       | g   |            |
| <b>MS549J</b>  | 043127170508 | Bagged | 4      | 100 | 15/32 | 12 | 7/16 | 11 | 9/32 | 7  | 3/64 | 1  | .96      | 435 | 6          |
| <b>MS549JV</b> | 043127085420 | Carded | 4      | 100 | 15/32 | 12 | 7/16 | 11 | 9/32 | 7  | 3/64 | 1  | .96      | 435 | 6          |
| <b>MS549JW</b> | 043127170539 | Bagged | 4      | 100 | 15/32 | 12 | 7/16 | 11 | 9/32 | 7  | 3/64 | 1  | .96      | 435 | 6          |

## Oval Head Diagonal Cutter

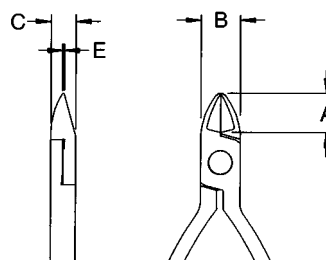
- Oval head diagonal cutter
- Semi-flush cutting
- General-purpose cutting of steel wires
- Accu-Lite handles (see page 443)



| Cat No. | UPC No.      | Packed | Length |     | A     |    | B    |    | C    |    | E    |    | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|-------|----|------|----|------|----|------|----|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch | mm | Inch | mm | lb       | g   |            |
| EMS54   | 043127104374 | Bagged | 5 1/2  | 138 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7  | 1/32 | .8 | .96      | 435 | 6          |

## Tapered Head Diagonal Cutter

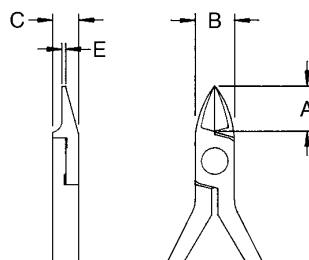
- Tapered head diagonal cutter
- Flush cutting
- Accu-Lite handles (see page 443)



| Cat No. | UPC No.      | Packed | Length |     | A     |    | B    |    | C    |    | E    |    | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|-------|----|------|----|------|----|------|----|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch | mm | Inch | mm | lb       | g   |            |
| EMS549J | 043127104343 | Bagged | 5 1/2  | 138 | 15/32 | 12 | 7/16 | 11 | 9/32 | 7  | 3/64 | 1  | .78      | 354 | 6          |

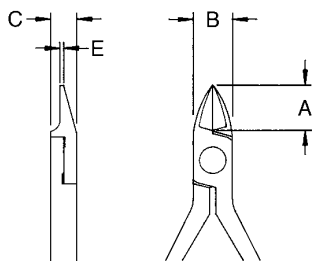
## Relieved Tapered Head Cutter

- Diagonal cutting pliers
- Relieved tapered head-flush cutter
- Allows use between closely spaced components
- Features green cushion grips



| Cat No. | UPC No.      | Packed | Length |     | A     |    | B    |    | C    |    | E    |    | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|-------|----|------|----|------|----|------|----|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch | mm | Inch | mm | lb       | g   |            |
| MS543J  | 043127170676 | Bagged | 4      | 100 | 15/32 | 12 | 7/16 | 11 | 9/32 | 7  | 3/64 | 1  | .78      | 354 | 6          |
| MS543JV | 037103129086 | Carded | 4      | 100 | 15/32 | 12 | 7/16 | 11 | 9/32 | 7  | 3/64 | 1  | .78      | 354 | 6          |

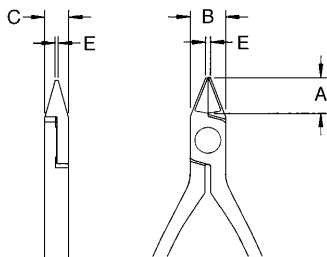
## Relieved Tapered Head Diagonal Cutter



- Relieved tapered head diagonal cutter
- Flush cutting
- Clears closely spaced components
- Accu-Lite handles (see page 443)

| Cat No. | UPC No.      | Packed | Length |     | A     |    | B    |    | C    |    | E    |    | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|-------|----|------|----|------|----|------|----|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch | mm | Inch | mm | lb       | g   |            |
| EMS543J | 043127104329 | Bagged | 5 1/2  | 138 | 15/32 | 12 | 7/16 | 11 | 9/32 | 7  | 3/64 | 1  | .78      | 354 | 6          |

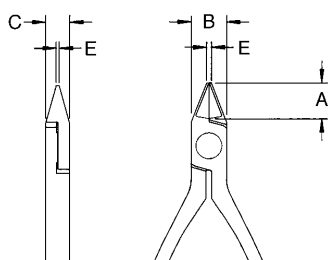
## Slim Line Tapered Head Cutter



- Diagonal cutting pliers
- Slim line tapered head
- Semi-flush cutting
- Features green cushion grip

| Cat No. | UPC No.      | Packed | Length |     | A     |    | B    |    | C    |    | E           |          | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|-------|----|------|----|------|----|-------------|----------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch | mm | Inch        | mm       | lb       | g   |            |
| MS545   | 043127069482 | Bagged | 4      | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7  | 1/16 x 1/32 | 1.5 x .9 | .78      | 354 | 6          |
| MS545V  | 037103129116 | Carded | 4      | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7  | 1/16 x 1/32 | 1.5 x .9 | .96      | 435 | 6          |

## Slim Line Tapered Head Cutter

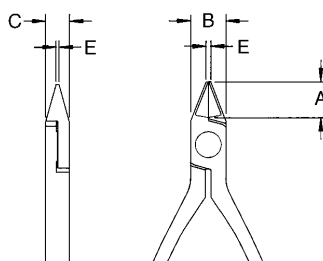


- Diagonal cutting pliers
- Slim line tapered head
- Flush cutting
- Features green cushion grips

| Cat No. | UPC No.      | Packed | Length |     | A     |    | B    |    | C    |    | E           |          | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|-------|----|------|----|------|----|-------------|----------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch | mm | Inch        | mm       | lb       | g   |            |
| MS545J  | 043127170713 | Bagged | 4      | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7  | 1/16 x 1/32 | 1.5 x .9 | 1.01     | 458 | 6          |
| MS545JV | 043127086038 | Carded | 4      | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7  | 1/16 x 1/32 | 1.5 x .9 | 1.01     | 458 | 6          |

## Slim Line Tapered Diagonal Cutter

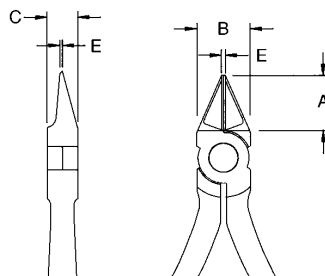
- Slim line tapered diagonal cutter
- Flush cutting
- Allows use between closely spaced components
- Accu-Lite handles (see page 443)



| Cat No. | UPC No.      | Packed | Length |     | A     |    | B    |    | C    |    | E    |    | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|-------|----|------|----|------|----|------|----|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch | mm | Inch | mm | lb       | g   |            |
| EMS545J | 043127104336 | Bagged | 5 1/2  | 138 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7  | 1/32 | .8 | .78      | 354 | 6          |

## Relieved Head Diagonal Cutter

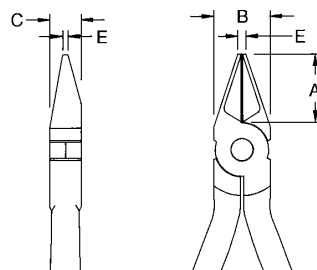
- Relieved tapered head diagonal cutter
- Flush cutting
- For use in limited access areas
- Features green cushion grips



| Cat No.        | UPC No.      | Packed | Length |     | A    |    | B     |    | C    |    | E           |        | Pack Wt. |     | Shelf Pack |
|----------------|--------------|--------|--------|-----|------|----|-------|----|------|----|-------------|--------|----------|-----|------------|
|                |              |        | Inch   | mm  | Inch | mm | Inch  | mm | Inch | mm | Inch        | mm     | lb       | g   |            |
| <b>S424JS</b>  | 043127062704 | Bagged | 4      | 100 | 5/8  | 16 | 37/64 | 15 | 5/16 | 8  | 3/64 x 1/32 | 1 x .8 | 1.33     | 603 | 6          |
| <b>S424JSV</b> | 043127128691 | Carded | 4      | 100 | 5/8  | 16 | 37/64 | 15 | 5/16 | 8  | 3/64 x 1/32 | 1 x .8 | 1.33     | 603 | 6          |

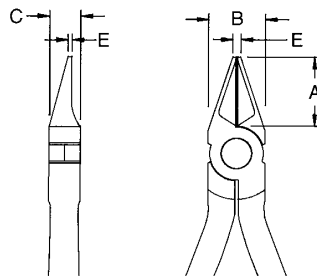
## Tapered Head Diagonal Cutter

- Tapered head diagonal cutter
- Flush cutting
- Used for cutting component leads
- Features green cushion grips



| Cat No.        | UPC No.      | Packed | Length |     | A    |    | B     |    | C    |    | E           |         | Pack Wt. |     | Shelf Pack |
|----------------|--------------|--------|--------|-----|------|----|-------|----|------|----|-------------|---------|----------|-----|------------|
|                |              |        | Inch   | mm  | Inch | mm | Inch  | mm | Inch | mm | Inch        | mm      | lb       | g   |            |
| <b>S475JS</b>  | 043127062933 | Bagged | 5      | 125 | 3/4  | 19 | 19/32 | 15 | 3/8  | 10 | 3/32 x 1/16 | 2 x 1.5 | 1.47     | 667 | 6          |
| <b>S475JSV</b> | 043127128714 | Carded | 5      | 125 | 3/4  | 19 | 19/32 | 15 | 3/8  | 10 | 3/32 x 1/16 | 2 x 1.5 | 1.47     | 667 | 6          |

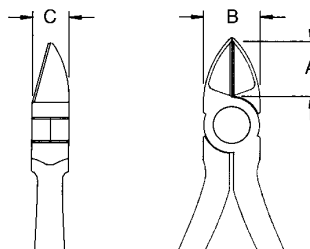
## Tapered Relieved Head Diagonal Cutter



- Tapered relieved head diagonal cutter
- Flush cutting
- For use in limited access areas
- Features green cushion grips

| Cat No.        | UPC No.      | Packed | Length |     | A     |    | B     |    | C    |    | E           |       | Pack Wt. |     | Shelf Pack |
|----------------|--------------|--------|--------|-----|-------|----|-------|----|------|----|-------------|-------|----------|-----|------------|
|                |              |        | Inch   | mm  | Inch  | mm | Inch  | mm | Inch | mm | Inch        | mm    | lb       | g   |            |
| <b>S1415JS</b> | 043127062926 | Bagged | 5      | 125 | 49/64 | 19 | 19/32 | 15 | 3/8  | 10 | 3/32 x 3/64 | 2 x 1 | 1.5      | 680 | 6          |

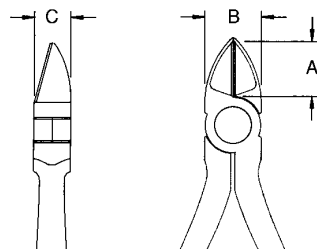
## Diagonal Lead Cutter



- Diagonal lead cutter
- Heavy-duty cutting
- Features green cushion grips
- S54S same as S54 plus handle coil spring

| Cat No.      | UPC No.      | Packed | Length |     | A    |    | B     |    | C    |    | Pack Wt. |     | Shelf Pack |
|--------------|--------------|--------|--------|-----|------|----|-------|----|------|----|----------|-----|------------|
|              |              |        | Inch   | mm  | Inch | mm | Inch  | mm | Inch | mm | lb       | g   |            |
| <b>S54</b>   | 043127130090 | Bagged | 4 1/2  | 112 | 5/8  | 16 | 37/64 | 15 | 3/8  | 9  | 1.32     | 599 | 6          |
| <b>S54S</b>  | 043127130120 | Bagged | 4 1/2  | 112 | 5/8  | 16 | 37/64 | 15 | 3/8  | 9  | 1.32     | 599 | 6          |
| <b>S54SV</b> | 043127128721 | Carded | 4 1/2  | 112 | 5/8  | 16 | 37/64 | 15 | 3/8  | 9  | 1.32     | 599 | 6          |

## Diagonal Lead Cutter

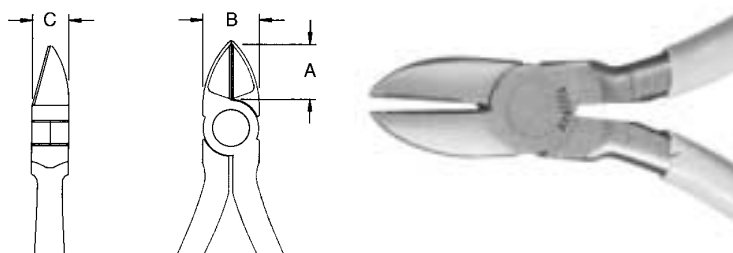


- Diagonal lead cutter with handle coil spring
- Heavy-duty cutting
- Semi-flush cutter
- Features green cushion grips

| Cat No.      | UPC No.      | Packed | Length |     | A    |    | B     |    | C    |    | Pack Wt. |     | Shelf Pack |
|--------------|--------------|--------|--------|-----|------|----|-------|----|------|----|----------|-----|------------|
|              |              |        | Inch   | mm  | Inch | mm | Inch  | mm | Inch | mm | lb       | g   |            |
| <b>S54KS</b> | 043127130144 | Bagged | 4 1/2  | 112 | 5/8  | 16 | 37/64 | 15 | 3/8  | 9  | 1.32     | 599 | 6          |

## Oval Head Diagonal Cutter

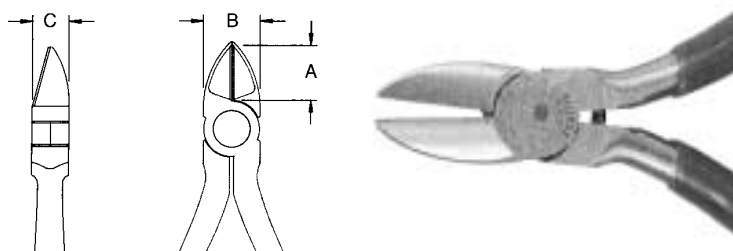
- Oval head diagonal cutter
- Regular beveled edge
- Features green cushion grips
- S55S same as S55 plus handle coil spring



| Cat No.     | UPC No.      | Packed | Length |     | A     |    | B     |    | C    |    | Pack Wt. |     | Shelf Pack |
|-------------|--------------|--------|--------|-----|-------|----|-------|----|------|----|----------|-----|------------|
|             |              |        | Inch   | mm  | Inch  | mm | Inch  | mm | Inch | mm | lb       | g   |            |
| <b>S55</b>  | 043127130229 | Bagged | 5      | 125 | 49/64 | 19 | 19/32 | 15 | 3/8  | 9  | 1.5      | 680 | 6          |
| <b>S55S</b> | 043127130243 | Bagged | 5      | 125 | 49/64 | 19 | 19/32 | 15 | 3/8  | 9  | 1.5      | 680 | 6          |

## Oval Head Diagonal Cutter

- Oval head diagonal cutter with handle coil spring
- Heavy-duty cutting
- Semi-flush cutter
- Features green cushion grips

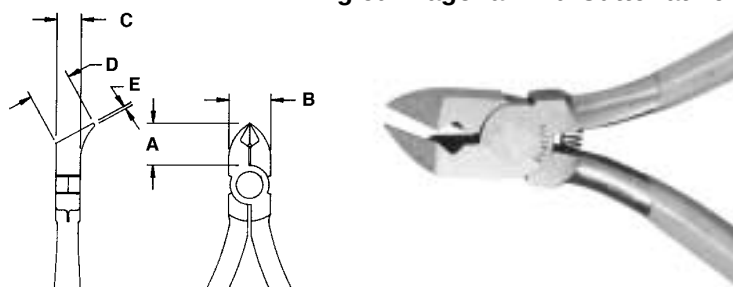


| Cat No.      | UPC No.      | Packed | Length |     | A     |    | B     |    | C    |    | Pack Wt. |     | Shelf Pack |
|--------------|--------------|--------|--------|-----|-------|----|-------|----|------|----|----------|-----|------------|
|              |              |        | Inch   | mm  | Inch  | mm | Inch  | mm | Inch | mm | lb       | g   |            |
| <b>S55KS</b> | 043127130298 | Bagged | 5      | 125 | 49/64 | 19 | 19/32 | 15 | 3/8  | 9  | 1.5      | 680 | 6          |

## Xcelite® Diagonal End Cutter Pliers

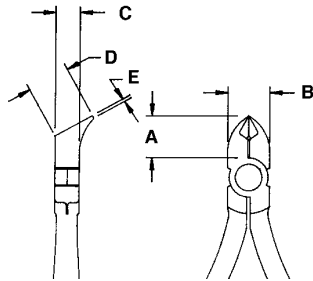
Angled Diagonal End Cutter at 29°

- Angled diagonal end cutter at 29°
- Flush cutting
- For cutting directly above the work area
- To use on closely spaced adjacent components
- Features green cushion grips



| Cat No.       | UPC No.      | Packed | Length |     | A    |    | B    |    | C    |    | D    |    | E    |    | Pack Wt. |     | Shelf Pack |
|---------------|--------------|--------|--------|-----|------|----|------|----|------|----|------|----|------|----|----------|-----|------------|
|               |              |        | Inch   | mm  | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb       | g   |            |
| <b>GA54J</b>  | 043127170331 | Bagged | 4      | 100 | 7/16 | 11 | 7/16 | 11 | 9/32 | 7  | 7/16 | 11 | 1/32 | .8 | .96      | 454 | 6          |
| <b>GA54JV</b> | 043127085475 | Carded | 4      | 100 | 7/16 | 11 | 7/16 | 11 | 9/32 | 7  | 7/16 | 11 | 1/32 | .8 | .96      | 454 | 6          |

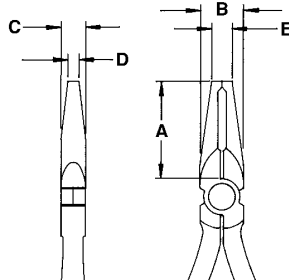
## Angled Head Cutter



- Angled cutter
- Flush cutting edges
- Head angle allows cutting from above
- Accu-Lite handles (see page 443)

| Cat No.       | UPC No.      | Packed | Length |     | A    |    | B    |    | C    |    | D    |    | E    |    | Pack Wt. |     | Shelf Pack |
|---------------|--------------|--------|--------|-----|------|----|------|----|------|----|------|----|------|----|----------|-----|------------|
|               |              |        | Inch   | mm  | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb       | g   |            |
| <b>EGA54J</b> | 043127064197 | Bagged | 5 1/2  | 138 | 7/16 | 11 | 7/16 | 11 | 9/32 | 7  | 7/16 | 11 | 1/32 | .8 | .96      | 454 | 6          |

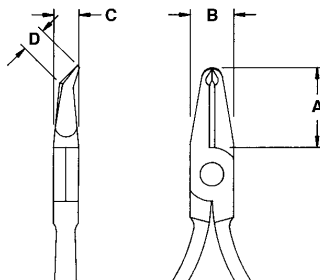
## Transverse End Cutter



- Transverse end cutter
- Flush cutting edge
- Vertical cutting in tight spaces
- Features green cushion grips

| Cat No.       | UPC No.      | Packed | Length |     | A    |    | B    |    | C    |    | D    |    | E    |    | Pack Wt. |     | Shelf Pack |
|---------------|--------------|--------|--------|-----|------|----|------|----|------|----|------|----|------|----|----------|-----|------------|
|               |              |        | Inch   | mm  | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb       | g   |            |
| <b>EC54J</b>  | 043127170096 | Bagged | 4 1/2  | 112 | 1    | 25 | 7/16 | 11 | 9/32 | 7  | 1/8  | 3  | 3/16 | 5  | .78      | 354 | 6          |
| <b>EC54JV</b> | 037103129123 | Carded | 4 1/2  | 112 | 1    | 25 | 7/16 | 11 | 9/32 | 7  | 1/8  | 3  | 3/16 | 5  | .78      | 354 | 6          |

## Angled Tip Cutter

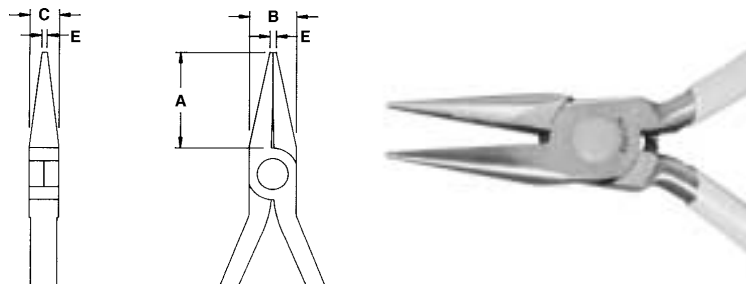


- Angled tip cutter
- Flush cutting in dense areas
- Thin angled nose for high visibility
- Features green cushion grips

| Cat No.        | UPC No.      | Packed | Length |     | A     |    | B    |    | C     |    | D    |    | Pack Wt. |     | Shelf Pack |
|----------------|--------------|--------|--------|-----|-------|----|------|----|-------|----|------|----|----------|-----|------------|
|                |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch  | mm | Inch | mm | lb       | g   |            |
| <b>LC665J</b>  | 043127062742 | Bagged | 4 1/2  | 112 | 29/32 | 23 | 1/2  | 13 | 19/64 | 7  | 1/4  | 6  | .96      | 454 | 6          |
| <b>LC665JV</b> | 037103129192 | Carded | 4 1/2  | 112 | 29/32 | 23 | 1/2  | 13 | 19/64 | 7  | 1/4  | 6  | .96      | 454 | 6          |

## Diagonal Chain Nose Pliers - Short Chain Nose Pliers

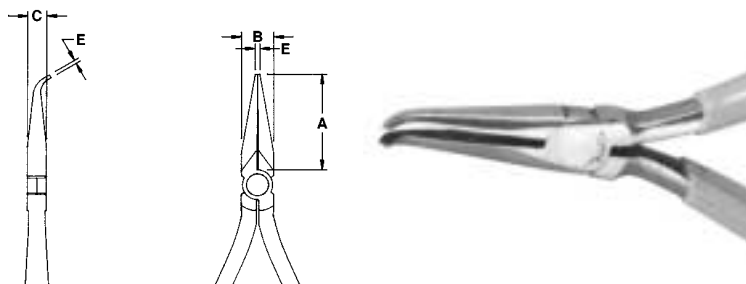
- Short chain nose pliers
- Serrated jaws
- Heavy-duty
- Features green cushion grips



| Cat No. | UPC No.      | Packed | Length |     | A      |    | B     |    | C    |    | E           |           | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|--------|----|-------|----|------|----|-------------|-----------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch   | mm | Inch  | mm | Inch | mm | Inch        | mm        | lb       | g   |            |
| LN225   | 043127063138 | Bagged | 5      | 125 | 1 9/64 | 29 | 17/32 | 14 | 9/32 | 7  | 1/16 x 1/16 | 1.5 x 1.5 | 1.14     | 517 | 6          |

## 60° Curved Nose Pliers

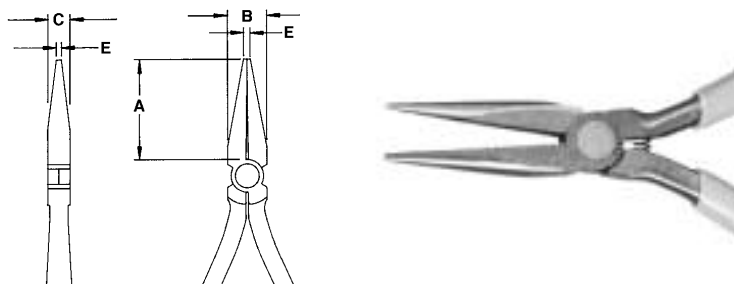
- Curved nose pliers
- Thin tip
- CN255, CN255G feature green cushion grips
- Features smooth jaws



| Cat No. | UPC No.      | Packed | Length |     | A       |    | B     |    | C    |    | E    |    | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|---------|----|-------|----|------|----|------|----|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch    | mm | Inch  | mm | Inch | mm | Inch | mm | lb       | g   |            |
| CN255   | 043127063022 | Bagged | 5      | 125 | 1 15/64 | 31 | 27/64 | 11 | 9/32 | 7  | 3/64 | 1  | .90      | 408 | 6          |
| CN255V  | 037103129147 | Carded | 5      | 125 | 1 15/64 | 31 | 27/64 | 11 | 9/32 | 7  | 3/64 | 1  | .90      | 408 | 6          |
| CN255G  | 043127063091 | Bagged | 5      | 125 | 1 15/64 | 31 | 27/64 | 11 | 9/32 | 7  | 3/64 | 1  | .90      | 408 | 6          |

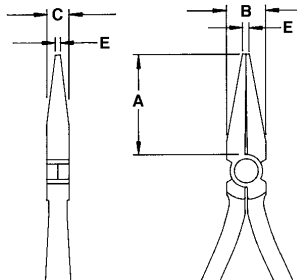
## Diagonal Long Needle Nose Pliers - Thin Long Nose Pliers

- Thin long nose pliers
- General-purpose use
- Serrated jaws
- For pick-up and wire forming
- Features green cushion grips
- LN54CS packaged on a clip strip merchandising wand



| Cat No. | UPC No.      | Packed | Length |     | A      |    | B    |    | C    |    | E           |         | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|--------|----|------|----|------|----|-------------|---------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch   | mm | Inch | mm | Inch | mm | Inch        | mm      | lb       | g   |            |
| LN54    | 043127170003 | Bagged | 5      | 125 | 1 3/16 | 30 | 7/16 | 11 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | .96      | 435 | 6          |
| LN54V   | 043127085468 | Carded | 5      | 125 | 1 3/16 | 30 | 7/16 | 11 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | .96      | 435 | 6          |

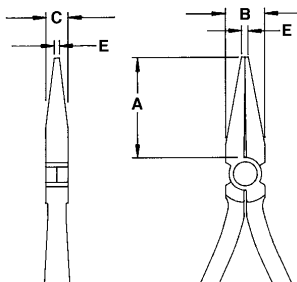
## Thin Long Nose Pliers - Fine Point



- Thin long nose pliers
- Fine point for precision work
- For pick-up and wire forming
- Serrated jaws
- Features green cushion grips

| Cat No. | UPC No.      | Packed | Length |     | A      |    | B    |    | C    |    | E           |          | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|--------|----|------|----|------|----|-------------|----------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch   | mm | Inch | mm | Inch | mm | Inch        | mm       | lb       | g   |            |
| LN542   | 043127170065 | Bagged | 5      | 125 | 1 3/16 | 30 | 7/16 | 11 | 9/32 | 7  | 3/64 x 1/32 | 1.2 x .8 | .96      | 435 | 6          |

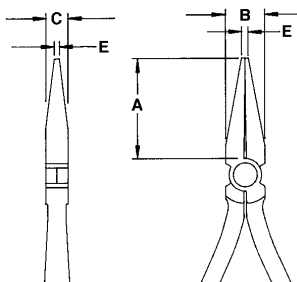
## Thin Long Nose Pliers - Smooth Jaws



- Thin long nose pliers with smooth jaws
- General-purpose use
- For pick-up and wire forming
- Features green cushion grips

| Cat No. | UPC No.      | Packed | Length |     | A      |    | B    |    | C    |    | E           |         | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|--------|----|------|----|------|----|-------------|---------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch   | mm | Inch | mm | Inch | mm | Inch        | mm      | lb       | g   |            |
| LN54G   | 043127170027 | Bagged | 5      | 125 | 1 3/16 | 30 | 7/16 | 11 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | 1.14     | 517 | 6          |
| LN54GV  | 037103129154 | Carded | 5      | 125 | 1 3/16 | 30 | 7/16 | 11 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | 1.14     | 517 | 6          |

## Thin Long Nose Pliers

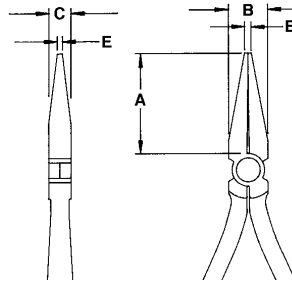


- Thin long nose pliers
- General-purpose use pick-up and wire forming
- ELN54 features fine serrated jaws
- ELN54G features smooth jaws
- Accu-Lite handles (see page 443)

| Cat No. | UPC No.      | Packed | Length |     | A      |    | B    |    | C    |    | E           |         | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|--------|----|------|----|------|----|-------------|---------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch   | mm | Inch | mm | Inch | mm | Inch        | mm      | lb       | g   |            |
| ELN54   | 043127170010 | Bagged | 6 1/2  | 163 | 1 3/16 | 30 | 7/16 | 11 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | .96      | 435 | 6          |
| ELN54G  | 043127104350 | Bagged | 6 1/2  | 163 | 1 3/16 | 30 | 7/16 | 11 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | .96      | 435 | 6          |

## Thin Long Nose Pliers

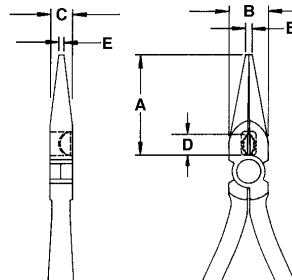
- Thin long nose pliers
- General-purpose
- Fine serrated jaws
- Features green cushion grips



| Cat No. | UPC No.      | Packed | Length |     | A       |    | B     |    | C    |    | E           |         | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|---------|----|-------|----|------|----|-------------|---------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch    | mm | Inch  | mm | Inch | mm | Inch        | mm      | lb       | g   |            |
| LN55    | 043127068997 | Bagged | 5 1/2  | 138 | 1 11/16 | 43 | 17/32 | 14 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | 1.5      | 680 | 6          |
| LN55V   | 037103129161 | Carded | 5 1/2  | 138 | 1 11/16 | 43 | 17/32 | 14 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | 1.5      | 680 | 6          |

## Long Nose Side Cutting Pliers

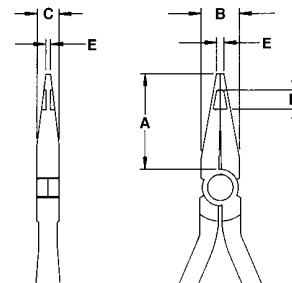
- Long nose side cutting pliers
- For general wire applications
- For reaching into confined working spaces
- Serrated jaws
- Features green cushion grips
- SN55CS packaged on a clip strip merchandising wand



| Cat No. | UPC No.      | Packed | Length |     | A       |    | B     |    | C    |    | D    |    | E           |         | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|---------|----|-------|----|------|----|------|----|-------------|---------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch    | mm | Inch  | mm | Inch | mm | Inch | mm | Inch        | mm      | lb       | g   |            |
| SN54    | 043127170225 | Bagged | 5      | 125 | 1 3/16  | 30 | 17/32 | 14 | 9/32 | 7  | 1/4  | 6  | 5/64 x 1/16 | 2 x 1.6 | .96      | 435 | 6          |
| SN55V   | 037103129185 | Carded | 5 1/2  | 138 | 1 11/16 | 43 | 17/32 | 14 | 9/32 | 7  | 3/8  | 10 | 5/64 x 1/16 | 2 x 1.6 | 1.32     | 599 | 6          |

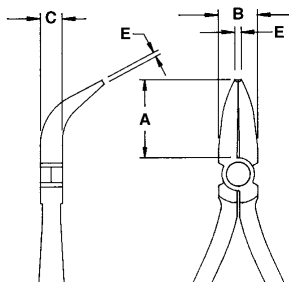
## Wiring Pliers with Tip Cutter

- Wiring pliers with tip cutter
- Long nose
- Features green cushion grips



| Cat No. | UPC No.      | Packed | Length |     | A     |    | B     |    | C    |    | D    |     | E           |           | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|-------|----|-------|----|------|----|------|-----|-------------|-----------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch  | mm | Inch  | mm | Inch | mm | Inch | mm  | Inch        | mm        | lb       | g   |            |
| TC55    | 043127070587 | Bagged | 5 1/2  | 138 | 1 1/4 | 32 | 17/32 | 14 | 9/32 | 7  | 1/4  | 6.4 | 3/32 x 1/16 | 2.4 x 1.6 | 1.33     | 603 | 6          |

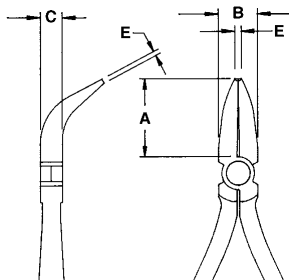
## 60° Curved Long Nose Pliers



- 60° curved long nose pliers
- Smooth jaws
- For reaching between closely spaced components
- Features green cushion grips

| Cat No. | UPC No.      | Packed | Length |     | A     |    | B    |    | C    |    | E           |         | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|-------|----|------|----|------|----|-------------|---------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch | mm | Inch        | mm      | lb       | g   |            |
| CN54G   | 043127170423 | Bagged | 5      | 125 | 15/16 | 24 | 7/16 | 11 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | 1.14     | 517 | 6          |

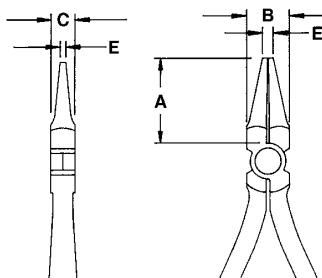
## 45° Curved Long Nose Pliers



- 45° curved long nose pliers
- Smooth jaws
- For reaching over assembled components in confined areas
- Features green cushion grips

| Cat No. | UPC No.      | Packed | Length |     | A      |    | B    |    | C    |    | E           |         | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|--------|----|------|----|------|----|-------------|---------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch   | mm | Inch | mm | Inch | mm | Inch        | mm      | lb       | g   |            |
| CN55G   | 043127170140 | Bagged | 5 1/2  | 138 | 1 9/16 | 40 | 7/32 | 14 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | 1.5      | 680 | 6          |

## Round Nose Pliers

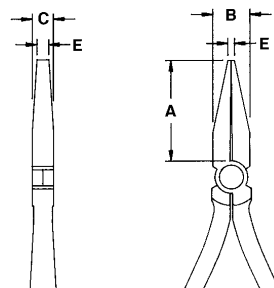


- Round nose pliers
- Round, smooth jaws tapered to point
- For looping and forming of fine wire
- Features green cushion grips

| Cat No. | UPC No.      | Packed | Length |     | A    |    | B    |    | C    |    | E          |         | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|------|----|------|----|------|----|------------|---------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch | mm | Inch | mm | Inch | mm | Inch       | mm      | lb       | g   |            |
| RN54    | 043127170966 | Bagged | 4 1/2  | 113 | 7/8  | 22 | 7/16 | 11 | 9/32 | 7  | 1/8 x 1/16 | 3 x 1.6 | .96      | 435 | 6          |

## Flat Nose Pliers

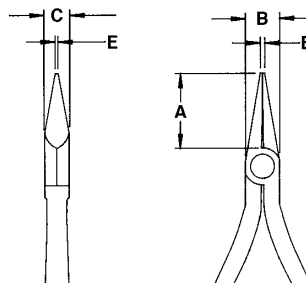
- Flat nose pliers
- Smooth jaws
- For holding and forming wire and small parts
- Features green cushion grips



| Cat No.       | UPC No.      | Packed | Length |     | A      |    | B    |    | C    |    | E           |         | Pack Wt. |     | Shelf Pack |
|---------------|--------------|--------|--------|-----|--------|----|------|----|------|----|-------------|---------|----------|-----|------------|
|               |              |        | Inch   | mm  | Inch   | mm | Inch | mm | Inch | mm | Inch        | mm      | lb       | g   |            |
| <b>DN54G</b>  | 043127170461 | Bagged | 5      | 125 | 1 3/16 | 30 | 7/16 | 11 | 9/32 | 7  | 5/64 x 9/64 | 2 x 3.6 | 1.11     | 504 | 6          |
| <b>DN54GV</b> | 037103129093 | Carded | 5      | 125 | 1 3/16 | 30 | 7/16 | 11 | 9/32 | 7  | 5/64 x 9/64 | 2 x 3.6 | 1.11     | 504 | 6          |

## Subminiature Needle Nose Pliers

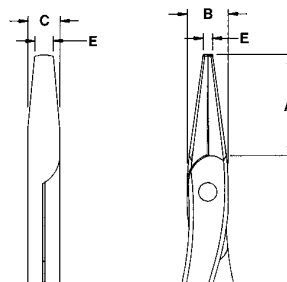
- Subminiature needle nose pliers
- Positive gripping of fine wire or subminiature components
- Fine point allows use in confined areas
- L4 features serrated jaws
- L4G features smooth jaws
- Features green cushion grips
- L4CS packaged on a clip strip merchandising wand



| Cat No.    | UPC No.      | Packed | Length |     | A     |    | B    |    | C    |    | E           |          | Pack Wt. |     | Shelf Pack |
|------------|--------------|--------|--------|-----|-------|----|------|----|------|----|-------------|----------|----------|-----|------------|
|            |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch | mm | Inch        | mm       | lb       | g   |            |
| <b>L4</b>  | 043127161049 | Bagged | 4      | 100 | 13/16 | 21 | 3/8  | 10 | 9/32 | 7  | 3/64 x 1/32 | 1.2 x .8 | .78      | 354 | 6          |
| <b>L4V</b> | 043127085482 | Carded | 4      | 100 | 13/16 | 21 | 3/8  | 10 | 9/32 | 7  | 3/64 x 1/32 | 1.2 x .8 | .78      | 354 | 6          |
| <b>L4G</b> | 043127161056 | Bagged | 4      | 100 | 13/16 | 21 | 3/8  | 10 | 9/32 | 7  | 3/64 x 1/32 | 1.2 x .8 | .78      | 354 | 6          |

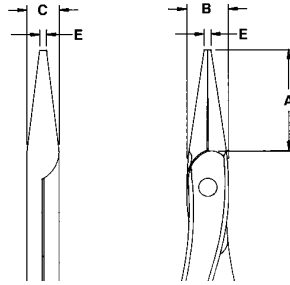
## Flat Nose Wiring Pliers

- Flat nose wiring pliers
- Positions and holds small components
- For use in restricted access areas
- Features green cushion grips
- Serrated jaws



| Cat No.    | UPC No.      | Packed | Length |     | A     |    | B     |    | C    |    | E         |           | Pack Wt. |      | Shelf Pack |
|------------|--------------|--------|--------|-----|-------|----|-------|----|------|----|-----------|-----------|----------|------|------------|
|            |              |        | Inch   | mm  | Inch  | mm | Inch  | mm | Inch | mm | Inch      | mm        | lb       | g    |            |
| <b>318</b> | 043127063114 | Bagged | 8      | 200 | 1 3/8 | 35 | 17/32 | 14 | 7/16 | 11 | 1/8 x 1/4 | 3.2 x 6.4 | 2.46     | 1116 | 6          |

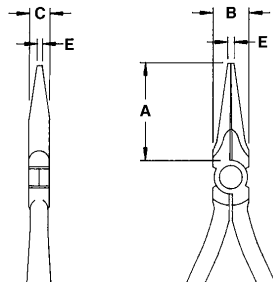
## Needle Nose Assembly Pliers



- Needle nose assembly pliers
- Reaches deep within electronic assemblies
- Use in hard to reach work spaces
- Features green cushion grips

| Cat No. | UPC No.      | Packed | Length |     | A       |    | B     |    | C    |    | E        |         | Pack Wt. |      | Shelf Pack |
|---------|--------------|--------|--------|-----|---------|----|-------|----|------|----|----------|---------|----------|------|------------|
|         |              |        | Inch   | mm  | Inch    | mm | Inch  | mm | Inch | mm | Inch     | mm      | lb       | g    |            |
| 828     | 043127063107 | Bagged | 8      | 200 | 1 23/64 | 35 | 17/32 | 14 | 7/16 | 11 | 3/32dia. | 2.4dia. | 2.22     | 1007 | 6          |

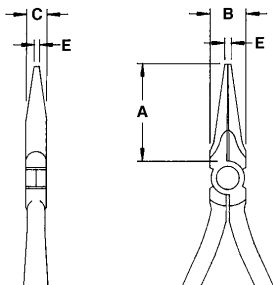
## Needle Nose Pliers Slim Line Needle Nose Pliers



- Slim line needle nose pliers
- For use between tightly spaced components
- NN54, NN55, feature serrated jaws
- NN54G, NN55G feature smooth jaws
- Features green cushion grips

| Cat No. | UPC No.      | Packed | Length |     | A       |    | B     |    | C    |    | E           |         | Pack Wt. |      | Shelf Pack |
|---------|--------------|--------|--------|-----|---------|----|-------|----|------|----|-------------|---------|----------|------|------------|
|         |              |        | Inch   | mm  | Inch    | mm | Inch  | mm | Inch | mm | Inch        | mm      | lb       | g    |            |
| NN54    | 043127170898 | Bagged | 5      | 125 | 1 3/16  | 30 | 7/16  | 11 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | .96      | 435  | 6          |
| NN54V   | 043127089499 | Carded | 5      | 125 | 1 3/16  | 30 | 7/16  | 11 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | .96      | 435  | 6          |
| NN54G   | 043127170911 | Bagged | 5      | 125 | 1 3/16  | 30 | 7/16  | 11 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | .96      | 435  | 6          |
| NN54GV  | 037103129130 | Carded | 5      | 125 | 1 3/16  | 30 | 7/16  | 11 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | .96      | 435  | 6          |
| NN55    | 043127170669 | Bagged | 5 1/2  | 138 | 1 11/16 | 43 | 15/32 | 12 | 1/4  | 6  | 5/64 x 1/16 | 2 x 1.6 | 1.32     | 5.99 | 6          |
| NN55V   | 037103129468 | Carded | 5 1/2  | 138 | 1 11/16 | 43 | 15/32 | 12 | 1/4  | 6  | 5/64 x 1/16 | 2 x 1.6 | 1.32     | 5.99 | 6          |
| NN55G   | 043127170935 | Bagged | 5 1/2  | 138 | 1 11/16 | 43 | 15/32 | 12 | 1/4  | 6  | 5/64 x 1/16 | 2 x 1.6 | 1.32     | 5.99 | 6          |

## Fine Point Needle Nose Pliers

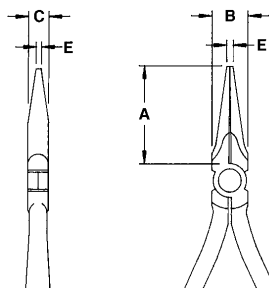


- Fine point needle nose pliers
- Positive gripping of fine wires or subminiature components
- Long, thin nose with fine serrated jaws
- Features green cushion grips

| Cat No. | UPC No.      | Packed | Length |     | A      |    | B    |    | C    |    | E           |          | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|--------|----|------|----|------|----|-------------|----------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch   | mm | Inch | mm | Inch | mm | Inch        | mm       | lb       | g   |            |
| NN542   | 043127170126 | Bagged | 5      | 125 | 1 3/16 | 30 | 7/16 | 11 | 9/32 | 7  | 3/64 x 1/32 | 1.2 x .8 | .96      | 435 | 6          |

## Fine Point Needle Nose Pliers

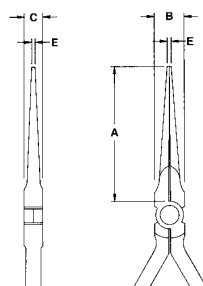
- Fine point needle nose pliers
- Positive gripping of fine wires or subminiature components
- Long, thin nose with fine serrated jaws
- Accu-Lite handles (see page 443)



| Cat No. | UPC No.      | Packed | Length |     | A      |    | B    |    | C    |    | E           |         | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|--------|----|------|----|------|----|-------------|---------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch   | mm | Inch | mm | Inch | mm | Inch        | mm      | lb       | g   |            |
| ENN54   | 043127170904 | Bagged | 6 1/2  | 163 | 1 3/16 | 30 | 7/16 | 11 | 9/32 | 7  | 5/64 x 1/16 | 2 x 1.6 | .96      | 435 | 6          |

## Long Nose Wiring and Pick-up Pliers

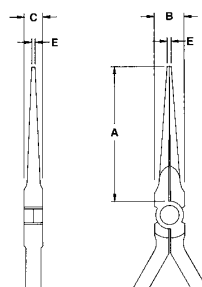
- Wiring and pick-up pliers
- With alignment pin
- Long nose design
- Features green cushion grips



| Cat No.   | UPC No.      | Packed | Length |     | A     |    | B     |    | C    |    | E           |           | Pack Wt. |     | Shelf Pack |
|-----------|--------------|--------|--------|-----|-------|----|-------|----|------|----|-------------|-----------|----------|-----|------------|
|           |              |        | Inch   | mm  | Inch  | mm | Inch  | mm | Inch | mm | Inch        | mm        | lb       | g   |            |
| LN774512  | 043127063077 | Bagged | 5 1/2  | 138 | 1 3/4 | 45 | 15/32 | 12 | 1/4  | 6  | 1/16 x 1/16 | 1.5 x 1.5 | 1.08     | 490 | 6          |
| LN774512V | 037103129475 | Carded | 5 1/2  | 138 | 1 3/4 | 45 | 15/32 | 12 | 1/4  | 6  | 1/16 x 1/16 | 1.5 x 1.5 | 1.08     | 490 | 6          |

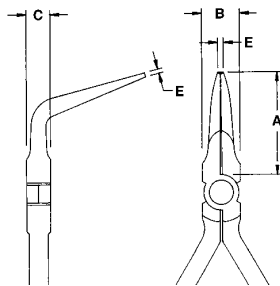
## Slim Line Long Needle Nose Pliers

- Slim line needle nose pliers
- Fine tip
- LN775512 features serrated jaws
- LN775512G features smooth jaws
- Features green cushion grips



| Cat No.   | UPC No.      | Packed | Length |     | A     |    | B     |    | C    |    | E           |           | Pack Wt. |     | Shelf Pack |
|-----------|--------------|--------|--------|-----|-------|----|-------|----|------|----|-------------|-----------|----------|-----|------------|
|           |              |        | Inch   | mm  | Inch  | mm | Inch  | mm | Inch | mm | Inch        | mm        | lb       | g   |            |
| LN775512  | 043127063121 | Bagged | 5 1/2  | 138 | 1 3/4 | 45 | 15/32 | 12 | 1/4  | 6  | 1/16 x 1/16 | 1.5 x 1.5 | 1.14     | 517 | 6          |
| LN775512V | 037103129499 | Carded | 5 1/2  | 138 | 1 3/4 | 45 | 15/32 | 12 | 1/4  | 6  | 1/16 x 1/16 | 1.5 x 1.5 | 1.14     | 517 | 6          |
| LN775512G | 043127079665 | Bagged | 5 1/2  | 138 | 1 3/4 | 45 | 15/32 | 12 | 1/4  | 6  | 1/16 x 1/16 | 1.5 x 1.5 | 1.14     | 517 | 6          |

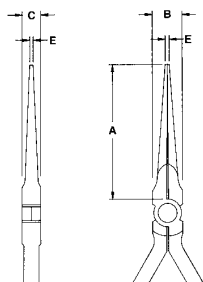
## 60° Curved Long Nose Pliers



- Curved long nose pliers
- For reaching into confined spaces
- Features green cushion grips

| Cat No. | UPC No.      | Packed | Length |     | A       |    | B     |    | C    |    | E           |           | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|---------|----|-------|----|------|----|-------------|-----------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch    | mm | Inch  | mm | Inch | mm | Inch        | mm        | lb       | g   |            |
| CN7776  | 043127063060 | Bagged | 6      | 150 | 1 23/64 | 35 | 15/32 | 12 | 1/4  | 6  | 1/16 x 1/16 | 1.5 x 1.5 | 1.35     | 612 | 6          |

## Long Needle Nose Pliers



- Long needle nose pliers
- Extra long nose
- NN7776 features serrated jaws
- NN7776G features smooth jaws
- Features green cushion grips

| Cat No. | UPC No.      | Packed | Length |     | A      |    | B     |    | C    |    | E           |           | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|--------|----|-------|----|------|----|-------------|-----------|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch   | mm | Inch  | mm | Inch | mm | Inch        | mm        | lb       | g   |            |
| NN7776  | 043127063008 | Bagged | 6      | 150 | 2 5/16 | 59 | 15/32 | 12 | 1/4  | 6  | 1/16 x 1/16 | 1.5 x 1.5 | 1.32     | 599 | 6          |
| NN7776V | 037103129482 | Carded | 6      | 150 | 2 5/16 | 59 | 15/32 | 12 | 1/4  | 6  | 1/16 x 1/16 | 1.5 x 1.5 | 1.32     | 599 | 6          |
| NN7776G | 043127083297 | Bagged | 6      | 150 | 2 5/16 | 59 | 15/32 | 12 | 1/4  | 6  | 1/16 x 1/16 | 1.5 x 1.5 | 1.32     | 599 | 6          |

## Pliers Kit - Electronics Handy Pack Assortment



- A compact kit designed for the sophisticated electronics technician or dedicated hobbyist
- Consists of the six most popular Copaloy electronics pliers
- Durable pocket-pouch with heavy-duty snaps
- Each professional quality tool features the unique Copaloy rivet for smoother action

### Kit Includes:

EC54J 4 1/2" Transverse end cutting pliers  
 MS54 4" Diagonal cutting pliers  
 SN54 5" Long nose pliers with side cutter  
 NN54 5" Fine tip needle nose pliers  
 DN54G 5" Flat nose pliers  
 LN54 5" Long nose pliers  
 Pocket pouch with snaps

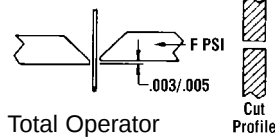
| Cat No. | UPC No.      | Description      | Pack Wt. |     | Shelf Pack |
|---------|--------------|------------------|----------|-----|------------|
|         |              |                  | lb       | g   |            |
| C1K     | 043127880179 | 6 pc. pliers kit | 1        | .45 | 1          |

# Electronic Shearcutters and Pliers

Superior Quality and Value

- Xcelite's Shearcutter flush cutting tools require less than half the operator force of most wire and lead cutting tools and transmit proportionately less shock to the component
- As a result, they comply with MIL-STD-2000, DOD-STD-2000 and WS-6536E standards
- Grips are molded of wide, shock absorbing material for operator comfort
- Models 175 and 2178 incorporate safety clips which effectively eliminate flying leads
- However, safety glasses are still recommended when using these tools

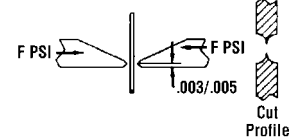
## Shear Cut



Total Operator

Force = Less Than 1/2 F

## Crush Cut



Total Operator Force = F

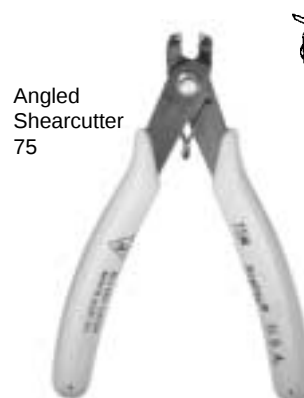
In shearcutting, one edge acts as an anvil while the other edge shears off the lead.



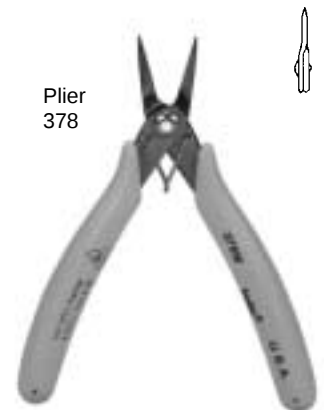
Shearcutter  
170/175



Heavy-Duty  
Shearcutter  
1178/2178



Angled  
Shearcutter  
75



Plier  
378

## Product features



Shearcutter — Light blue grips (Suffix "M")

- Advanced handle design
- Made from high quality carbon steel
- Non-glare black finish
- Superior shearing action



Static-dissipative pliers — black grips (Suffix "D")

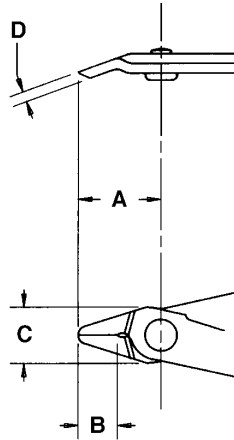
- Advanced handle design
- Specially hardened and plated
- Non-glare black finish
- Superior shearing action



## Shearcutter - General-purpose



Safety Clip



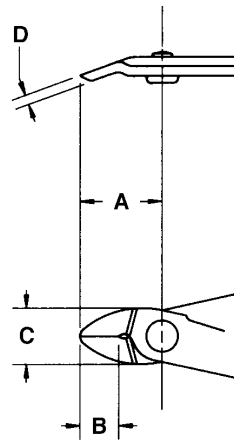
- Low profile, general-purpose cutter
- Superior blade by-pass shear cutting action
- Better cuts with half the effort
- Greatly reduced mechanical shock delivered to the work
- 170M, 175M feature light blue grips
- 170D, 175D feature static-dissipative black grips
- 175M, 175D feature safety clips
- 170D, 175D especially hardened and plated
- Flush cuts soft wire up to 20 AWG (0.8mm)
- 170MCS packaged on a clip strip merchandising wand

| Cat No.     | UPC No.      | Packed | Length |     | A    |    | B     |    | C    |    | D    |    | Pack Wt. |     | Shelf Pack |
|-------------|--------------|--------|--------|-----|------|----|-------|----|------|----|------|----|----------|-----|------------|
|             |              |        | Inch   | mm  | Inch | mm | Inch  | mm | Inch | mm | Inch | mm | lb       | g   |            |
| <b>170M</b> | 037103029959 | Carded | 5      | 127 | 3/4  | 19 | 11/32 | 9  | 1/2  | 13 | 5/64 | 2  | 1.5      | 680 | 6          |
| <b>170D</b> | 037103029935 | Carded | 5      | 127 | 3/4  | 19 | 11/32 | 9  | 1/2  | 13 | 5/64 | 2  | 1.5      | 680 | 6          |
| <b>175M</b> | 037103030023 | Carded | 5      | 127 | 3/4  | 19 | 11/32 | 9  | 1/2  | 13 | 5/64 | 2  | 1.5      | 680 | 6          |
| <b>175D</b> | 037103030009 | Carded | 5      | 127 | 3/4  | 19 | 11/32 | 9  | 1/2  | 13 | 5/64 | 2  | 1.5      | 680 | 6          |

## Shearcutter - Heavy-duty



Safety Clip



- Heavy-duty for IC pins, cables and harnesses
- Maximum durability
- Safety clip (on some models) prevents flying leads
- Maximum operator safety
- 1178M, 2178M feature light blue grips
- 1178D, 2178D feature static-dissipative black grips
- 2178M, 2178D feature safety clips
- 1178D, 2178D especially hardened and plated
- Flush cuts soft wire up to 14 AWG (1.6mm)

| Cat No.      | UPC No.      | Packed | Length |     | A     |    | B     |    | C     |    | D    |    | Pack Wt. |     | Shelf Pack |
|--------------|--------------|--------|--------|-----|-------|----|-------|----|-------|----|------|----|----------|-----|------------|
|              |              |        | Inch   | mm  | Inch  | mm | Inch  | mm | Inch  | mm | Inch | mm | lb       | g   |            |
| <b>1178M</b> | 037103030825 | Carded | 5 5/8  | 143 | 29/32 | 23 | 13/32 | 10 | 17/32 | 14 | 1/8  | 3  | 1.62     | 735 | 6          |
| <b>1178D</b> | 037103030801 | Carded | 5 5/8  | 143 | 29/32 | 23 | 13/32 | 10 | 17/32 | 14 | 1/8  | 3  | 1.62     | 735 | 6          |
| <b>2178M</b> | 037103039590 | Carded | 5 5/8  | 143 | 29/32 | 23 | 13/32 | 10 | 17/32 | 14 | 1/8  | 3  | 1.62     | 735 | 6          |
| <b>2178D</b> | 037103031648 | Carded | 5 5/8  | 143 | 29/32 | 23 | 13/32 | 10 | 17/32 | 14 | 1/8  | 3  | 1.62     | 735 | 6          |

## 2 Piece Shearcutter / Plier Set

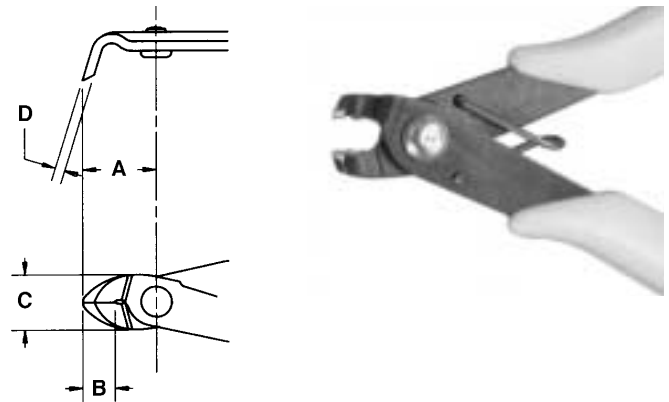
- The most popular all-purpose miniature electronic flush cutter and needle-nose plier
- Superior overall quality
- Advanced handle design
- Highest quality carbon steel
- Non-glare black finish
- Lightweight construction



| Cat No.                     | UPC No.      | Description | Pack Wt. |      | Shelf Pack |
|-----------------------------|--------------|-------------|----------|------|------------|
|                             |              |             | lb       | g    |            |
| <b>S2K</b>                  | 043127131790 | Carded      | 3.8      | 1724 | 10         |
| 2 piece set (170M and 378M) |              |             |          |      |            |
| 10 each sets/case cut pack  |              |             |          |      |            |

## Shearcutter - 75° Angle

- 75° angle for natural cutting position
- Provides superior sight lines
- Allows easier cutting in tight spaces
- Slim profile for better approach
- 75M features light blue grips
- 75D features static-dissipative black grips and especially hardened and plated
- Flush cuts soft wire up to 20 AWG (0.8mm)



| Cat No.    | UPC No.      | Packed | Length |     | A    |    | B    |    | C    |    | D    |    | Pack Wt. |     | Shelf Pack |
|------------|--------------|--------|--------|-----|------|----|------|----|------|----|------|----|----------|-----|------------|
|            |              |        | Inch   | mm  | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb       | g   |            |
| <b>75M</b> | 037103029454 | Carded | 5 7/16 | 138 | 3/4  | 19 | 5/16 | 8  | 1/2  | 13 | 5/64 | 2  | 1.5      | 680 | 6          |
| <b>75D</b> | 037103029430 | Carded | 5 7/16 | 138 | 3/4  | 19 | 5/16 | 8  | 1/2  | 13 | 5/64 | 2  | 1.5      | 680 | 6          |

## Pliers - Serrated and Smooth Jaws

- Thin profile, long reach pliers
- For access into tight spaces
- Lightweight for maximum comfort
- For use in precision electronic assembly applications
- 378M, 378D feature serrated jaws
- 378SMM, 378SMD feature smooth jaws
- 378M, 378SMM feature light blue grips
- 378D, 378SMD feature static-dissipative black grips and especially hardened and plated



| Cat No.       | UPC No.      | Packed | Length |     | A     |    | C     |    | D    |    | E    |     | Pack Wt. |     | Shelf Pack |
|---------------|--------------|--------|--------|-----|-------|----|-------|----|------|----|------|-----|----------|-----|------------|
|               |              |        | Inch   | mm  | Inch  | mm | Inch  | mm | Inch | mm | Inch | mm  | lb       | g   |            |
| <b>378M</b>   | 037103030252 | Carded | 5 1/2  | 140 | 1 1/2 | 32 | 17/32 | 14 | 1/8  | 3  | 3/64 | 1.2 | 1.62     | 735 | 6          |
| <b>378D</b>   | 037103030238 | Carded | 5 1/2  | 140 | 1 1/2 | 32 | 17/32 | 14 | 1/8  | 3  | 3/64 | 1.2 | 1.62     | 735 | 6          |
| <b>378SMM</b> | 037103030320 | Carded | 5 1/2  | 140 | 1 1/2 | 32 | 17/32 | 14 | 1/8  | 3  | 3/64 | 1.2 | 1.62     | 735 | 6          |
| <b>378SMD</b> | 037103030306 | Carded | 5 1/2  | 140 | 1 1/2 | 32 | 17/32 | 14 | 1/8  | 3  | 3/64 | 1.2 | 1.62     | 735 | 6          |

## Pliers and Cutters - With Red Cushion Grip Handles

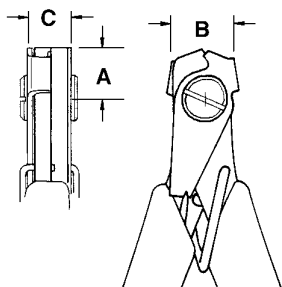


- The exceptional strength and performance of Xcelite® pliers and cutters are the result of forged alloy steel construction, precision machining, and scientific proportioning
- Handles designed to fit the hand comfortably and to provide maximum leverage
- Cleanly machined and perfectly aligned jaws grip tightly and surely while easy cutting is assured by hand-honed, mated cutting edges
- For extra working comfort all models have permanent, red plastic-coated "Cushion-Grip" handles except Combination Slip Joint pliers
- These high quality pliers and cutters are featured in Xcelite® Attaché Tool Cases



NOTE: When using cutting pliers always wear safety glasses to protect eyes from wire clippings

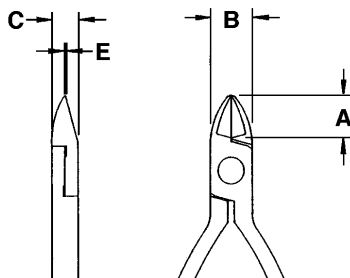
### Hard Wire (Piano and Music) Cutter 134CG



- Shear cutting action
- Ensures square cut ends
- Captures material on both sides of jaw, eliminates flying segments
- Patented spring loaded hold-down keeps material at 90° to tool blade
- Prevents material from forcing jaws apart
- Wire capacity .062
- Stranded cable capacity 1/16"

| Cat No. | UPC No.      | Packed | Length |     | A    |    | B    |      | C    |     | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|------|----|------|------|------|-----|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch | mm | Inch | mm   | Inch | mm  | lb       | g   |            |
| 134CG   | 037103059994 | Boxed  | 5.45   | 140 | 0.55 | 14 | 0.72 | 18.5 | 0.32 | 8.2 | 18.4     | 522 | 6          |

### Diagonal Pliers 54CG

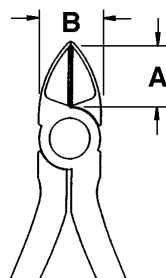
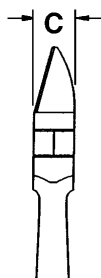


- For work in close quarters
- Standard beveled edges
- Forged alloy steel construction, precision machining and scientific proportioning
- Red plastic-coated cushion grip provides maximum leverage

| Cat No. | UPC No.      | Packed | Length |     | A     |    | B    |    | C    |    | E    |     | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|-------|----|------|----|------|----|------|-----|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch | mm | Inch | mm  | lb       | g   |            |
| 54CG    | 037103481580 | Boxed  | 4      | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7  | 1/32 | 0.8 | 12.5     | 354 | 6          |
| 54CGV   | 037103481597 | Carded | 4      | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7  | 1/32 | 0.8 | 12.5     | 354 | 6          |

## 55CG

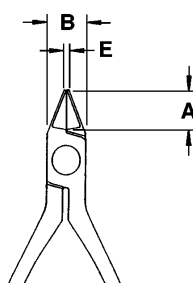
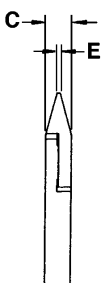
- All-purpose pliers
- Standard beveled edges
- Forged alloy steel construction, precision machining and scientific proportioning
- Exceptional strength and performance
- Red plastic-coated cushion grip provides maximum leverage



| Cat No. | UPC No.      | Packed | Length |     | A    |    | B     |    | C    |    | E    |    | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|------|----|-------|----|------|----|------|----|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch | mm | Inch  | mm | Inch | mm | Inch | mm | lb       | g   |            |
| 55CG    | 037103481603 | Boxed  | 5      | 125 | 3/4  | 19 | 19/32 | 15 | 3/8  | 10 | -    | -  | 22.2     | 629 | 6          |
| 55CGV   | 037103481610 | Carded | 5      | 125 | 3/4  | 19 | 19/32 | 15 | 3/8  | 10 | -    | -  | 22.2     | 629 | 6          |

## 64CG

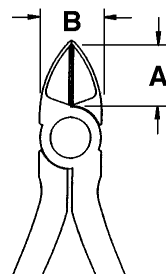
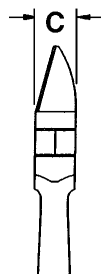
- For use in close quarters and semi-flush tip cutting of fine wires
- Forged alloy steel construction, precision machining and scientific proportioning
- Exceptional strength and performance
- Red plastic-coated cushion grip provides maximum leverage



| Cat No. | UPC No.      | Packed | Length |     | A     |    | B    |    | C    |    | E    |     | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|--------|-----|-------|----|------|----|------|----|------|-----|----------|-----|------------|
|         |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch | mm | Inch | mm  | lb       | g   |            |
| 64CG    | 037103481757 | Boxed  | 4      | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7  | 1/32 | 0.8 | 12.5     | 354 | 6          |
| 64CGV   | 037103481764 | Carded | 4      | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7  | 1/32 | 0.8 | 12.5     | 354 | 6          |

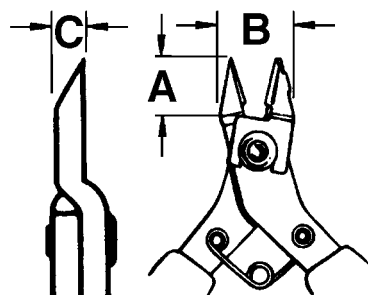
## 66CG

- All-purpose pliers
- Standard beveled edges
- Forged alloy steel construction, precision machining and scientific proportioning
- Exceptional strength and performance
- Red plastic-coated cushion grip provides maximum leverage



| Cat No. | UPC No.      | Packed | Length |     | A     |    | B     |    | C    |    | E    |    | Pack Wt. |      | Shelf Pack |
|---------|--------------|--------|--------|-----|-------|----|-------|----|------|----|------|----|----------|------|------------|
|         |              |        | Inch   | mm  | Inch  | mm | Inch  | mm | Inch | mm | Inch | mm | lb       | g    |            |
| 66CG    | 037103481771 | Boxed  | 6      | 152 | 27/32 | 21 | 11/16 | 17 | 7/16 | 11 | -    | -  | 42.2     | 1196 | 6          |
| 66CGV   | 037103481788 | Carded | 6      | 152 | 27/32 | 21 | 11/16 | 17 | 7/16 | 11 | -    | -  | 42.2     | 1196 | 6          |

## Stainless Diagonal Cutting - Slim Nose

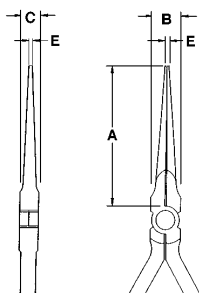


Klip Grip  
Feature

- For cutting soft non-ferrous wire, max. as specified, No. 25 gauge (.018") and smaller soft steel wire
- Ideal for tip cutting in delicate electronic circuitry work and where small lightweight pliers are required for use by women engaged in electronic component assembly
- Precision-machined, ground flush cutting edges
- Back clearance
- Offers up to 4 times the life of regular miniature diagonal pliers
- Patented handle spring

| Cat No. | UPC No.      | Packed | Description  | Length |     | A    |    | B     |    | C    |    | Max. Dia Soft non Ferrous Wire | Soft Steel Wire | Shelf Pack |
|---------|--------------|--------|--------------|--------|-----|------|----|-------|----|------|----|--------------------------------|-----------------|------------|
|         |              |        |              | Inch   | mm  | Inch | mm | Inch  | mm | Inch | mm | Inch                           | Inch            | Pack       |
| 113CG   | 037103489784 | Bagged | Flush Cut    | 4 1/2  | 114 | 3/8  | 9  | 13/32 | 12 | 7/32 | 6  | .065                           | .018            | 6          |
| 113CGV  | 037103489791 | Carded | Flush Cut    | 4 1/2  | 114 | 3/8  | 9  | 13/32 | 12 | 7/32 | 6  | .065                           | .018            | 6          |
| 115CG   | 037103489821 | Bagged | Flush Cut    | 5      | 127 | 1/2  | 13 | 1/2   | 3  | 7/32 | 6  | .083                           | .018            | 6          |
| 115CGV  | 037103489838 | Carded | Flush Cut    | 5      | 127 | 1/2  | 13 | 1/2   | 3  | 7/32 | 6  | .083                           | .018            | 6          |
| 117CG   | 037103489999 | Bagged | Flush Cut    | 4      | 100 | 5/16 | 8  | 15/32 | 12 | 7/32 | 6  | .051                           | .018            | 6          |
| 117CGV  | 037103490001 | Carded | Flush Cut    | 4      | 100 | 5/16 | 8  | 15/32 | 12 | 7/32 | 6  | .051                           | .018            | 6          |
| 200SS   | 037103463609 | Boxed  | Plier Spring | --     | --  | --   | -- | --    | -- | --   | -- | --                             | --              | 1          |

## 57CG

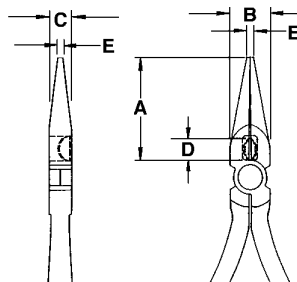


- Standard pliers
- For firm gripping and looping of wire
- Fine serrated jaw and coil spring
- Forged alloy steel construction, precision machining and scientific proportioning
- Red plastic-coated cushion grip provides maximum leverage

| Cat No. | UPC No.      | Packed | Length  |     | A    |    | B     |    | C    |    | E    |     | Pack Wt. | Shelf Pack |
|---------|--------------|--------|---------|-----|------|----|-------|----|------|----|------|-----|----------|------------|
|         |              |        | Inch    | mm  | Inch | mm | Inch  | mm | Inch | mm | Inch | mm  | lb g     | Pack       |
| 57CG    | 037103481641 | Boxed  | 5 11/16 | 144 | -    | -  | 15/32 | 12 | 1/4  | 6  | 1/16 | 1.5 | 20.8 590 | 6          |
| 57CGV   | 037103481658 | Carded | 5 11/16 | 144 | -    | -  | 15/32 | 12 | 1/4  | 6  | 1/16 | 1.5 | 20.8 590 | 6          |

## 51CG

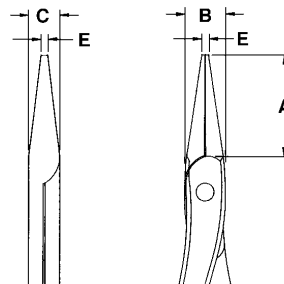
- For firm gripping and looping of wire
- Serrated jaw
- Forged alloy steel construction, precision machining and scientific proportioning
- Side cutter feature
- Red plastic-coated cushion grip provides maximum leverage



| Cat No. | UPC No.      | Packed | Length |     | A     |    | B     |    | C    |    | D    |    | E    |     | Pack Wt. |      | Shelf Pack |
|---------|--------------|--------|--------|-----|-------|----|-------|----|------|----|------|----|------|-----|----------|------|------------|
|         |              |        | Inch   | mm  | Inch  | mm | Inch  | mm | Inch | mm | Inch | mm | Inch | mm  | lb       | g    |            |
| 51CG    | 037103481528 | Boxed  | 6      | 152 | 1 7/8 | 48 | 11/16 | 17 | 3/8  | 10 | 1/2  | 13 | 3/32 | 2.4 | 36.6     | 1038 | 6          |
| 51CGV   | 037103481535 | Carded | 6      | 152 | 1 7/8 | 48 | 11/16 | 17 | 3/8  | 10 | 1/2  | 13 | 3/32 | 2.4 | 36.6     | 1038 | 6          |

## 59CG

- Electrician's chain nose pliers
- Serrated jaw for gripping and high leverage
- Forged alloy steel construction, precision machining and scientific proportioning
- Offers long reach
- Red plastic-coated cushion grip provides maximum leverage



| Cat No. | UPC No.      | Packed | Length |     | A     |    | B    |    | C     |    | E    |     | Pack Wt. |      | Shelf Pack |
|---------|--------------|--------|--------|-----|-------|----|------|----|-------|----|------|-----|----------|------|------------|
|         |              |        | Inch   | mm  | Inch  | mm | Inch | mm | Inch  | mm | Inch | mm  | lb       | g    |            |
| 59CG    | 037103481689 | Boxed  | 8      | 200 | 1 1/2 | 32 | 9/16 | 14 | 15/32 | 12 | 3/32 | 2.4 | 44.5     | 1262 | 6          |
| 59CGV   | 037103481696 | Carded | 8      | 200 | 1 1/2 | 32 | 9/16 | 14 | 15/32 | 12 | 3/32 | 2.4 | 44.5     | 1262 | 6          |

## Utility Pliers 50CG Ignition Pliers

- Ignition pliers
- Narrow jaw for close work
- 3-jaw opening adjustment to 1/2"
- Forged alloy steel construction, precision machining and scientific proportioning
- Red plastic-coated cushion grip provides maximum leverage



| Cat No. | UPC No.      | Packed | Length |     | Opening |      | Shelf Pack |
|---------|--------------|--------|--------|-----|---------|------|------------|
|         |              |        | Inch   | mm  | Inch    | mm   |            |
| 50CG    | 037103481504 | Boxed  | 5      | 127 | 1/2     | 12.7 | 6          |
| 50CGV   | 037103481511 | Carded | 5      | 127 | 1/2     | 12.7 | 6          |

## 53CG Tongue and Groove Pliers



- All-purpose pliers
- Angled serrated teeth in jaws
- Maximum opening 1 1/8"/28mm
- 4-position machined rib lock design
- Forged alloy steel construction, precision machining and scientific proportioning
- Red plastic-coated cushion grip provides maximum leverage

| Cat No.      | UPC No.      | Packed | Length |     | Opening |    | Shelf Pack |
|--------------|--------------|--------|--------|-----|---------|----|------------|
|              |              |        | Inch   | mm  | Inch    | mm |            |
| <b>53CG</b>  | 037103481566 | Boxed  | 7      | 178 | 1 1/8   | 28 | 6          |
| <b>53CGV</b> | 037103481573 | Carded | 7      | 178 | 1 1/8   | 28 | 6          |

## Combination Slip Joint Pliers



- For general and heavy-duty use
- Angled serrated teeth in jaws
- Forged alloy steel construction, precision machining and scientific proportioning
- Sturdy, chrome-plated pliers

| Cat No.     | UPC No.      | Packed | Length |     | Shelf Pack |
|-------------|--------------|--------|--------|-----|------------|
|             |              |        | Inch   | mm  |            |
| <b>76C</b>  | 037103481986 | Boxed  | 6      | 150 | 6          |
| <b>76CV</b> | 037103481993 | Carded | 6      | 150 | 6          |
| <b>78CV</b> | 037103482013 | Carded | 8      | 200 | 6          |

## Special Tools for Special Problems - Seizer



- Seizer forceps
- Versatile tool with unusual holding qualities
- Clamps firmly to hold wires for soldering
- Acts as a heat sink and retrieves small parts from hard-to-reach places
- Precision-machined from perfectly tempered stainless steel
- Box-joint construction
- 3-position snap lock
- Serrated jaws

| Cat No.     | UPC No.      | Packed | Description                           | Length |     | Shelf Pack |
|-------------|--------------|--------|---------------------------------------|--------|-----|------------|
|             |              |        |                                       | Inch   | mm  |            |
| <b>32H</b>  | 037103481344 | Boxed  | Straight nose jr. seizer, smooth jaws | 5.0    | 127 | 6          |
| <b>32HV</b> | 037103481351 | Carded | Straight nose jr. seizer, smooth jaws | 5.0    | 127 | 6          |
| <b>33H</b>  | 037103481368 | Boxed  | Curved nose jr. seizer, smooth jaws   | 5.0    | 127 | 6          |
| <b>33HV</b> | 037103481375 | Carded | Curved nose jr. seizer, smooth jaws   | 5.0    | 127 | 6          |
| <b>42H</b>  | 037103481405 | Boxed  | Straight nose seizer, serrated jaws   | 5.5    | 140 | 6          |
| <b>42HV</b> | 037103481412 | Carded | Straight nose seizer, serrated jaws   | 5.5    | 140 | 6          |
| <b>43H</b>  | 037103481429 | Boxed  | Curved nose seizer, serrated jaws     | 5.5    | 140 | 6          |
| <b>43HV</b> | 037103481436 | Carded | Curved nose seizer, serrated jaws     | 5.5    | 140 | 6          |

## Wire Strippers & Cutters with Cushion Grip Handles 100X

- Cuts and strips both solid and stranded wire cleanly, neatly
- Adjustable screw stop for different wire sizes
- Hardened with ground blades
- 101S specifications same as 100X except with spring-equipped self-opening handles
- Red plastic-coated cushion grip provides maximum leverage



| Cat No.      | UPC No.      | Packed | Description                     | Length |     | Shelf Pack |
|--------------|--------------|--------|---------------------------------|--------|-----|------------|
|              |              |        |                                 | Inch   | mm  |            |
| <b>100X</b>  | 037103483560 | Boxed  | Stripper, cutter                | 5      | 127 | 6          |
| <b>100XV</b> | 037103483577 | Carded | Stripper, cutter                | 5      | 127 | 6          |
| <b>101S</b>  | 037103483584 | Boxed  | Stripper, cutter-spring opening | 5      | 127 | 6          |
| <b>101SV</b> | 037103483591 | Carded | Stripper, cutter-spring opening | 5      | 127 | 6          |

## 102S

- Deluxe wire stripper features new shape which fits hand easily and more comfortably
- Hardened steel
- All cutting surfaces (including "V" notches) fixture ground to ensure perfect shearing action every time
- Easily adjustable cam allows tool to be set to fit all commonly used insulated wires
- Smooth working safety lock
- Red plastic-coated cushion grip provides maximum leverage



| Cat No.      | UPC No.      | Packed | Inch  | Length |     | Shelf Pack |
|--------------|--------------|--------|-------|--------|-----|------------|
|              |              |        |       | Inch   | mm  |            |
| <b>102SV</b> | 037103490292 | Carded | 5 1/2 |        | 140 | 6          |

## 103S

- For industrial use
- Unique cam stop adjustment for different wire sizes, stays put even with screw loose
- Red plastic-coated cushion grip provides maximum leverage



| Cat No.      | UPC No.      | Packed | Inch  | Length |     | Shelf Pack |
|--------------|--------------|--------|-------|--------|-----|------------|
|              |              |        |       | Inch   | mm  |            |
| <b>103S</b>  | 037103483607 | Boxed  | 5 1/4 |        | 133 | 6          |
| <b>103SV</b> | 037103483614 | Carded | 5 1/4 |        | 133 | 6          |

## 104CG Wire Stripper and Cutter



- For copper and aluminum wire 10-22 AWG
- Wide size-range bolt cutter / Screw sizing stations
- Scissors-action, up-front wire cutting and wire stripping
- Pliers nose
- Hardened pivot joint bushing and crimp stations
- Red cushion grip handle provides maximum leverage
- 104CGCS packaged on a clip strip merchandising wand

| Cat No. | UPC No.      | Packed | Length |     | Shelf Pack |
|---------|--------------|--------|--------|-----|------------|
|         |              |        | Inch   | mm  |            |
| 104CG   | 037103486820 | Boxed  | 8 1/4  | 210 | 6          |
| 104CGV  | 037103486837 | Carded | 8 1/4  | 210 | 6          |

## 105CG Electrical Pliers



- Wire cutting and stripping edges conveniently located in front of pivot to allow use in tight places
- Needle nose pliers add wire pulling and bending capabilities
- Scissors-action stripper for cleaner, faster and more accurate stripping
- Serrated edge
- Xcelite® Catalog No. 105SCGV includes work-speeding automatic spring and lock
- Red cushion grip handle provides maximum leverage
- For copper and aluminum wire 10-22 AWG

| Cat No. | UPC No.      | Packed | Description                              | Length |     | Shelf Pack |
|---------|--------------|--------|------------------------------------------|--------|-----|------------|
|         |              |        |                                          | Inch   | mm  |            |
| 105CG   | 037103486974 | Boxed  | Stripper, cutter without spring and lock | 6      | 150 | 6          |
| 105CGV  | 037103486981 | Carded | Stripper, cutter without spring and lock | 6      | 150 | 6          |
| 105SCGV | 037103487001 | Carded | Stripper, cutter-spring opening and lock | 6      | 150 | 6          |

## Snips



- Shearing action of 1 1/2"/38mm cut pointed blades prevents peaks on fine wires and filaments
- Useful for removing insulation and cutting light sheet metal
- Coil spring opens blades
- Safety latch
- Red plastic-coated cushion grip provides maximum leverage

| Cat No. | UPC No.      | Packed | Length |     | Opening |    | Shelf Pack |
|---------|--------------|--------|--------|-----|---------|----|------------|
|         |              |        | Inch   | mm  | Inch    | mm |            |
| 86CG    | 037103482129 | Boxed  | 6 1/2  | 165 | 1 1/2   | 38 | 6          |
| 86CGV   | 037103482136 | Carded | 6 1/2  | 165 | 1 1/2   | 38 | 6          |

## XL70 Offset Ratchet Screwdriver Set

- 19-piece midget, offset, reversible ratchet set
- All-purpose driver bits 1/4"/6mm hex shank
- Simple and easy-to-use for assembly, disassembly, adjustment and repair work involving Allen hex, Phillips® and slotted screws



| Cat No.     | UPC No.      | Packed | Length                        |      | Description              | Shelf Pack |
|-------------|--------------|--------|-------------------------------|------|--------------------------|------------|
|             |              |        | Inch                          | mm   |                          |            |
| <b>XL70</b> | 037103486691 | Boxed  | -                             | -    | Complete set             | 1          |
| <b>XL3</b>  | 037103486509 | -      | .050                          | 1.27 | Allen hex screw bit      | 6          |
| <b>XL4</b>  | 037103486516 | -      | 1/16                          | 1.54 | Allen hex screw bit      | 6          |
| <b>XL7</b>  | 037103486547 | -      | 7/64                          | 1.54 | Allen hex screw bit      | 6          |
| <b>XL8</b>  | 037103486554 | -      | 1/8                           | 3.17 | Allen hex screw bit      | 6          |
| <b>XL10</b> | 037103486578 | -      | 5/32                          | 3.97 | Allen hex screw bit      | 6          |
| <b>XL12</b> | 037103486585 | -      | 3/16                          | 4.76 | Allen hex screw bit      | 6          |
| <b>XL14</b> | 037103486592 | -      | 7/32                          | 5.56 | Allen hex screw bit      | 6          |
| <b>XL16</b> | 037103486608 | -      | 1/4                           | 6    | Allen hex screw bit      | 6          |
| <b>XL18</b> | 037103486622 | -      | 5/16                          | 7.94 | Allen hex screw bit      | 6          |
| <b>XL20</b> | 037103486639 | -      | No. 1                         | -    | No. 1 Phillips screw bit | 6          |
| <b>XL21</b> | 037103486646 | -      | No. 2                         | -    | No. 2 Phillips screw bit | 6          |
| <b>XL24</b> | 037103486653 | -      | 6 1/4 /6 hex to 1/4 /6 square |      | Adapter bit              | 6          |
| <b>XL25</b> | 037103486660 | -      | 3/16                          | 4.76 | Slotted screw bit        | 6          |
| <b>XL27</b> | 037103486677 | -      | -                             | -    | Reversible ratchet       | 6          |
| <b>XL50</b> | 037103486684 | -      | -                             | -    | Spinner-extension        | 6          |

## XTZ1V ToolZall® Technician Multipurpose Tool

- Wire Stripper
- Needle nose pliers
- Wire cutter
- Wire bender
- 3 Flat head slotted screwdrivers
- Phillips screwdriver
- Awl
- English and metric rules
- Can and bottle openers
- Metal and wood files
- Knife
- Built from stainless steel for durability
- Comfort grip handles
- 4" compact size folded
- Limited lifetime warranty



| Cat No.      | UPC No.      | Packed | Description                                    | Shelf Pack |
|--------------|--------------|--------|------------------------------------------------|------------|
| <b>XTZ1V</b> | 037103154699 | Carded | ToolZall® Technician 16 in 1 multipurpose tool | 3          |

## XL75 Offset Ratchet Screwdriver Set



- 5-piece set
- Driver bits 1/4"/6mm hex shank
- See-through plastic pouch

| Cat No.      | UPC No.      | Packed | Description                      | Shelf Pack |
|--------------|--------------|--------|----------------------------------|------------|
| <b>XL75</b>  | 037103486707 | Boxed  | Complete set                     | 1          |
| <b>XL75V</b> | 037103486714 | Carded | Complete set vacuum packed       | 1          |
| <b>XL25</b>  | 037103486660 | -      | Slotted screw bit 3/16" / 4.76mm | 6          |
| <b>XL17</b>  | 037103486615 | -      | Slotted screw bit 1/4" / 6mm     | 6          |
| <b>XL20</b>  | 037103486639 | -      | Phillips screw bit No. 1         | 6          |
| <b>XL21</b>  | 037103486646 | -      | Phillips screw bit No. 2         | 6          |
| <b>XL27</b>  | 037103486677 | -      | Reversible ratchet arm           | 6          |

## Adjustable Wrenches



- Rugged construction
- Quick, 1-hand adjustment
- Chrome-plated, polished heads
- Cushion grip handle
- Red cushion grip handle provides maximum leverage

| Cat No.      | UPC No.      | Packed | Length |     | Jaw Capacity |    | Shelf Pack |
|--------------|--------------|--------|--------|-----|--------------|----|------------|
|              |              |        | Inch   | mm  | Inch         | mm |            |
| <b>44CG</b>  | 037103481443 | Boxed  | 4      | 100 | 1/2          | 13 | 6          |
| <b>44CGV</b> | 037103481450 | Carded | 4      | 100 | 1/2          | 13 | 6          |
| <b>46CG</b>  | 037103481467 | Boxed  | 6      | 150 | 15/16        | 24 | 6          |
| <b>46CGV</b> | 037103481474 | Carded | 6      | 150 | 15/16        | 24 | 6          |
| <b>48CG</b>  | 037103481481 | Boxed  | 8      | 200 | 1 1/8        | 29 | 6          |
| <b>48CGV</b> | 037103481498 | Carded | 8      | 200 | 1 1/8        | 29 | 6          |

## Electrician's Knife

- Both a knife and a screwdriver
- Screwdriver blade with sharp edge for scraping insulation



| Cat No.     | UPC No.      | Packed | Description         | Shelf Pack |
|-------------|--------------|--------|---------------------|------------|
| <b>K22</b>  | 037103484239 | Boxed  | Electrician's knife | 6          |
| <b>K22V</b> | 037103484246 | Carded | Electrician's knife | 6          |

## Heat Sink

- Protects transistors and other delicate electronic components from heat during soldering
- Copper jaw for greatest possible heat absorption and dissipation (solder will not stick to finish)
- Nickel-plated finish
- Positive no-slip spring tension action
- Red plastic-coated cushion grip provides maximum leverage



| Cat No.    | UPC No.      | Packed | Description | Length |    | Shelf Pack |
|------------|--------------|--------|-------------|--------|----|------------|
|            |              |        |             | Inch   | mm |            |
| <b>80</b>  | 037103482044 | Boxed  | Heat sink   | 3 1/8  | 80 | 6          |
| <b>80V</b> | 037103482051 | Carded | Heat sink   | 3 1/8  | 80 | 6          |

# Premium Stainless Steel Tweezers - Made in U.S.A.



- High quality
- For electronic use
- Manufactured from anti-magnetic, anti-acid stainless steel
- Working tips hand finished for precise alignment
- Overall length is 4 1/2"
- Smooth jaws

| Cat No.        | UPC No.      | Packed | Description                 | Shelf Pack |
|----------------|--------------|--------|-----------------------------|------------|
| <b>XSST3</b>   | 037103490957 | Boxed  | Straight point              | 6          |
| <b>XSST3V</b>  | 037103490964 | Carded | Straight point carded       | 6          |
| <b>XSST3CV</b> | 037103490988 | Carded | Straight point small carded | 6          |
| <b>XSST4V</b>  | 037103491008 | Carded | Fine taper point carded     | 6          |
| <b>XSST5V</b>  | 037103491022 | Carded | Tapered-extra fine carded   | 6          |
| <b>XSST7</b>   | 037103491039 | Boxed  | Curved tip-thin             | 6          |
| <b>XSST7V</b>  | 037103491046 | Carded | Curved tip-thin carded      | 6          |

## General Duty Tweezers



| Cat No.       | UPC No.      | Packed | Length |     | Description                                             | Shelf Pack |
|---------------|--------------|--------|--------|-----|---------------------------------------------------------|------------|
|               |              |        | Inch   | mm  |                                                         |            |
| <b>XHT434</b> | 037103487636 | Boxed  | 4 3/4  | 121 | Smooth sharp points                                     | 6          |
| <b>XHT412</b> | 037103487629 | Boxed  | 4 1/2  | 115 | Self closing, smooth sharp points for holding work      | 6          |
| <b>XHT612</b> | 037103487650 | Boxed  | 6      | 165 | Self closing, especially good for soldering and gluing  | 6          |
| <b>XHT678</b> | 037103487667 | Boxed  | 6 7/8  | 174 | For better view of close work for hard to reach places  | 6          |
| <b>XHT700</b> | 037103487674 | Boxed  | 7      | 178 | Slender tapered point to fit in tight places            | 6          |
| <b>XHT600</b> | 037103487643 | Boxed  | 6      | 152 | Serrated points for sure grips opens to 3/4" 19mm width | 6          |

## Precision Knives and Blades

- A fine selection of six knives from lightweight to heavy-duty for the professional and hobbyist
- Precision made for durable life
- Interchangeable blades held firm in sure-locking four jaw chuck
- Stay sharp blades are made from surgical steel and honed for closest cutting and long lasting edge

### Light-duty

- Designed for light-duty cutting on paper, soft and light-weight materials or wood
- XN100CS packaged on a clip strip merchandising wand



| Cat No.       | UPC No.      | Packed | Length                |     | Type of blade | Shelf Pack |
|---------------|--------------|--------|-----------------------|-----|---------------|------------|
|               |              |        | Inch                  | mm  |               |            |
| <b>XN100</b>  | 037103487681 | Boxed  | 5 13/16               | 148 | XNB103        | 6          |
| <b>XN100B</b> | 037103488466 | Boxed  | Same as XN-100 – Tube |     |               | 24         |

### Medium-duty

- Designed for heavy paper and medium density materials



| Cat No.      | UPC No.      | Packed | Length |     | Type of blade | Shelf Pack |
|--------------|--------------|--------|--------|-----|---------------|------------|
|              |              |        | Inch   | mm  |               |            |
| <b>XN200</b> | 037103487698 | Boxed  | 5 3/4  | 146 | XNB205        | 6          |

### Heavy-duty Plastic Handle

- Designed for working with hardwood, plastic and other difficult to cut materials



| Cat No.      | UPC No.      | Packed | Length |     | Type of blade | Shelf Pack |
|--------------|--------------|--------|--------|-----|---------------|------------|
|              |              |        | Inch   | mm  |               |            |
| <b>XN210</b> | 037103487704 | Boxed  | 5 7/16 | 137 | XNB201        | 6          |

### Carving

- For those who prefer a metal handled knife
- Cuts through hardwood and plastics



| Cat No.      | UPC No.      | Packed | Length |     | Type of blade | Shelf Pack |
|--------------|--------------|--------|--------|-----|---------------|------------|
|              |              |        | Inch   | mm  |               |            |
| <b>XN300</b> | 037103487728 | Boxed  | 5 5/8  | 144 | XNB301        | 6          |

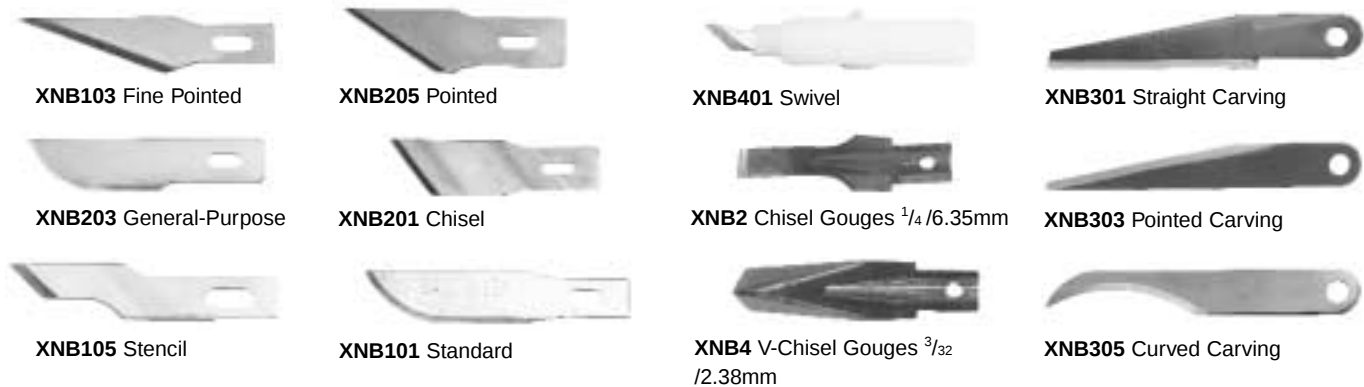
### Light and Medium-duty Knife Set



- For a wide range of cutting operations
- Contains 10 assorted blades

| Cat No.       | UPC No.      | Packed | Description                                 | Shelf Pack |
|---------------|--------------|--------|---------------------------------------------|------------|
| <b>XNS100</b> | 037103487742 | Boxed  | XN100 and XN200 knives & 10 assorted blades | 6          |

### Blades



- Blades interchangeable with other similar knives
- Bulk packed
- Safely packed in transparent plastic containers and carded
- Number of blades per container shown in tables

| Cat No.        | UPC No.      | Qty. | Description                                                                                      | Fits Knife        | Shelf Pack |
|----------------|--------------|------|--------------------------------------------------------------------------------------------------|-------------------|------------|
| <b>XNB103</b>  | 037103487766 | 5    | For most detailed cutting and stripping                                                          | XN100             | 6          |
| <b>XNB103B</b> | 037103488473 | 100  | For most detailed cutting and stripping                                                          | XN100             | 1          |
| <b>XNB203</b>  | 037103487797 | 5    | For most cutting requirements                                                                    | XN100/210/220/300 | 6          |
| <b>XNB105</b>  | 037103487773 | 5    | For scoring and etching as well as stencil cutting                                               | XN100             | 6          |
| <b>XNB205</b>  | 037103487803 | 5    | For close corner cuts on templates, mates, gaskets, also trimming, stripping and de-burring      | XN200/210/220/300 | 6          |
| <b>XNB201</b>  | 037103487780 | 5    | Rough shaping de-burring and chiseling                                                           | XN220/210/220/300 | 6          |
| <b>XNB101</b>  | 037103487759 | 5    | General-duty for cutting, carving and correcting stencils                                        | XN100             | 6          |
| <b>XNB401</b>  | 037103487810 | 5    | For paper craft including decoupage and cutting film, masks, whenever the finest cuts are needed | XN400             | 6          |
| <b>XNB2</b>    | 037103487872 | 2    | Stay sharp edge for carving                                                                      | XN300             | 6          |
| <b>XNB4</b>    | 037103487896 | 2    | For deeper "V" trough cuts                                                                       | XN300             | 6          |
| <b>XNB301</b>  | 037103487834 | 2    | For general-purpose carving                                                                      | XN300             | 6          |
| <b>XNB303</b>  | 037103487841 | 2    | For accurate carving details                                                                     | XN300             | 6          |
| <b>XNB305</b>  | 037103487858 | 2    | For smoothing and shaping                                                                        | XN300             | 6          |

## TKX11 Multi-purpose Tool Kit

- 11 quality tools perfect for all types of routine repair and simple DIY'er projects
- Packed neatly in an attractive easy-to-store case



| Cat No.        | UPC No.      | Packed | Inch               | mm      | Description                        | Shelf Pack |
|----------------|--------------|--------|--------------------|---------|------------------------------------|------------|
| <b>TKX11</b>   | 037103487377 | Boxed  | -                  | -       | Complete tool kit                  | 1          |
| <b>R144</b>    | 037103485403 | Boxed  | 1/4 x 4            | 101     | Round blade screwdriver            | -          |
| <b>R184</b>    | 037103485496 | Boxed  | 1/8 x 4            | 101     | Round blade screwdriver            | -          |
| <b>X101</b>    | 037103486394 | Boxed  | No. 1 Phillips x 3 | 76      | Round blade screwdriver            | -          |
| <b>8</b>       | 037103487001 | Boxed  | 1/4                | -       | Hex nutdriver                      | -          |
| <b>P12S</b>    | 037103484857 | Boxed  | No. 0 Phillips x 2 | 51      | Screwdriver                        | -          |
| <b>51CG</b>    | 037103481528 | Boxed  | 6                  | 152     | Long nose pliers with side cutter  | -          |
| <b>46CG</b>    | 037103481467 | Boxed  | 6                  | 152     | Adjustable wrench                  | -          |
| <b>S141</b>    | 037103485854 | Boxed  | 1/4 x 11/4         | 32      | Stubby square blade screwdriver    | -          |
| <b>100X</b>    | 037103483560 | Boxed  | -                  | -       | Wire stripper & cut adj. screw top | -          |
| <b>W9210ME</b> | 037103458766 | Boxed  | 1/2                | 13 x 10 | 3048mm Metric/English tape rule    | -          |
| <b>76C</b>     | 037103481986 | Boxed  | 6                  | 152     | Combination plier, chrome plated   | -          |

# Model TCMB 100/STW and TCMB 100/MTW

The 100 Series Kits are all “The Largest and Most Elaborate”



- Contains 53 individual hand tools, 31 Series 99® interchangeable screwdriver/nutdriver blades and handles, and 2 specialized screwdriver/nutdriver kits (as listed)
- Extra large roller bearing wheels (3 5/8") with wide base for maximum stability and easy transport over rough pavement or stairs.
- Extra wide, comfortable extension handle is molded into case to prevent wear.
- Size: 18" x 15" x 8" deep.
- Extension handle locks in place automatically when extended and retracted. Easy one-handed release.
- Two tote handles for convenience. Both are spring loaded for protection.
- “D” ring provided for Bunji cords to carry other cases on top
- Case is super tough, black polyethylene rotationally molded for maximum strength. Minimum wall thickness of 0.120".
- 3-panel hinged tool pallet in lid plus additional pallet in bottom.
- Extra large storage space for additional equipment.
- Extra large all new screen mesh literature/utility pocket.

| Cat No.           | UPC No.      | Description             |
|-------------------|--------------|-------------------------|
| <b>TCMB100STW</b> | 037103107787 | Tool case with tools    |
| <b>TCMB100MTW</b> | 037103107794 | Tool case only-NO TOOLS |

| Cat No.          | UPC No.                                  | Qty. | Cat No.       | UPC No.                                | Qty. | Cat No.       | UPC No.                 | Qty. |
|------------------|------------------------------------------|------|---------------|----------------------------------------|------|---------------|-------------------------|------|
| <b>991</b>       | Handle – regular                         | 1    | <b>57CG</b>   | Needle nose pliers 5 1/2"/139mm        | 1    | <b>XST102</b> | Phillips screwdriver    | 1    |
| <b>991R</b>      | Handle – regular ratchet                 | 1    | <b>59CG</b>   | Chain nose pliers 8"/203mm             | 1    | <b>P18</b>    | Hex socket screwdriver  | 1    |
| <b>994R</b>      | Handle – Tee ratchet                     | 1    | <b>86CG</b>   | Electronic snips                       | 1    | <b>P19</b>    | Hex socket screwdriver  | 1    |
| <b>99X5</b>      | Extension                                | 1    | <b>103S</b>   | Wire stripper/cutter                   | 1    | <b>HS6</b>    | Nutdriver—hollow shaft  | 1    |
| <b>99X10</b>     | Extension                                | 1    | <b>K22</b>    | Electrician's knife                    | 1    | <b>HS8</b>    | Nutdriver—hollow shaft  | 1    |
| <b>9938</b>      | Reamer                                   | 1    | <b>M60</b>    | Mini drivers                           | 1    | <b>HS10</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99125</b>     | Slotted screw blade                      | 1    | <b>XL75</b>   | Offset ratchet screwdrivers            | 1    | <b>HS11</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99250</b>     | Slotted screw blade                      | 1    | <b>600</b>    | Combination screwdriver-nutdriver tool | 1    | <b>HS12</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99312</b>     | Slotted screw blade                      | 1    | <b>SB1</b>    | Dual reversible screwdriver blade      | 1    | <b>HS14</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99811</b>     | Slotted screw blade                      | 1    | <b>R144</b>   | Slotted screwdriver                    | 1    | <b>HS16</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99820</b>     | Phillips screw blade                     | 1    | <b>R146</b>   | Slotted screwdriver                    | 1    | <b>HS18</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99821</b>     | Phillips screw blade                     | 1    | <b>R181</b>   | Slotted screwdriver                    | 1    | <b>8M</b>     | Nutdriver—magnetic      | 1    |
| <b>99822</b>     | Phillips screw blade                     | 1    | <b>R184</b>   | Slotted screwdriver                    | 1    | <b>10M</b>    | Nutdriver—magnetic      | 1    |
| <b>9961 - 69</b> | Bristol 6-flute multi. spline blades (9) | 1    | <b>R3164</b>  | Slotted screwdriver                    | 1    | <b>P3</b>     | Midget nutdriver        | 1    |
| <b>9920 - 26</b> | Allen hex socket type blades (7)         | 1    | <b>R3166</b>  | Slotted screwdriver (insulated)        | 1    | <b>P4</b>     | Midget nutdriver        | 1    |
| <b>99764</b>     | Allen hex socket type blade              | 1    | <b>R3323</b>  | Slotted screwdriver                    | 1    | <b>P5</b>     | Midget nutdriver        | 1    |
| <b>99964</b>     | Allen hex socket type blade              | 1    | <b>R5325</b>  | Slotted screwdriver                    | 1    | <b>P6</b>     | Midget nutdriver        | 1    |
| <b>42H</b>       | Straight nose seizer                     | 1    | <b>S388</b>   | Slotted screwdriver                    | 1    | <b>P7</b>     | Midget nutdriver        | 1    |
| <b>46CG</b>      | Adjustable wrench 6"/152mm               | 1    | <b>S3161</b>  | Slotted screwdriver                    | 1    | <b>P8</b>     | Midget nutdriver        | 1    |
| <b>50CG</b>      | Midget slip joint pliers 5"/127mm        | 1    | <b>S5161</b>  | Slotted screwdriver                    | 1    | <b>P9</b>     | Midget nutdriver        | 1    |
| <b>51CG</b>      | Long nose pliers 6"/152mm                | 1    | <b>S5166</b>  | Slotted screwdriver                    | 1    | <b>P10</b>    | Midget nutdriver        | 1    |
| <b>53CG</b>      | Utility pliers 7"/178mm                  | 1    | <b>SX101</b>  | Phillips screwdriver                   | 1    | <b>P11</b>    | Midget nutdriver        | 1    |
| <b>54CG</b>      | Diagonal pliers 4"/101mm                 | 1    | <b>XST100</b> | Phillips screwdriver                   | 1    | <b>P12</b>    | Midget nutdriver        | 1    |
| <b>66CG</b>      | Diagonal pliers 6"/152mm                 | 1    | <b>XST101</b> | Phillips screwdriver                   | 1    | <b>TA2</b>    | Torque amplifier handle | 1    |

# Model TC100ST and TC100MT

- Largest, most elaborate of tool cases
- Contains 53 individual hand tools, 31 Series 99® interchangeable screwdriver/nutdriver blades and handles, and 2 specialized screwdriver/nutdriver kits (as listed)
- Covered with attractive durable charcoal brown leather-grain Marvelon vinyl
- Removable 3-panel hinged tool pallet in lid plus additional pallet in bottom
- Solid brass hardware with anodized aluminum divider in bottom
- Size: 18 3/4" x 12 1/2" x 5 7/8"/476mm x 318mm x 149mm



| Cat No.        | UPC No.      | Description             |
|----------------|--------------|-------------------------|
| <b>TC100ST</b> | 037103486271 | Tool case with tools    |
| <b>TC100MT</b> | 037103486257 | Tool case only-NO TOOLS |

| Cat No.          | UPC No.                                  | Qty. | Cat No.       | UPC No.                                | Qty. | Cat No.       | UPC No.                 | Qty. |
|------------------|------------------------------------------|------|---------------|----------------------------------------|------|---------------|-------------------------|------|
| <b>991</b>       | Handle – regular                         | 1    | <b>57CG</b>   | Needle nose pliers 5 1/2"/139mm        | 1    | <b>XST102</b> | Phillips screwdriver    | 1    |
| <b>991R</b>      | Handle – regular ratchet                 | 1    | <b>59CG</b>   | Chain nose pliers 8"/203mm             | 1    | <b>P18</b>    | Hex socket screwdriver  | 1    |
| <b>994R</b>      | Handle – Tee ratchet                     | 1    | <b>86CG</b>   | Electronic snips                       | 1    | <b>P19</b>    | Hex socket screwdriver  | 1    |
| <b>99X5</b>      | Extension                                | 1    | <b>103S</b>   | Wire stripper/cutter                   | 1    | <b>HS6</b>    | Nutdriver—hollow shaft  | 1    |
| <b>99X10</b>     | Extension                                | 1    | <b>K22</b>    | Electrician's knife                    | 1    | <b>HS8</b>    | Nutdriver—hollow shaft  | 1    |
| <b>9938</b>      | Reamer                                   | 1    | <b>M60</b>    | Mini drivers                           | 1    | <b>HS10</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99125</b>     | Slotted screw blade                      | 1    | <b>XL75</b>   | Offset ratchet screwdrivers            | 1    | <b>HS11</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99250</b>     | Slotted screw blade                      | 1    | <b>600</b>    | Combination screwdriver-nutdriver tool | 1    | <b>HS12</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99312</b>     | Slotted screw blade                      | 1    | <b>SB1</b>    | Dual reversible screwdriver blade      | 1    | <b>HS14</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99811</b>     | Slotted screw blade                      | 1    | <b>R144</b>   | Slotted screwdriver                    | 1    | <b>HS16</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99820</b>     | Phillips screw blade                     | 1    | <b>R146</b>   | Slotted screwdriver                    | 1    | <b>HS18</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99821</b>     | Phillips screw blade                     | 1    | <b>R181</b>   | Slotted screwdriver                    | 1    | <b>8M</b>     | Nutdriver—magnetic      | 1    |
| <b>99822</b>     | Phillips screw blade                     | 1    | <b>R184</b>   | Slotted screwdriver                    | 1    | <b>10M</b>    | Nutdriver—magnetic      | 1    |
| <b>9961 - 69</b> | Bristol 6-flute multi. spline blades (9) | 1    | <b>R3164</b>  | Slotted screwdriver                    | 1    | <b>P3</b>     | Midget nutdriver        | 1    |
| <b>9920 - 26</b> | Allen hex socket type blades (7)         | 1    | <b>R3166</b>  | Slotted screwdriver (insulated)        | 1    | <b>P4</b>     | Midget nutdriver        | 1    |
| <b>99764</b>     | Allen hex socket type blade              | 1    | <b>R3323</b>  | Slotted screwdriver                    | 1    | <b>P5</b>     | Midget nutdriver        | 1    |
| <b>99964</b>     | Allen hex socket type blade              | 1    | <b>R5325</b>  | Slotted screwdriver                    | 1    | <b>P6</b>     | Midget nutdriver        | 1    |
| <b>42H</b>       | Straight nose seizer                     | 1    | <b>S388</b>   | Slotted screwdriver                    | 1    | <b>P7</b>     | Midget nutdriver        | 1    |
| <b>46CG</b>      | Adjustable wrench 6"/152mm               | 1    | <b>S3161</b>  | Slotted screwdriver                    | 1    | <b>P8</b>     | Midget nutdriver        | 1    |
| <b>50CG</b>      | Midget slip joint pliers 5"/127mm        | 1    | <b>S5161</b>  | Slotted screwdriver                    | 1    | <b>P9</b>     | Midget nutdriver        | 1    |
| <b>51CG</b>      | Long nose pliers 6"/152mm                | 1    | <b>S5166</b>  | Slotted screwdriver                    | 1    | <b>P10</b>    | Midget nutdriver        | 1    |
| <b>53CG</b>      | Utility pliers 7"/178mm                  | 1    | <b>SX101</b>  | Phillips screwdriver                   | 1    | <b>P11</b>    | Midget nutdriver        | 1    |
| <b>54CG</b>      | Diagonal pliers 4"/101mm                 | 1    | <b>XST100</b> | Phillips screwdriver                   | 1    | <b>P12</b>    | Midget nutdriver        | 1    |
| <b>66CG</b>      | Diagonal pliers 6"/152mm                 | 1    | <b>XST101</b> | Phillips screwdriver                   | 1    | <b>TA2</b>    | Torque amplifier handle | 1    |

# Model TCA100ST and TCA100MT



- Contains 53 individual hand tools, 31 Series 99® interchangeable screwdriver/nutdriver blades and handles, and 2 specialized screwdriver/nutdriver kits (as listed)
- Hi-tech aluminum tool case with smooth finish, keyless combination lock and chrome-plated latches
- Tongue and groove lid with rubber gasket ensures a positive seal from dirt or water
- Case with removable 3-panel hinged tool pallet in lid plus additional panel in bottom
- Size: 17 5/8" x 12 5/8" x 7 7/8"/448mm x 321mm x 200mm

| Cat No.         | UPC No.      | Description             |
|-----------------|--------------|-------------------------|
| <b>TCA100ST</b> | 037103491343 | Tool case with tools    |
| <b>TCA100MT</b> | 037103491336 | Tool case only-NO TOOLS |

| Cat No.          | UPC No.                                  | Qty. | Cat No.       | UPC No.                                | Qty. | Cat No.       | UPC No.                 | Qty. |
|------------------|------------------------------------------|------|---------------|----------------------------------------|------|---------------|-------------------------|------|
| <b>991</b>       | Handle – regular                         | 1    | <b>57CG</b>   | Needle nose pliers 5 1/2"/139mm        | 1    | <b>XST102</b> | Phillips screwdriver    | 1    |
| <b>991R</b>      | Handle – regular ratchet                 | 1    | <b>59CG</b>   | Chain nose pliers 8"/203mm             | 1    | <b>P18</b>    | Hex socket screwdriver  | 1    |
| <b>994R</b>      | Handle – Tee ratchet                     | 1    | <b>86CG</b>   | Electronic snips                       | 1    | <b>P19</b>    | Hex socket screwdriver  | 1    |
| <b>99X5</b>      | Extension                                | 1    | <b>103S</b>   | Wire stripper/cutter                   | 1    | <b>HS6</b>    | Nutdriver—hollow shaft  | 1    |
| <b>99X10</b>     | Extension                                | 1    | <b>K22</b>    | Electrician's knife                    | 1    | <b>HS8</b>    | Nutdriver—hollow shaft  | 1    |
| <b>9938</b>      | Reamer                                   | 1    | <b>M60</b>    | Mini drivers                           | 1    | <b>HS10</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99125</b>     | Slotted screw blade                      | 1    | <b>XL75</b>   | Offset ratchet screwdrivers            | 1    | <b>HS11</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99250</b>     | Slotted screw blade                      | 1    | <b>600</b>    | Combination screwdriver-nutdriver tool | 1    | <b>HS12</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99312</b>     | Slotted screw blade                      | 1    | <b>SB1</b>    | Dual reversible screwdriver blade      | 1    | <b>HS14</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99811</b>     | Slotted screw blade                      | 1    | <b>R144</b>   | Slotted screwdriver                    | 1    | <b>HS16</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99820</b>     | Phillips screw blade                     | 1    | <b>R146</b>   | Slotted screwdriver                    | 1    | <b>HS18</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99821</b>     | Phillips screw blade                     | 1    | <b>R181</b>   | Slotted screwdriver                    | 1    | <b>8M</b>     | Nutdriver—magnetic      | 1    |
| <b>99822</b>     | Phillips screw blade                     | 1    | <b>R184</b>   | Slotted screwdriver                    | 1    | <b>10M</b>    | Nutdriver—magnetic      | 1    |
| <b>9961 - 69</b> | Bristol 6-flute multi. spline blades (9) | 1    | <b>R3164</b>  | Slotted screwdriver                    | 1    | <b>P3</b>     | Midget nutdriver        | 1    |
| <b>9920 - 26</b> | Allen hex socket type blades (7)         | 1    | <b>R3166</b>  | Slotted screwdriver (insulated)        | 1    | <b>P4</b>     | Midget nutdriver        | 1    |
| <b>99764</b>     | Allen hex socket type blade              | 1    | <b>R3323</b>  | Slotted screwdriver                    | 1    | <b>P5</b>     | Midget nutdriver        | 1    |
| <b>99964</b>     | Allen hex socket type blade              | 1    | <b>R5325</b>  | Slotted screwdriver                    | 1    | <b>P6</b>     | Midget nutdriver        | 1    |
| <b>42H</b>       | Straight nose seizer                     | 1    | <b>S388</b>   | Slotted screwdriver                    | 1    | <b>P7</b>     | Midget nutdriver        | 1    |
| <b>46CG</b>      | Adjustable wrench 6"/152mm               | 1    | <b>S3161</b>  | Slotted screwdriver                    | 1    | <b>P8</b>     | Midget nutdriver        | 1    |
| <b>50CG</b>      | Midget slip joint pliers 5"/127mm        | 1    | <b>S5161</b>  | Slotted screwdriver                    | 1    | <b>P9</b>     | Midget nutdriver        | 1    |
| <b>51CG</b>      | Long nose pliers 6"/152mm                | 1    | <b>S5166</b>  | Slotted screwdriver                    | 1    | <b>P10</b>    | Midget nutdriver        | 1    |
| <b>53CG</b>      | Utility pliers 7"/178mm                  | 1    | <b>SX101</b>  | Phillips screwdriver                   | 1    | <b>P11</b>    | Midget nutdriver        | 1    |
| <b>54CG</b>      | Diagonal pliers 4"/101mm                 | 1    | <b>XST100</b> | Phillips screwdriver                   | 1    | <b>P12</b>    | Midget nutdriver        | 1    |
| <b>66CG</b>      | Diagonal pliers 6"/152mm                 | 1    | <b>XST101</b> | Phillips screwdriver                   | 1    | <b>TA2</b>    | Torque amplifier handle | 1    |

# Model TCMB100ST and TCMB100MT

- Contains 53 individual hand tools, 31 Series 99® interchangeable screwdriver/nutdriver blades and handles, and 2 specialized screwdriver/nutdriver kits (as listed)
- Contains 3-panel hinged tool pallet in lid plus additional pallet in bottom
- Super tough, black polyethylene with rich looking black anodized aluminum hardware
- Size: 17 3/4" x 12 5/8" x 5 3/4"/451mm x 321mm x 146mm



| Cat No.          | UPC No.      | Description             |
|------------------|--------------|-------------------------|
| <b>TCMB100ST</b> | 037103491990 | Tool case with tools    |
| <b>TCMB100MT</b> | 037103491206 | Tool case only-NO TOOLS |

| Cat No.          | UPC No.                                  | Qty. | Cat No.       | UPC No.                                | Qty. | Cat No.       | UPC No.                 | Qty. |
|------------------|------------------------------------------|------|---------------|----------------------------------------|------|---------------|-------------------------|------|
| <b>991</b>       | Handle – regular                         | 1    | <b>57CG</b>   | Needle nose pliers 5 1/2"/139mm        | 1    | <b>XST102</b> | Phillips screwdriver    | 1    |
| <b>991R</b>      | Handle – regular ratchet                 | 1    | <b>59CG</b>   | Chain nose pliers 8"/203mm             | 1    | <b>P18</b>    | Hex socket screwdriver  | 1    |
| <b>994R</b>      | Handle – Tee ratchet                     | 1    | <b>86CG</b>   | Electronic snips                       | 1    | <b>P19</b>    | Hex socket screwdriver  | 1    |
| <b>99X5</b>      | Extension                                | 1    | <b>103S</b>   | Wire stripper/cutter                   | 1    | <b>HS6</b>    | Nutdriver—hollow shaft  | 1    |
| <b>99X10</b>     | Extension                                | 1    | <b>K22</b>    | Electrician's knife                    | 1    | <b>HS8</b>    | Nutdriver—hollow shaft  | 1    |
| <b>9938</b>      | Reamer                                   | 1    | <b>M60</b>    | Mini drivers                           | 1    | <b>HS10</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99125</b>     | Slotted screw blade                      | 1    | <b>XL75</b>   | Offset ratchet screwdrivers            | 1    | <b>HS11</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99250</b>     | Slotted screw blade                      | 1    | <b>600</b>    | Combination screwdriver-nutdriver tool | 1    | <b>HS12</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99312</b>     | Slotted screw blade                      | 1    | <b>SB1</b>    | Dual reversible screwdriver blade      | 1    | <b>HS14</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99811</b>     | Slotted screw blade                      | 1    | <b>R144</b>   | Slotted screwdriver                    | 1    | <b>HS16</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99820</b>     | Phillips screw blade                     | 1    | <b>R146</b>   | Slotted screwdriver                    | 1    | <b>HS18</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99821</b>     | Phillips screw blade                     | 1    | <b>R181</b>   | Slotted screwdriver                    | 1    | <b>8M</b>     | Nutdriver—magnetic      | 1    |
| <b>99822</b>     | Phillips screw blade                     | 1    | <b>R184</b>   | Slotted screwdriver                    | 1    | <b>10M</b>    | Nutdriver—magnetic      | 1    |
| <b>9961 - 69</b> | Bristol 6-flute multi. spline blades (9) | 1    | <b>R3164</b>  | Slotted screwdriver                    | 1    | <b>P3</b>     | Midget nutdriver        | 1    |
| <b>9920 - 26</b> | Allen hex socket type blades (7)         | 1    | <b>R3166</b>  | Slotted screwdriver (insulated)        | 1    | <b>P4</b>     | Midget nutdriver        | 1    |
| <b>99764</b>     | Allen hex socket type blade              | 1    | <b>R3323</b>  | Slotted screwdriver                    | 1    | <b>P5</b>     | Midget nutdriver        | 1    |
| <b>99964</b>     | Allen hex socket type blade              | 1    | <b>R5325</b>  | Slotted screwdriver                    | 1    | <b>P6</b>     | Midget nutdriver        | 1    |
| <b>42H</b>       | Straight nose seizer                     | 1    | <b>S388</b>   | Slotted screwdriver                    | 1    | <b>P7</b>     | Midget nutdriver        | 1    |
| <b>46CG</b>      | Adjustable wrench 6"/152mm               | 1    | <b>S3161</b>  | Slotted screwdriver                    | 1    | <b>P8</b>     | Midget nutdriver        | 1    |
| <b>50CG</b>      | Midget slip joint pliers 5"/127mm        | 1    | <b>S5161</b>  | Slotted screwdriver                    | 1    | <b>P9</b>     | Midget nutdriver        | 1    |
| <b>51CG</b>      | Long nose pliers 6"/152mm                | 1    | <b>S5166</b>  | Slotted screwdriver                    | 1    | <b>P10</b>    | Midget nutdriver        | 1    |
| <b>53CG</b>      | Utility pliers 7"/178mm                  | 1    | <b>SX101</b>  | Phillips screwdriver                   | 1    | <b>P11</b>    | Midget nutdriver        | 1    |
| <b>54CG</b>      | Diagonal pliers 4"/101mm                 | 1    | <b>XST100</b> | Phillips screwdriver                   | 1    | <b>P12</b>    | Midget nutdriver        | 1    |
| <b>66CG</b>      | Diagonal pliers 6"/152mm                 | 1    | <b>XST101</b> | Phillips screwdriver                   | 1    | <b>TA2</b>    | Torque amplifier handle | 1    |

# Model TCS100ST and TCS100MT



- Contains 53 individual hand tools, 31 Series 99® interchangeable screwdriver/nutdriver blades and handles, and 2 specialized screwdriver/nutdriver kits (as listed)
- Case made from rugged Cordura® with dual heavy-duty zippers and soft leather wrapped handles
- Contains (on outside) 1 pocket on one side and 2 smaller pockets on opposite
- Size: 17" x 12" x 3 1/4"/432mm x 305mm x 83mm
- Cordura® is a registered trademark of DUPONT

| Cat No.         | UPC No.      | Description             |
|-----------------|--------------|-------------------------|
| <b>TCS100ST</b> | 037103491251 | Tool case with tools    |
| <b>TCS100MT</b> | 037103491268 | Tool case only-NO TOOLS |

| Cat No.          | UPC No.                                  | Qty. | Cat No.       | UPC No.                                | Qty. | Cat No.       | UPC No.                 | Qty. |
|------------------|------------------------------------------|------|---------------|----------------------------------------|------|---------------|-------------------------|------|
| <b>991</b>       | Handle – regular                         | 1    | <b>57CG</b>   | Needle nose pliers 5 1/2"/139mm        | 1    | <b>XST102</b> | Phillips screwdriver    | 1    |
| <b>991R</b>      | Handle – regular ratchet                 | 1    | <b>59CG</b>   | Chain nose pliers 8"/203mm             | 1    | <b>P18</b>    | Hex socket screwdriver  | 1    |
| <b>994R</b>      | Handle – Tee ratchet                     | 1    | <b>86CG</b>   | Electronic snips                       | 1    | <b>P19</b>    | Hex socket screwdriver  | 1    |
| <b>99X5</b>      | Extension                                | 1    | <b>103S</b>   | Wire stripper/cutter                   | 1    | <b>HS6</b>    | Nutdriver—hollow shaft  | 1    |
| <b>99X10</b>     | Extension                                | 1    | <b>K22</b>    | Electrician's knife                    | 1    | <b>HS8</b>    | Nutdriver—hollow shaft  | 1    |
| <b>9938</b>      | Reamer                                   | 1    | <b>M60</b>    | Mini drivers                           | 1    | <b>HS10</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99125</b>     | Slotted screw blade                      | 1    | <b>XL75</b>   | Offset ratchet screwdrivers            | 1    | <b>HS11</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99250</b>     | Slotted screw blade                      | 1    | <b>600</b>    | Combination screwdriver-nutdriver tool | 1    | <b>HS12</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99312</b>     | Slotted screw blade                      | 1    | <b>SB1</b>    | Dual reversible screwdriver blade      | 1    | <b>HS14</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99811</b>     | Slotted screw blade                      | 1    | <b>R144</b>   | Slotted screwdriver                    | 1    | <b>HS16</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99820</b>     | Phillips screw blade                     | 1    | <b>R146</b>   | Slotted screwdriver                    | 1    | <b>HS18</b>   | Nutdriver—hollow shaft  | 1    |
| <b>99821</b>     | Phillips screw blade                     | 1    | <b>R181</b>   | Slotted screwdriver                    | 1    | <b>8M</b>     | Nutdriver—magnetic      | 1    |
| <b>99822</b>     | Phillips screw blade                     | 1    | <b>R184</b>   | Slotted screwdriver                    | 1    | <b>10M</b>    | Nutdriver—magnetic      | 1    |
| <b>9961 - 69</b> | Bristol 6-flute multi. spline blades (9) | 1    | <b>R3164</b>  | Slotted screwdriver                    | 1    | <b>P3</b>     | Midget nutdriver        | 1    |
| <b>9920 - 26</b> | Allen hex socket type blades (7)         | 1    | <b>R3166</b>  | Slotted screwdriver (insulated)        | 1    | <b>P4</b>     | Midget nutdriver        | 1    |
| <b>99764</b>     | Allen hex socket type blade              | 1    | <b>R3323</b>  | Slotted screwdriver                    | 1    | <b>P5</b>     | Midget nutdriver        | 1    |
| <b>99964</b>     | Allen hex socket type blade              | 1    | <b>R5325</b>  | Slotted screwdriver                    | 1    | <b>P6</b>     | Midget nutdriver        | 1    |
| <b>42H</b>       | Straight nose seizer                     | 1    | <b>S388</b>   | Slotted screwdriver                    | 1    | <b>P7</b>     | Midget nutdriver        | 1    |
| <b>46CG</b>      | Adjustable wrench 6"/152mm               | 1    | <b>S3161</b>  | Slotted screwdriver                    | 1    | <b>P8</b>     | Midget nutdriver        | 1    |
| <b>50CG</b>      | Midget slip joint pliers 5"/127mm        | 1    | <b>S5161</b>  | Slotted screwdriver                    | 1    | <b>P9</b>     | Midget nutdriver        | 1    |
| <b>51CG</b>      | Long nose pliers 6"/152mm                | 1    | <b>S5166</b>  | Slotted screwdriver                    | 1    | <b>P10</b>    | Midget nutdriver        | 1    |
| <b>53CG</b>      | Utility pliers 7"/178mm                  | 1    | <b>SX101</b>  | Phillips screwdriver                   | 1    | <b>P11</b>    | Midget nutdriver        | 1    |
| <b>54CG</b>      | Diagonal pliers 4"/101mm                 | 1    | <b>XST100</b> | Phillips screwdriver                   | 1    | <b>P12</b>    | Midget nutdriver        | 1    |
| <b>66CG</b>      | Diagonal pliers 6"/152mm                 | 1    | <b>XST101</b> | Phillips screwdriver                   | 1    | <b>TA2</b>    | Torque amplifier handle | 1    |

## Model TC150ST and TC150MT

- A carefully selected, intermediate assortment of Xcelite® hand tools
- Contains 23 individual hand tools, popular WP25 Weller® 25 watt soldering iron, 24 Series 99® interchangeable screwdriver/nutdriver blades and handles, XL70 offset ratchet screwdriver set, measuring tape and solder (as listed)
- Covered with attractive durable tan leather grain Marvelon vinyl
- Removable tool pallet in lid and bottom
- Solid brass hardware and padded handle with anodized aluminum divider in bottom
- Size: 18" x 12 5/8" x 4 1/4"/457mm x 321mm x 108mm



| Cat No.        | UPC No.      | Description             |
|----------------|--------------|-------------------------|
| <b>TC150ST</b> | 037103486288 | Tool case with tools    |
| <b>TC150MT</b> | 037103486264 | Tool case only-NO TOOLS |

| Cat No.                  | UPC No.                           | Qty. |
|--------------------------|-----------------------------------|------|
| <b>991, 994R</b>         | Handles (regular and ratchet Tee) | 1    |
| <b>99X5</b>              | Extension                         | 1    |
| <b>9920 - 26,</b>        | Allen hex-socket type blades (9)  | 1    |
| <b>99764, 99964</b>      |                                   |      |
| <b>996 - 12</b>          | Hex nutdriver blades (7)          | 1    |
| <b>99250 &amp; 99811</b> | Hex nutdriver blades              | 1    |
| <b>99821 &amp; 99822</b> | Phillips screw blades             | 1    |
| <b>9938</b>              | Reamer                            | 1    |
| <b>42H</b>               | Seizer                            | 1    |
| <b>46CG</b>              | Adjustable wrench                 | 1    |
| <b>50CG</b>              | Midget slip joint pliers 5"/127mm | 1    |
| <b>53CG</b>              | 7"/178mm Utility pliers           | 1    |

| Cat No.      | UPC No.                    | Qty. |
|--------------|----------------------------|------|
| <b>51CG</b>  | Long nose pliers 6"/152mm  | 1    |
| <b>54CG</b>  | 4"/102mm Diagonal          | 1    |
| <b>55CG</b>  | 5"/127mm Diagonal          | 1    |
| <b>57CG</b>  | 5 1/2"/102mm Diagonal      | 1    |
| <b>59CG</b>  | 8"/203mm Chain nose pliers | 1    |
| <b>86CG</b>  | Electronic snips           | 1    |
| <b>101S</b>  | Wire stripper              | 1    |
| <b>K22</b>   | Electrician's knife        | 1    |
| <b>R181</b>  | Slotted screwdriver        | 1    |
| <b>R3323</b> | Slotted screwdriver        | 1    |
| <b>R184</b>  | Slotted screwdriver        | 1    |
| <b>R3164</b> | Slotted screwdriver        | 1    |

| Cat No.        | UPC No.                               | Qty. |
|----------------|---------------------------------------|------|
| <b>S5166</b>   | Slotted screwdriver                   | 1    |
| <b>S3161</b>   | Slotted screwdriver                   | 1    |
| <b>SX101</b>   | Phillips screwdriver                  | 1    |
| <b>XL75</b>    | 5-piece set in see-thru plastic pouch | 1    |
| <b>600</b>     | Combination Dual Nutdriver Handle     | 1    |
| <b>W9210ME</b> | 10-foot tape                          | 1    |
| <b>HS14</b>    | Hollow shaft                          | 1    |
| <b>HS16</b>    | Hollow shaft                          | 1    |
| <b>8M</b>      | Magnetic                              | 1    |
| <b>10M</b>     | Magnetic                              | 1    |
| <b>WP25</b>    | Weller 25 watt soldering iron         | 1    |

# Model TCA150ST and TCA150MT



- Carefully selected, intermediate assortment of Xcelite® hand tools and WP25 Weller® 25 watt soldering iron
- Contains 23 individual hand tools, 24 Series 99® interchangeable screwdriver/nutdriver blades and handles, XL70 offset ratchet screwdriver set, measuring tape and solder (as listed)
- High tech aluminum tool case with smooth finish, keyless combination lock and chrome-plated latch
- Tongue and groove lid with rubber gasket ensures a positive seal from dirt or water
- Case complete with removable pallet in lid plus additional panel in bottom
- Size: 17 5/8" x 12 5/8" x 5 3/4"/448mm x 321mm x 146mm

| Cat No.         | UPC No.      | Description             |
|-----------------|--------------|-------------------------|
| <b>TCA150ST</b> | 037103491367 | Tool case with tools    |
| <b>TCA150MT</b> | 037103491350 | Tool case only-NO TOOLS |

| Cat No.                  | UPC No.                           | Qty. | Cat No.      | UPC No.                    | Qty. | Cat No.        | UPC No.                               | Qty. |
|--------------------------|-----------------------------------|------|--------------|----------------------------|------|----------------|---------------------------------------|------|
| <b>991, 994R</b>         | Handles (regular and ratchet Tee) | 1    | <b>51CG</b>  | Long nose pliers 6"/152mm  | 1    | <b>S5166</b>   | Slotted screwdriver                   | 1    |
| <b>99X5</b>              | Extension                         | 1    | <b>54CG</b>  | 4"/102mm Diagonal          | 1    | <b>S3161</b>   | Slotted screwdriver                   | 1    |
| <b>9920 - 26,</b>        | Allen hex-socket type blades (9)  | 1    | <b>55CG</b>  | 5"/127mm Diagonal          | 1    | <b>SX101</b>   | Phillips screwdriver                  | 1    |
| <b>99764, 99964</b>      |                                   |      | <b>57CG</b>  | 5 1/2"/102mm Diagonal      | 1    | <b>XL75</b>    | 5-piece set in see-thru plastic pouch | 1    |
| <b>996 - 12</b>          | Hex nutdriver blades (7)          | 1    | <b>59CG</b>  | 8"/203mm Chain nose pliers | 1    | <b>600</b>     | Combination Dual Nutdriver Handle     | 1    |
| <b>99250 &amp; 99811</b> | Hex nutdriver blades              | 1    | <b>86CG</b>  | Electronic snips           | 1    | <b>W9210ME</b> | 10-foot tape                          | 1    |
| <b>99821 &amp; 99822</b> | Phillips screw blades             | 1    | <b>101S</b>  | Wire stripper              | 1    | <b>HS14</b>    | Hollow shaft                          | 1    |
| <b>9938</b>              | Reamer                            | 1    | <b>K22</b>   | Electrician's knife        | 1    | <b>HS16</b>    | Hollow shaft                          | 1    |
| <b>42H</b>               | Seizer                            | 1    | <b>R181</b>  | Slotted screwdriver        | 1    | <b>8M</b>      | Magnetic                              | 1    |
| <b>46CG</b>              | Adjustable wrench                 | 1    | <b>R3323</b> | Slotted screwdriver        | 1    | <b>10M</b>     | Magnetic                              | 1    |
| <b>50CG</b>              | Midget slip joint pliers 5"/127mm | 1    | <b>R184</b>  | Slotted screwdriver        | 1    | <b>WP25</b>    | Weller 25 watt soldering iron         | 1    |
| <b>53CG</b>              | 7"/178mm Utility pliers           | 1    | <b>R3164</b> | Slotted screwdriver        | 1    | <b>RC60</b>    | Rosin core solder                     | 1    |

## Model TCMB150ST and TCMB150MT

- Carefully selected intermediate assortment of Xcelite® hand tools
- Contains 23 individual hand tools, popular WP25 Weller® 25 watt soldering iron, 24 Series 99® interchangeable screwdriver/nutdriver blades and handles, XL75 offset ratchet screwdriver set, measuring tape and solder (as listed)
- Super tough, black polyethylene with rich looking black anodized aluminum hardware
- Size: 17 3/4" x 12 5/8" x 4 3/4"/451mm x 321mm x 121mm



| Cat No.          | UPC No.      | Description             |
|------------------|--------------|-------------------------|
| <b>TCMB150ST</b> | 037103491213 | Tool case with tools    |
| <b>TCMB150MT</b> | 037103491220 | Tool case only-NO TOOLS |

| Cat No.                  | UPC No.                           | Qty. | Cat No.      | UPC No.                    | Qty. | Cat No.        | UPC No.                               | Qty. |
|--------------------------|-----------------------------------|------|--------------|----------------------------|------|----------------|---------------------------------------|------|
| <b>991, 994R</b>         | Handles (regular and ratchet Tee) | 1    | <b>51CG</b>  | Long nose pliers 6"/152mm  | 1    | <b>S5166</b>   | Slotted screwdriver                   | 1    |
| <b>99X5</b>              | Extension                         | 1    | <b>54CG</b>  | 4"/102mm Diagonal          | 1    | <b>S3161</b>   | Slotted screwdriver                   | 1    |
| <b>9920 - 26,</b>        | Allen hex-socket type blades (9)  | 1    | <b>55CG</b>  | 5"/127mm Diagonal          | 1    | <b>SX101</b>   | Phillips screwdriver                  | 1    |
| <b>99764, 99964</b>      |                                   |      | <b>57CG</b>  | 5 1/2"/102mm Diagonal      | 1    | <b>XL75</b>    | 5-piece set in see-thru plastic pouch | 1    |
| <b>996 - 12</b>          | Hex nutdriver blades (7)          | 1    | <b>59CG</b>  | 8"/203mm Chain nose pliers | 1    | <b>600</b>     | Combination Dual Nutdriver Handle     | 1    |
| <b>99250 &amp; 99811</b> | Hex nutdriver blades              | 1    | <b>86CG</b>  | Electronic snips           | 1    | <b>W9210ME</b> | 10-foot tape                          | 1    |
| <b>99821 &amp; 99822</b> | Phillips screw blades             | 1    | <b>101S</b>  | Wire stripper              | 1    | <b>HS14</b>    | Hollow shaft                          | 1    |
| <b>9938</b>              | Reamer                            | 1    | <b>K22</b>   | Electrician's knife        | 1    | <b>HS16</b>    | Hollow shaft                          | 1    |
| <b>42H</b>               | Seizer                            | 1    | <b>R181</b>  | Slotted screwdriver        | 1    | <b>8M</b>      | Magnetic                              | 1    |
| <b>46CG</b>              | Adjustable wrench                 | 1    | <b>R3323</b> | Slotted screwdriver        | 1    | <b>10M</b>     | Magnetic                              | 1    |
| <b>50CG</b>              | Midget slip joint pliers 5"/127mm | 1    | <b>R184</b>  | Slotted screwdriver        | 1    | <b>WP25</b>    | Weller 25 watt soldering iron         | 1    |
| <b>53CG</b>              | 7"/178mm Utility pliers           | 1    | <b>R3164</b> | Slotted screwdriver        | 1    |                |                                       |      |

# Model TCMG150ST and TCMG150MT



- Carefully selected intermediate assortment of Xcelite® hand tools
- Contains 23 individual hand tools, popular WP25 Weller® 25 watt soldering iron, 24 Series 99® interchangeable screwdriver/nutdriver blades and handles, XL75 offset ratchet screwdriver set, measuring tape and solder (as listed)
- Durable, double skin blow-molded plastic case
- Size: 17 3/4" x 12 5/8" x 4 3/4"/451mm x 321mm x 121mm

| Cat No.          | UPC No.      | Description             |
|------------------|--------------|-------------------------|
| <b>TCMG150ST</b> | 037103162755 | Tool case with tools    |
| <b>TCMG150MT</b> | 037103162762 | Tool case only-NO TOOLS |

| Cat No.                        | UPC No.                           | Qty. |
|--------------------------------|-----------------------------------|------|
| <b>991, 994R</b>               | Handles (regular and ratchet Tee) | 1    |
| <b>99X5</b>                    | Extension                         | 1    |
| <b>9920 - 26, 99764, 99964</b> | Allen hex-socket type blades (9)  | 1    |
| <b>996 - 12</b>                | Hex nutdriver blades (7)          | 1    |
| <b>99250 &amp; 99811</b>       | Hex nutdriver blades              | 1    |
| <b>99821 &amp; 99822</b>       | Phillips screw blades             | 1    |
| <b>9938</b>                    | Reamer                            | 1    |
| <b>42H</b>                     | Seizer                            | 1    |
| <b>46CG</b>                    | Adjustable wrench                 | 1    |
| <b>50CG</b>                    | Midget slip joint pliers 5"/127mm | 1    |
| <b>53CG</b>                    | 7"/178mm Utility pliers           | 1    |

| Cat No.      | UPC No.                    | Qty. |
|--------------|----------------------------|------|
| <b>51CG</b>  | Long nose pliers 6"/152mm  | 1    |
| <b>54CG</b>  | 4"/102mm Diagonal          | 1    |
| <b>55CG</b>  | 5"/127mm Diagonal          | 1    |
| <b>57CG</b>  | 5 1/2"/102mm Diagonal      | 1    |
| <b>59CG</b>  | 8"/203mm Chain nose pliers | 1    |
| <b>86CG</b>  | Electronic snips           | 1    |
| <b>101S</b>  | Wire stripper              | 1    |
| <b>K22</b>   | Electrician's knife        | 1    |
| <b>R181</b>  | Slotted screwdriver        | 1    |
| <b>R3323</b> | Slotted screwdriver        | 1    |
| <b>R184</b>  | Slotted screwdriver        | 1    |
| <b>R3164</b> | Slotted screwdriver        | 1    |

| Cat No.        | UPC No.                               | Qty. |
|----------------|---------------------------------------|------|
| <b>S5166</b>   | Slotted screwdriver                   | 1    |
| <b>S3161</b>   | Slotted screwdriver                   | 1    |
| <b>SX101</b>   | Phillips screwdriver                  | 1    |
| <b>XL75</b>    | 5-piece set in see-thru plastic pouch | 1    |
| <b>600</b>     | Combination Dual Nutdriver Handle     | 1    |
| <b>W9210ME</b> | 10-foot tape                          | 1    |
| <b>HS14</b>    | Hollow shaft                          | 1    |
| <b>HS16</b>    | Hollow shaft                          | 1    |
| <b>8M</b>      | Magnetic                              | 1    |
| <b>10M</b>     | Magnetic                              | 1    |
| <b>WP25</b>    | Weller 25 watt soldering iron         | 1    |

## Model TCS150ST and TCS150MT

- Carefully selected, intermediate assortment of Xcelite® hand tools
- Contains 23 individual hand tools, popular WP25 Weller® 25 watt soldering iron, 24 Series 99® interchangeable screwdriver / nutdriver blades and handles, XL75 offset ratchet screwdriver set, measuring tape and solder (as listed)
- Case made from rugged Cordura® with heavy-duty zipper and soft leather wrapped handles
- Contains (on outside) 1 pocket on 1 side and 2 smaller pockets on opposite
- Cordura® is a registered trademark of DUPONT
- Size: 17" x 12" X 3"/432mm x 305mm x 76mm



| Cat No.         | UPC No.      | Description             |
|-----------------|--------------|-------------------------|
| <b>TCS150ST</b> | 037103491275 | Tool case with tools    |
| <b>TCS150MT</b> | 037103491282 | Tool case only-NO TOOLS |

| Cat No.                  | UPC No.                           | Qty. | Cat No.      | UPC No.                    | Qty. | Cat No.        | UPC No.                               | Qty. |
|--------------------------|-----------------------------------|------|--------------|----------------------------|------|----------------|---------------------------------------|------|
| <b>991, 994R</b>         | Handles (regular and ratchet Tee) | 1    | <b>51CG</b>  | Long nose pliers 6"/152mm  | 1    | <b>S5166</b>   | Slotted screwdriver                   | 1    |
| <b>99X5</b>              | Extension                         | 1    | <b>54CG</b>  | 4"/102mm Diagonal          | 1    | <b>S3161</b>   | Slotted screwdriver                   | 1    |
| <b>9920 - 26,</b>        | Allen hex-socket type blades (9)  | 1    | <b>55CG</b>  | 5"/127mm Diagonal          | 1    | <b>SX101</b>   | Phillips screwdriver                  | 1    |
| <b>99764, 99964</b>      |                                   |      | <b>57CG</b>  | 5 1/2"/102mm Diagonal      | 1    | <b>XL75</b>    | 5-piece set in see-thru plastic pouch | 1    |
| <b>996 - 12</b>          | Hex nutdriver blades (7)          | 1    | <b>59CG</b>  | 8"/203mm Chain nose pliers | 1    | <b>600</b>     | Combination Dual Nutdriver Handle     | 1    |
| <b>99250 &amp; 99811</b> | Hex nutdriver blades              | 1    | <b>86CG</b>  | Electronic snips           | 1    | <b>W9210ME</b> | 10-foot tape                          | 1    |
| <b>99821 &amp; 99822</b> | Phillips screw blades             | 1    | <b>101S</b>  | Wire stripper              | 1    | <b>HS14</b>    | Hollow shaft                          | 1    |
| <b>9938</b>              | Reamer                            | 1    | <b>K22</b>   | Electrician's knife        | 1    | <b>HS16</b>    | Hollow shaft                          | 1    |
| <b>42H</b>               | Seizer                            | 1    | <b>R181</b>  | Slotted screwdriver        | 1    | <b>8M</b>      | Magnetic                              | 1    |
| <b>46CG</b>              | Adjustable wrench                 | 1    | <b>R3323</b> | Slotted screwdriver        | 1    | <b>10M</b>     | Magnetic                              | 1    |
| <b>50CG</b>              | Midget slip joint pliers 5"/127mm | 1    | <b>R184</b>  | Slotted screwdriver        | 1    | <b>WP25</b>    | Weller 25 watt soldering iron         | 1    |
| <b>53CG</b>              | 7"/178mm Utility pliers           | 1    | <b>R3164</b> | Slotted screwdriver        | 1    |                |                                       |      |

## Model TC200ST and TC200MT



- Fine blending of quality, economy and flexibility
- Contains 10 individual hand tools and 27 Series 99® interchangeable screwdriver/nutdriver blades and handles (as listed)
- Case covered with attractive durable black leather-grain Marvelon vinyl
- Removable tool pallet in lid
- Solid brass hardware and padded handle with anodized aluminum divider in bottom
- Size: 18" x 12 5/8" x 4 1/4"/457mm x 321mm x 108mm

| Cat No.        | UPC No.      | Description             |
|----------------|--------------|-------------------------|
| <b>TC200ST</b> | 037103486301 | Tool case with tools    |
| <b>TC200MT</b> | 037103486295 | Tool case only-NO TOOLS |

| Cat No.            | UPC No.                    | Qty. | Cat No.      | UPC No.             | Qty. | Cat No.     | UPC No.                         | Qty. |
|--------------------|----------------------------|------|--------------|---------------------|------|-------------|---------------------------------|------|
| <b>991</b>         | Straight handle            | 1    | <b>99811</b> | Slotted screw blade | 1    | <b>43H</b>  | Curved nose seizer 6"/152mm     | 1    |
| <b>994</b>         | Tee handle                 | 1    | <b>99250</b> | Slotted screw blade | 1    | <b>46CG</b> | Adjustable wrench 6"/152mm      | 1    |
| <b>9920 - 9926</b> | Hex socket screw blades(7) | 1    | <b>99312</b> | Slotted screw blade | 1    | <b>51CG</b> | Long nose pliers 6 1/2"/165mm   | 1    |
| <b>99764</b>       | Hex socket screw blade     | 1    | <b>996</b>   | Hex nutdriver blade | 1    | <b>53CG</b> | Utility pliers 7"/178mm         | 1    |
| <b>99964</b>       | Hex socket screw blade     | 1    | <b>998</b>   | Hex nutdriver blade | 1    | <b>64CG</b> | Diagonal pliers 4"/101mm        | 1    |
| <b>9938</b>        | Reamer                     | 1    | <b>9910</b>  | Hex nutdriver blade | 1    | <b>55CG</b> | Diagonal pliers 5"/127mm        | 1    |
| <b>99X5</b>        | Extension                  | 1    | <b>9911</b>  | Hex nutdriver blade | 1    | <b>57CG</b> | Needle nose pliers 5 1/2"/139mm | 1    |
| <b>99820</b>       | Phillips screw blade       | 1    | <b>9912</b>  | Hex nutdriver blade | 1    | <b>86CG</b> | Electronic snips                | 1    |
| <b>99821</b>       | Phillips screw blade       | 1    | <b>9914</b>  | Hex nutdriver blade | 1    | <b>101S</b> | Wire stripper-cutter            | 1    |
| <b>99822</b>       | Phillips screw blade       | 1    | <b>9916</b>  | Hex nutdriver blade | 1    | <b>K22</b>  | Electrician's knife             | 1    |
| <b>99125</b>       | Slotted screw blade        | 1    |              |                     |      |             |                                 |      |

# Model TCSE200ST and TCSE200MT

- Unique blend of quality, economy and flexibility
- Contains 10 individual hand tools and 27 Series 99® interchangeable screwdriver/nutdriver blades and handles (as listed)
- Lightweight case, made from rugged material which features a heavy-duty zipper and handles
- Removable tool pallet in lid
- Size: 13 1/2" x 10 1/2" x 2 3/8"/1343mm x 267mm x 60mm



| Cat No.          | UPC No.      | Description             |
|------------------|--------------|-------------------------|
| <b>TCSE200ST</b> | 037103143679 | Tool case with tools    |
| <b>TCSE200MT</b> | 037103146397 | Tool case only-NO TOOLS |

| Cat No.            | UPC No.                    | Qty. | Cat No.      | UPC No.             | Qty. | Cat No.     | UPC No.                         | Qty. |
|--------------------|----------------------------|------|--------------|---------------------|------|-------------|---------------------------------|------|
| <b>991</b>         | Straight handle            | 1    | <b>99811</b> | Slotted screw blade | 1    | <b>43H</b>  | Curved nose seizer 6"/152mm     | 1    |
| <b>994</b>         | Tee handle                 | 1    | <b>99250</b> | Slotted screw blade | 1    | <b>46CG</b> | Adjustable wrench 6"/152mm      | 1    |
| <b>9920 - 9926</b> | Hex socket screw blades(7) | 1    | <b>99312</b> | Slotted screw blade | 1    | <b>51CG</b> | Long nose pliers 6 1/2"/165mm   | 1    |
| <b>99764</b>       | Hex socket screw blade     | 1    | <b>996</b>   | Hex nutdriver blade | 1    | <b>53CG</b> | Utility pliers 7"/178mm         | 1    |
| <b>99964</b>       | Hex socket screw blade     | 1    | <b>998</b>   | Hex nutdriver blade | 1    | <b>64CG</b> | Diagonal pliers 4"/101mm        | 1    |
| <b>9938</b>        | Reamer                     | 1    | <b>9910</b>  | Hex nutdriver blade | 1    | <b>55CG</b> | Diagonal pliers 5"/127mm        | 1    |
| <b>99X5</b>        | Extension                  | 1    | <b>9911</b>  | Hex nutdriver blade | 1    | <b>57CG</b> | Needle nose pliers 5 1/2"/139mm | 1    |
| <b>99820</b>       | Phillips screw blade       | 1    | <b>9912</b>  | Hex nutdriver blade | 1    | <b>86CG</b> | Electronic snips                | 1    |
| <b>99821</b>       | Phillips screw blade       | 1    | <b>9914</b>  | Hex nutdriver blade | 1    | <b>101S</b> | Wire stripper-cutter            | 1    |
| <b>99822</b>       | Phillips screw blade       | 1    | <b>9916</b>  | Hex nutdriver blade | 1    | <b>K22</b>  | Electrician's knife             | 1    |
| <b>99125</b>       | Slotted screw blade        | 1    |              |                     |      |             |                                 |      |

## Model TCS200ST and TCS200MT



- Fine blending of quality, economy and flexibility
- Contains 10 individual hand tools and 27 Series 99® interchangeable screwdriver/nutdriver blades and handles (as listed)
- Case made from rugged Cordura® and features a heavy-duty zipper and soft leather wrapped handles
- Contains (on outside) 1 pocket on one side and 2 smaller pockets on opposite
- Size: 13 1/2" x 10 1/2" x 2 3/8"/343mm x 267mm x 60mm
- Cordura® is a registered trademark of DUPONT

| Cat No.         | UPC No.      | Description            |
|-----------------|--------------|------------------------|
| <b>TCS200ST</b> | 037103490421 | Tool case with tools   |
| <b>TCS200MT</b> | 037103490438 | Tool case only-NO TOOL |

| Cat No.            | UPC No.                    | Qty. |
|--------------------|----------------------------|------|
| <b>991</b>         | Straight handle            | 1    |
| <b>994</b>         | Tee handle                 | 1    |
| <b>9920 - 9926</b> | Hex socket screw blades(7) | 1    |
| <b>99764</b>       | Hex socket screw blade     | 1    |
| <b>99964</b>       | Hex socket screw blade     | 1    |
| <b>9938</b>        | Reamer                     | 1    |
| <b>99X5</b>        | Extension                  | 1    |
| <b>99820</b>       | Phillips screw blade       | 1    |
| <b>99821</b>       | Phillips screw blade       | 1    |
| <b>99822</b>       | Phillips screw blade       | 1    |
| <b>99125</b>       | Slotted screw blade        | 1    |

| Cat No.      | UPC No.             | Qty. |
|--------------|---------------------|------|
| <b>99811</b> | Slotted screw blade | 1    |
| <b>99250</b> | Slotted screw blade | 1    |
| <b>99312</b> | Slotted screw blade | 1    |
| <b>996</b>   | Hex nutdriver blade | 1    |
| <b>998</b>   | Hex nutdriver blade | 1    |
| <b>9910</b>  | Hex nutdriver blade | 1    |
| <b>9911</b>  | Hex nutdriver blade | 1    |
| <b>9912</b>  | Hex nutdriver blade | 1    |
| <b>9914</b>  | Hex nutdriver blade | 1    |
| <b>9916</b>  | Hex nutdriver blade | 1    |

| Cat No.     | UPC No.                         | Qty. |
|-------------|---------------------------------|------|
| <b>43H</b>  | Curved nose seizer 6"/152mm     | 1    |
| <b>46CG</b> | Adjustable wrench 6"/152mm      | 1    |
| <b>51CG</b> | Long nose pliers 6 1/2"/165mm   | 1    |
| <b>53CG</b> | Utility pliers 7"/178mm         | 1    |
| <b>64CG</b> | Diagonal pliers 4"/101mm        | 1    |
| <b>55CG</b> | Diagonal pliers 5"/127mm        | 1    |
| <b>57CG</b> | Needle nose pliers 5 1/2"/139mm | 1    |
| <b>86CG</b> | Electronic snips                | 1    |
| <b>101S</b> | Wire stripper-cutter            | 1    |
| <b>K22</b>  | Electrician's knife             | 1    |

## Model TCMG200ST and TCMG200MT

- Fine blending of quality, economy and flexibility
- Contains 10 individual hand tools and 27 Series 99® interchangeable screwdriver/nutdriver blades and handles (as listed)
- Durable, double skin blow-molded plastic case
- Size: 13 1/2" x 10 1/2" x 2 3/8"/343mm x 267mm x 60mm



| Cat No.          | UPC No.      | Description            |
|------------------|--------------|------------------------|
| <b>TCMG200ST</b> | 037103162731 | Tool case with tools   |
| <b>TCMG200MT</b> | 037103162748 | Tool case only-NO TOOL |

| Cat No.            | UPC No.                    | Qty. |
|--------------------|----------------------------|------|
| <b>991</b>         | Straight handle            | 1    |
| <b>994</b>         | Tee handle                 | 1    |
| <b>9920 - 9926</b> | Hex socket screw blades(7) | 1    |
| <b>99764</b>       | Hex socket screw blade     | 1    |
| <b>99964</b>       | Hex socket screw blade     | 1    |
| <b>9938</b>        | Reamer                     | 1    |
| <b>99X5</b>        | Extension                  | 1    |
| <b>99820</b>       | Phillips screw blade       | 1    |
| <b>99821</b>       | Phillips screw blade       | 1    |
| <b>99822</b>       | Phillips screw blade       | 1    |
| <b>99125</b>       | Slotted screw blade        | 1    |

| Cat No.      | UPC No.             | Qty. |
|--------------|---------------------|------|
| <b>99811</b> | Slotted screw blade | 1    |
| <b>99250</b> | Slotted screw blade | 1    |
| <b>99312</b> | Slotted screw blade | 1    |
| <b>996</b>   | Hex nutdriver blade | 1    |
| <b>998</b>   | Hex nutdriver blade | 1    |
| <b>9910</b>  | Hex nutdriver blade | 1    |
| <b>9911</b>  | Hex nutdriver blade | 1    |
| <b>9912</b>  | Hex nutdriver blade | 1    |
| <b>9914</b>  | Hex nutdriver blade | 1    |
| <b>9916</b>  | Hex nutdriver blade | 1    |

| Cat No.     | UPC No.                         | Qty. |
|-------------|---------------------------------|------|
| <b>43H</b>  | Curved nose seizer 6"/152mm     | 1    |
| <b>46CG</b> | Adjustable wrench 6"/152mm      | 1    |
| <b>51CG</b> | Long nose pliers 6 1/2"/165mm   | 1    |
| <b>53CG</b> | Utility pliers 7"/178mm         | 1    |
| <b>64CG</b> | Diagonal pliers 4"/101mm        | 1    |
| <b>55CG</b> | Diagonal pliers 5"/127mm        | 1    |
| <b>57CG</b> | Needle nose pliers 5 1/2"/139mm | 1    |
| <b>86CG</b> | Electronic snips                | 1    |
| <b>101S</b> | Wire stripper-cutter            | 1    |
| <b>K22</b>  | Electrician's knife             | 1    |

## DataCom Cutters and Slitters



### Limited Lifetime Warranty

CooperTools warrants this product will be free from defects in material and workmanship for as long as you own this product, provided that no warranty is made with respect to products which have been (a) altered, modified or repaired by anyone other than CooperTools; (b) subject to abuse, improper use, negligence, accident or improper storage; (c) installed, used or maintained not in accordance with normal practices or the instructions and specifications of CooperTools; or (d) used in conjunction with any product, device, component or system, that is either defective, the source of a defect, or not reasonably intended to be used in conjunction with this product.

The foregoing limited warranty is exclusive and in lieu of all other warranties, whether express, implied or statutory, including, but not limited to, any warranty of merchantability or fitness for any particular purpose. The obligation of CooperTools under this limited warranty is expressly limited to either repairing the product, refunding the purchase price or replacing the product, at the sole and absolute discretion of CooperTools, at no charge to Buyer.

The remedies provided for herein shall constitute the sole recourse of Buyer against CooperTools, whether the claim is made in tort or in contract, including claims based on warranty, negligence, strict liability, deceit, fraud, misrepresentation or otherwise. In no event shall CooperTools be liable for special, indirect, incidental or consequential damages (regardless of the form of action), nor for lost profits. CooperTools liability for any claims or damages arising out of or connected with the manufacture, sale, delivery, use, maintenance, repair or modification of this product shall not exceed its purchase price.

CooperTools will, during the warranty period, repair, replace or refund the purchase price of any product found to be defective in accordance with this limited warranty. Return to CooperTools, 1000 Lufkin Road, Apex, NC 27502. All costs of transportation shall be borne by the Buyer.

## Telecom Cutter



- Can cut up to 100 pair group cable
- Cuts coaxial cable up to RG174/RG9
- Built-in return spring allows ease of use
- Cushion grip handles for comfortable use
- Safety lock keeps tool closed in tool pouch
- Frame is made of stamped hardened carbon steel for durability and long life

| Cat No. | UPC No.      | Packed | Description     | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|-----------------|----------|-----|------------|
|         |              |        |                 | lb       | g   |            |
| DCC100V | 037103184924 | Carded | Cutter, Telecom | 4.08     | 116 | 6          |

## Coax Cable Cutter



- Cuts coaxial cable up to RG9
- Cuts soft copper cable – will not cut steel reinforced cable
- The uniform flush cutting action maintains cable integrity
- Cushion grip handles for comfortable use
- Safety lock keeps tool closed in tool pouch
- Frame is made of stamped hardened carbon steel for durability and long life

| Cat No. | UPC No.      | Packed | Description  | Pack Wt. |    | Shelf Pack |
|---------|--------------|--------|--------------|----------|----|------------|
|         |              |        |              | lb       | g  |            |
| DCC101V | 037103184863 | Carded | Cutter, coax | 1.56     | 44 | 6          |

## Fiber Optic Cutter

- Specially designed for cutting Kevlar "silks" in fiber optic cable
- Hard molded plastic frame for durability and long life
- Special ceramic blades cut Kevlar cleanly
- Light weight for ease of use



| Cat No.        | UPC No.      | Packed | Description                         | Pack Wt. |    | Shelf Pack |
|----------------|--------------|--------|-------------------------------------|----------|----|------------|
|                |              |        |                                     | lb       | g  |            |
| <b>DCC102V</b> | 037103184894 | Carded | Cutter, Fiber Optic, Ceramic Blades | 0.60     | 17 | 6          |

## Round Cable Slitter

- Runs a slit around the circumference and down the length of coaxial cable to easily remove the jacket
- Adjustable blade can be used on multiple and single conductor cable 4mm to 25mm O.D.
- Slitting blade is adjustable up to a depth of 0.125" (3mm)
- Spare blades store in handle of tool for easy access



| Cat No.        | UPC No.      | Packed | Description                                        | Pack Wt. |    | Shelf Pack |
|----------------|--------------|--------|----------------------------------------------------|----------|----|------------|
|                |              |        |                                                    | lb       | g  |            |
| <b>DCS200V</b> | 037103184870 | Carded | Slitter, Round Cable, 4mm - 25mm                   | 1.86     | 53 | 6          |
| <b>DCS205V</b> | 037103185280 | Carded | Blades, Replacement for DCS200V and DCS204V, 6/Pkg | 0.18     | 5  | 6          |

## Round Cable Slitter

- For slitting and ringing round cable 25 mm to 36 mm in diameter
- Slitting blade can be adjusted up to 0.125" (3 mm) depth
- Spare blade is stored in handle for convenience



| Cat No.        | UPC No.      | Packed | Description                                 | Pack Wt. |    | Shelf Pack |
|----------------|--------------|--------|---------------------------------------------|----------|----|------------|
|                |              |        |                                             | lb       | g  |            |
| <b>DCS204V</b> | 037103184962 | Carded | Slitter, Round Cable, 25mm - 36mm           | 1.92     | 54 | 6          |
| <b>DCS205V</b> | 037103185280 | Carded | Blades, Replacement for DCS200V and DCS204V | 0.18     | 5  | 6          |

## Self-adjusting Wire Stripper



- Blades automatically adjust to strip 10 – 28 AWG insulated copper wire so you can use one tool regardless of the wire gauge
- Replaceable metal jaws with 68 teeth (34 on each side)
- Individual stripping blades for concise strip
- Strips outer jacket and inner conductors without nicking insulation or cables
- Tension adjustments for insulation thickness & handle tension allowing comfortable ease of use
- Strong Glass-Fiber reinforced body for durability and long life
- Built in cutter for flat (up to 4 pair) and round cable (up to RG59) to give you added utility with one tool

| Cat No.        | UPC No.      | Packed | Description                     | Pack Wt. |    | Shelf Pack |
|----------------|--------------|--------|---------------------------------|----------|----|------------|
|                |              |        |                                 | lb       | g  |            |
| <b>DCS201V</b> | 037103184900 | Carded | Stripper, Self-adjusting        | 1.86     | 53 | 6          |
| <b>DCS206V</b> | 037103185297 | Carded | Jaws, Replacement, for DCS201V  | 0.18     | 5  | 6          |
| <b>DCS207V</b> | 037103185303 | Carded | Blades, Replacement for DCS201V | 0.18     | 5  | 6          |

## Rotary Coax Stripper



- Fast, accurate coax stripping system helps you get the job done efficiently
- Cassette contains three stripping blades for a 3-step strip of coaxial cable
- Blades can be removed for 2-step or 1-step strips
- Blades can be moved within the cassette in 2mm intervals so you can adjust to your needs
- Cassette is replaceable to extend tool life (order number DCD400V)

| Cat No.        | UPC No.      | Packed | Description               | Pack Wt. |    | Shelf Pack |
|----------------|--------------|--------|---------------------------|----------|----|------------|
|                |              |        |                           | lb       | g  |            |
| <b>DCS202V</b> | 037103184917 | Carded | Stripper, Rotary Coax     | 0.66     | 19 | 6          |
| <b>DCS400V</b> | 037103184931 | Carded | Cassette, 3-Step, DCS202V | 0.18     | 5  | 6          |

## UTP/STP Stripper



- Use on shielded twisted pair and unshielded twisted pair, CATV Cable, CB Antenna, SO, SJ, SJT and other flexible cables
- Strips coax and UTP/STP Cable
- Versatile stripper and cutter allows you to carry fewer tools
- Built-in cutter for clean cuts
- Build-in wire stripper strips 16 – 26 AWG wire for added versatility

| Cat No.        | UPC No.      | Packed | Description                        | Pack Wt. |    | Shelf Pack |
|----------------|--------------|--------|------------------------------------|----------|----|------------|
|                |              |        |                                    | lb       | g  |            |
| <b>DCS203V</b> | 037103184948 | Carded | Stripper, Stripper, UTP/STP        | 1.08     | 31 | 6          |
| <b>DCS208V</b> | 037103185310 | Carded | Cassette, DCS203V UTP/STP Stripper | 0.24     | 7  | 6          |

## Cable Tie Gun

- Die-cast steel construction for durability and long life
- Provides a flush cut with each use for neat, professional installations
- Tension adjustment allows use on miniature, intermediate, standard and heavy - duty cable ties



| Cat No.        | UPC No.      | Packed | Description    | Pack Wt. |     | Shelf Pack |
|----------------|--------------|--------|----------------|----------|-----|------------|
|                |              |        |                | lb       | g   |            |
| <b>DCT300V</b> | 037103184887 | Carded | Gun, Cable Tie | 4.02     | 114 | 6          |

## "B" Wire Crimp Tool

- Recommended for every data com alarm installer
- Specialty Designed Tool for stripping flat and twisted pair cables
- Crimps "B" Wire, UG, UR, and UY connectors commonly used in Data Com alarm installations
- Special Stop behind cutout prevents damage to connectors
- Cushion grip handles for comfortable use



| Cat No.        | UPC No.      | Packed | Description                        | Pack Wt. |       | Shelf Pack |
|----------------|--------------|--------|------------------------------------|----------|-------|------------|
|                |              |        |                                    | lb       | g     |            |
| <b>DCT303V</b> | 037103184979 | Carded | Crimp Tool, "B" Wire Scotchlock UR | 1.68     | 47.64 | 6          |

## SOHO Telecom Crimp Tool

- Perfect do-it-yourself tool for single office/home office (SOHO) installations
- Cuts strips and terminates RJ-11, RJ-45, and 4, 6, and 8 position modular plugs making it a true multi-function tool
- Lightweight and easy to use



| Cat No.        | UPC No.      | Packed | Description                    | Pack Wt. |    | Shelf Pack |
|----------------|--------------|--------|--------------------------------|----------|----|------------|
|                |              |        |                                | lb       | g  |            |
| <b>DCT301V</b> | 037103184955 | Carded | Crimp Tool, All-in-One Telecom | 2.1      | 60 | 6          |

## All-in-one Telecom Crimp Tool

- Cuts, strips and crimps RJ11 & RJ45 4, 6 & 8 position modular plugs
- Full cycle ratchet assures precise crimp with each use
- Stamped steel frame with cushion grip handles for durability and ease of use
- Crimps primary and strain relief all in on operation for professional results



| Cat No.        | UPC No.      | Packed | Description                             | Pack Wt. |     | Shelf Pack |
|----------------|--------------|--------|-----------------------------------------|----------|-----|------------|
|                |              |        |                                         | lb       | g   |            |
| <b>DCT311V</b> | 037103184993 | Carded | Crimp Tool, All-in-One Telecom, Ratchet | 6.36     | 180 | 6          |

# Telecom Crimp Tool Frame



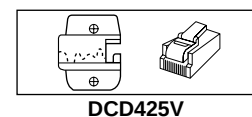
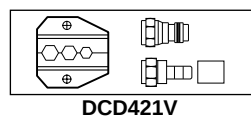
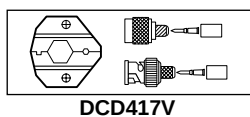
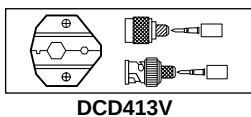
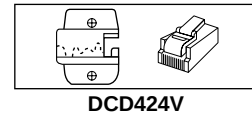
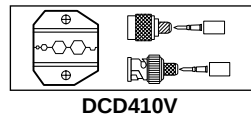
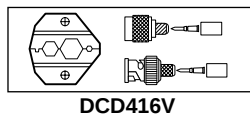
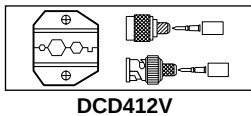
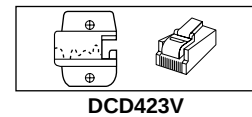
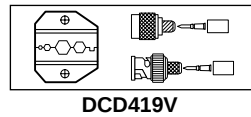
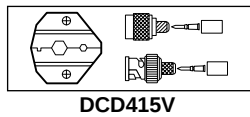
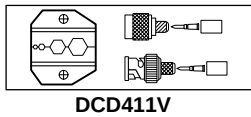
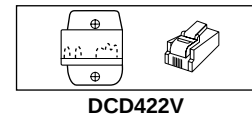
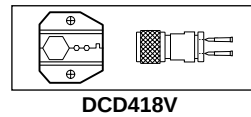
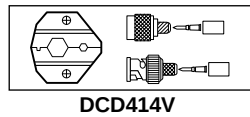
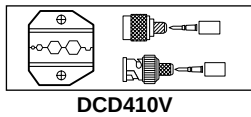
- Ergonomically designed handle reduces necessary crimp force
- Consistent mechanical gain for reliable connections
- Easily interchangeable dies sets for a wide range of coax and Data Com connectors
- Easy access crimp release for use in the event the tool is jammed

| Cat No. | UPC No.      | Packed | Description                           | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|---------------------------------------|----------|-----|------------|
|         |              |        |                                       | lb       | g   |            |
| DCT302V | 037103184986 | Carded | Frame, Telecom Crimp Tool, No Die Set | 6.18     | 175 | 6          |

## Die Sets



For use with DCT302V Telecom Crimp Tool Frame



| Cat. No. | UPC No.      | Packed | Use For                                         | Cavities | Hex Size (in.)                    | Pack Wt. Lb. | g  | Shelf Pack |
|----------|--------------|--------|-------------------------------------------------|----------|-----------------------------------|--------------|----|------------|
| DCD410V  | 037103185129 | Carded | RG-58, RG-174, RG-8218 for 50 and 75 Ohm Cables | 4        | 0.213, 0.178, 0.068, 0.042        | 0.84         | 24 | 6          |
| DCD411V  | 037103185136 | Carded | RG-59, RG-6, RG-8281                            | 4        | 0.324, 0.255, 0.068, 0.042        | 0.84         | 24 | 6          |
| DCD412V  | 037103185143 | Carded | RG-58, RG-59/62 BNC/TNC                         | 3        | 0.255, 0.213, 0.068               | 0.84         | 24 | 6          |
| DCD413V  | 037103185150 | Carded | RG58, BNC/TNC Coax                              | 2        | 0.213, 0.068                      | 0.84         | 24 | 6          |
| DCD414V  | 037103185167 | Carded | RG59/62 AU BNC/TNC Coax                         | 2        | 0.255, 0.068                      | 0.84         | 24 | 6          |
| DCD415V  | 037103185174 | Carded | RG174 BNC/TNC Coax                              | 2        | 0.178, 0.068                      | 0.84         | 24 | 6          |
| DCD416V  | 037103185181 | Carded | RG58 and RG59/62 AU BNC/TNC Coax                | 3        | 0.213, 0.255, 0.068               | 0.84         | 24 | 6          |
| DCD417V  | 037103185198 | Carded | Belden Type, RG8281 and RG6 BNC/TNC Coax        | 2        | 0.324, 0.068                      | 0.84         | 24 | 6          |
| DCD418V  | 037103185204 | Carded | Twinax                                          | 3        | 0.429, 0.075, 0.075               | 0.84         | 24 | 6          |
| DCD419V  | 037103185211 | Carded | RG-58/59, Plenum & Teflon cables                | 4        | 0.213, 0.019, 0.068, 0.042        | 0.84         | 24 | 6          |
| DCD420V  | 037103185228 | Carded | Mini BNC/TNC                                    | 5        | 0.052, 0.068, 0.100, 0.213, 0.255 | 0.84         | 24 | 6          |
| DCD421V  | 037103185235 | Carded | RG-59, RG-6, F-type CATV                        | 3        | 0.250, 0.320, 0.255               | 0.84         | 24 | 6          |
| DCD422V  | 037103185242 | Carded | RJ-11 Telecom plug                              | N/A      | N/A                               | 0.84         | 24 | 6          |
| DCD423V  | 037103185259 | Carded | RJ-45 Ten Position Telecom Plug                 | N/A      | N/A                               | 0.84         | 24 | 6          |
| DCD424V  | 037103185266 | Carded | RJ-45 8 Position Telecom Plug                   | N/A      | N/A                               | 0.84         | 24 | 6          |
| DCD425V  | 037103185273 | Carded | RJ-45 8 position, AMP style Telecom Plug        | N/A      | N/A                               | 0.84         | 24 | 6          |

## Punch Down Tools



**DCT304V**



**DCT306V**



**DCT307V**



**DCT308V**



**DCT305V**



- Cuts and terminates simultaneously for ease of use
- High & low impact adjustments accommodates volume installers and occasional users
- Storage compartment for spare blade is convenient
- Accommodates blades for 66, 110, and Krone style blocks
- Quick-release push button blade release so you can change blades fast
- Comes with one blade for type 66 block
- Cuts and terminates simultaneously for ease of use
- Quick-release push button blade release so you can change blades fast
- Blades are interchangeable with DCT305V Impact tool so you don't have to maintain separate blade styles
- Comes with one blade for type 66 block

| Cat No.        | UPC No.      | Packed | Description                                 | Pack Wt. |    | Shelf Pack |
|----------------|--------------|--------|---------------------------------------------|----------|----|------------|
|                |              |        |                                             | lb       | g  |            |
| <b>DCT304V</b> | 037103185006 | Carded | Punch Down Tool Impact w/ Type 66 blade     | 1.74     | 49 | 6          |
| <b>DCT305V</b> | 037103185013 | Carded | Punch Down Tool Non-Impact w/ Type 66 blade | 1.68     | 48 | 6          |
| <b>DCT306V</b> | 037103185044 | Carded | Blade, Punch Down, Type 66                  | 0.30     | 9  | 6          |
| <b>DCT307V</b> | 037103185082 | Carded | Blade, Punch Down, Type 110                 | 0.30     | 9  | 6          |
| <b>DCT308V</b> | 037103185099 | Carded | Blade, Punch Down, Krone Type               | 0.30     | 9  | 6          |

## Double End Can Wrench

- 3/8" and 7/16" double end nutdrivers for opening telecommunications cabinets and pedestals
- Use to place fuses in cable terminals and connect wires to fuses and binding post
- Durable plastic handle for years of use



| Cat No.        | UPC No.      | Packed | Description                             | Pack Wt. |    | Shelf Pack |
|----------------|--------------|--------|-----------------------------------------|----------|----|------------|
|                |              |        |                                         | lb       | g  |            |
| <b>DCT309V</b> | 037103185105 | Carded | Can Wrench, 3/8" & 7/16" Hex Double End | 1.44     | 41 | 6          |

## Exterior CATV Crimp Tool

- For use on SNS59/59QS/59HEC & SNS6/6QS Snap-N-Seal™ Security Shield connectors
- Makes an efficient and accurate crimp every time for ease of use



| Cat No.        | UPC No.      | Packed | Description                               | Pack Wt. |     | Shelf Pack |
|----------------|--------------|--------|-------------------------------------------|----------|-----|------------|
|                |              |        |                                           | lb       | g   |            |
| <b>DCT310V</b> | 037103185112 | Carded | Crimp Tool, Exterior Weatherproof of CATV | 5.94     | 168 | 6          |

## COAX/Data/Tone Tester



**Uses:** The CDD1B cable tester is a convenient instrument for testing different unshielded wiring schemed telephone cable with RJ-11 and RJ-45 connectors as well as coax cable.

### Features and benefits

- Mapping function allows you to test cable conditions before or after installation
- Cable location/identification function allows you to identify the locations of up to seven installed cables. Seven remote identifiers (labeled A through G) are included
- Testing functions include cable identification (straight or reverse), pair identification, and open/short test
- Low battery indicator light indicates the condition of the 9-volt battery (battery included)
- Tester turns off automatically to save battery power
- Lifetime warranty (see page 490 for details)

| Cat No. | UPC No.      | Packed | Description           | Pack Wt. |    | Shelf Pack |
|---------|--------------|--------|-----------------------|----------|----|------------|
|         |              |        |                       | lb       | g  |            |
| CDD1B   | 037103187031 | Boxed  | COAX/Data/Tone Tester | 0.37     | 10 | 1          |

## Telecom Data Tester



**Uses:** Quickly verifies the condition of wiring (up to 1,500 feet) in patch cords and coaxial cables not installed through walls or bulkheads (Both cable ends must be plugged into the tester).

### Features and benefits

- Uses both speech and lights to indicate cable conditions. No need to interpret the lighting sequence. A voice module announces the results
- Identifies open, short, and good cables so you can correct a mistake before installation
- Checks both F-type and BNC (adapter required) coaxial cables
- Checks RJ-11 and RJ-45 telephone cables
- Low battery indicator light indicates the condition of the 9-volt battery (battery included)
- Only uses power during the test – conserves battery life
- Lifetime warranty (see page 490 for details)

| Cat No. | UPC No.      | Packed | Description         | Pack Wt. |   | Shelf Pack |
|---------|--------------|--------|---------------------|----------|---|------------|
|         |              |        |                     | lb       | g |            |
| TDT1    | 037103185341 | Carded | Telecom data Tester | 0.30     | 9 | 1          |

## Professional Telephone Test Set



**Uses:** Used by installers and repair technicians for line testing and temporary communications.

### Features and benefits

- Test set features a mega ohm (mW) meter for testing insulation resistance and telephone capacity. Technician can determine line conditions (faults) without assistance from the central office (CO)
- Integrated circuit design provides for both DTMF (touch-tone) and dial pulse output
- Numerous functions allow for convenient use: talk function, last number redial, hook and flash, speaker phone, mute, and polarity checking
- A high impedance monitor mode allows you to monitor a line without disruption to conversation, data transfer, or signaling
- Waterproof so it can be used in adverse weather conditions
- Cord utilizes a piercing pin and angled bed on nails (ABN) style connector so you can make reliable connections
- The BS100 is made of high impact material, providing excellent insulating properties and shock resistance
- Operates on a 9-volt battery (battery included)
- Lifetime warranty (see page 490 for details)

| Cat No. | UPC No.      | Packed | Description                     | Pack Wt. |    | Shelf Pack |
|---------|--------------|--------|---------------------------------|----------|----|------------|
|         |              |        |                                 | lb       | g  |            |
| BS100   | 037103185372 | Boxed  | Professional Telephone Test Set | 1.45     | 41 | 1          |

## Tone Generator

- Used to identify termination point of a communications cable
- Use in conjunction with the TSTP1 amplifier probe for quick and easy pair identification with audible verification
- Generates either single or dual tone signals depending on the line type
- Can generate a tone across both telecom and coax cable using either the test leads or the four conductor modular plug
- Will generate a tone through low resistance circuits up to 20,000 feet in length
- Use in conjunction with BS100 handset to verify cable continuity
- Weather resistant
- Operates on a 9-volt battery (battery included)
- Lifetime warranty (see page 490 for details)



| Cat No.       | UPC No.      | Packed | Description                                    | Pack Wt. |    | Shelf Pack |
|---------------|--------------|--------|------------------------------------------------|----------|----|------------|
|               |              |        |                                                | lb       | g  |            |
| <b>TSTG1A</b> | 037103185358 | Carded | Tone Generator                                 | 0.40     | 11 | 1          |
| <b>DCK14</b>  | 037103186607 | Boxed  | Tone Generator/Amplifier Kit with Leather Case | 0.78     | 22 | 1          |

## Amplifier Probe

- Used to identify termination point of a communications cable
- Use in conjunction with TSTG1A tone generator for quick and easy pair identification
- Audible verification on either single, twisted pair, or coax cable (adjustable volume)
- Weather resistant
- Operates on a 9-volt battery (battery included)
- Lifetime warranty (see page 490 for details)



| Cat No.      | UPC No.      | Packed | Description                                    | Pack Wt. |    | Shelf Pack |
|--------------|--------------|--------|------------------------------------------------|----------|----|------------|
|              |              |        |                                                | lb       | g  |            |
| <b>TSTP1</b> | 037103185365 | Carded | Amplifier Probe                                | 0.18     | 5  | 1          |
| <b>DCK14</b> | 037103186607 | Boxed  | Tone Generator/Amplifier Kit with Leather Case | 0.78     | 22 | 1          |

## Telephone Line Analyzer

**Uses:** Quickly and accurately identifies reversed, open, and shorted telephone lines by plugging directly into the wall jack.

### Features and benefits

- Has leads for both RJ-11 and RJ-45 modular telephone jacks. Can be used on most residential and commercial phone lines
- Four LED lights so you can identify correct wiring, reverse polarity, shorted or open pairs quickly and accurately
- Lifetime warranty (see page 486 for details)



| Cat No.     | UPC No.      | Packed | Description             | Pack Wt. |    | Shelf Pack |
|-------------|--------------|--------|-------------------------|----------|----|------------|
|             |              |        |                         | lb       | g  |            |
| <b>TWT1</b> | 037103185389 | Carded | Telephone Line Analyzer | 0.66     | 19 | 6          |

## F-Type Termination Kit


**Kit contents:**

DCT302V Telecom crimp tool frame, DCD421V die set for RG-59, F-type CATV, and RG-6; DCS202V rotary coax stripper, DCC101V coax cutter, 25 RG-58 F-connectors, 25 RG-59 F-connectors, black Cordura® case.

Kit includes black Cordura® roll-up case - See page 502

| Cat No. | UPC No.      | Packed | Description                  | Pack Wt. |    | Shelf Pack |
|---------|--------------|--------|------------------------------|----------|----|------------|
|         |              |        |                              | lb       | g  |            |
| DCK1    | 037103186478 | Boxed  | Basic F-Type Termination Kit | 1.63     | 46 | 1          |

## Twist-on F-Connector Kit


**Kit contents:**

DCC101V coax cutter, DCS202V rotary coax stripper, 25 RG-59 twist-on F-connectors, black Cordura case.

Kit includes black Cordura roll-up case - See page 502

| Cat No. | UPC No.      | Packed | Description              | Pack Wt. |    | Shelf Pack |
|---------|--------------|--------|--------------------------|----------|----|------------|
|         |              |        |                          | lb       | g  |            |
| DCK2    | 037103186485 | Boxed  | Twist-on F Connector Kit | 0.72     | 20 | 1          |

## Basic Telecom Kit


**Kit contents:**

DCC100V Telecom cutter, TDT1 SOHO line analyzer, DCT311V All-in-one ratcheting telecom crimp tool, 25 each of 4, 6, and 8 position telecom plugs, black Cordura case.

Kit includes black Cordura roll-up case - See page 502

| Cat No. | UPC No.      | Packed | Description       | Pack Wt. |    | Shelf Pack |
|---------|--------------|--------|-------------------|----------|----|------------|
|         |              |        |                   | lb       | g  |            |
| DCK3    | 037103186492 | Boxed  | Basic Telecom Kit | 2.89     | 82 | 1          |

## Coax Telecom Connector Kit

### Kit contents:

DCT302V Telecom crimp tool frame, DCD412V RG-58, RG-59/62 BNC/TNC die set, DCT311V All-in-one ratcheting telecom crimp tool, DCC101V coax cutter, TDT1 SOHO line analyzer, DCS202V rotary coax stripper, assorted telecom plugs and coax connectors, black Cordura case.



**Kit includes black Cordura case - See page 502**

| Cat No.     | UPC No.      | Packed | Description                | Pack Wt. |    | Shelf Pack |
|-------------|--------------|--------|----------------------------|----------|----|------------|
|             |              |        |                            | lb       | g  |            |
| <b>DCK4</b> | 037103186508 | Boxed  | Coax Telecom Connector Kit | 3.40     | 96 | 1          |

## SOHO Cable Installers Kit

### Kit contents:

DCC101V coax cutter, XP2 1-speed cordless screwdriver and charger (not shown), DCT311V All-in-one telecom ratchet crimp tool, DCT302V telecom crimp tool frame, DCD412V RG-58, RG-59/62 BNC/TNC die set, DCD421V die set for RG-59, F-type CATV, and RG-6; DCT309V double end hex can wrench, TWT1 telephone line analyzer, TDT1 SOHO line analyzer, assorted telecom plugs and coax connectors, black Cordura case.



**Kit includes black Cordura case - See page 502**

| Cat No.     | UPC No.      | Packed | Description               | Pack Wt. |     | Shelf Pack |
|-------------|--------------|--------|---------------------------|----------|-----|------------|
|             |              |        |                           | lb       | g   |            |
| <b>DCK5</b> | 037103186515 | Boxed  | SOHO Cable Installers Kit | 6.22     | 176 | 1          |

## Professional Installers Kit

### Kit contents:

DCC101V coax cutter, XP2 1-speed cordless screwdriver and charger, DCT311V All-in-one telecom ratchet crimp tool, DCT302V telecom crimp tool frame, DCD412V RG-58, RG-59/62 BNC/TNC die set, DCD421V die set for RG-59, F-type CATV, and RG-6; DCT309V double end hex can wrench, TWT1 telephone line analyzer, TDT1 SOHO line analyzer, DCS203V UTP/STP stripper, DCS201V self-adjusting stripper, FSD1 4 in one screwdriver, DCT300V cable tie gun, CDD1B coax/data/tone tester, BS100 test set, DCT304V impact punch down tool, (10) DCT306V type 66 blades, (10) type 110 blades, TSTG1A tone generator, TSTP1 amplifier probe, assorted telecom plugs and coax connectors, black Cordura case.



**Kit includes black Cordura case - See page 502**

| Cat No.     | UPC No.      | Packed | Description                 | Pack Wt. |     | Shelf Pack |
|-------------|--------------|--------|-----------------------------|----------|-----|------------|
|             |              |        |                             | lb       | g   |            |
| <b>DCK6</b> | 037103186522 | Boxed  | Professional Installers Kit | 11.37    | 322 | 1          |

## Twisted Pair Coax Kit



### Kit contents:

DCC100V telecom cutter, DCS203V UTP/STP stripper, DCS201V self-adjusting stripper, DCS202V rotary coax stripper, DCT302V telecom crimp tool frame, DCD412V die set for RG-59, F-type CATV, and RG-6; DCT311V all-in-one ratcheting telecom crimp tool, DCT304V impact punch down tool, type 66 blade, type 110 blade, CDD1B coax/data/tone tester, TSTG1A tone generator, TSTP1 amplifier probe, assorted telecom plugs and coax connectors, black Cordura case.

**Kit includes black Cordura case - See page 502**

| Cat No. | UPC No.      | Packed | Description           | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|-----------------------|----------|-----|------------|
|         |              |        |                       | lb       | g   |            |
| DCK7    | 037103186539 | Boxed  | Twisted Pair Coax Kit | 5.72     | 162 | 1          |

## UTP/STP Twisted Pair Coax Kit



### Kit contents:

DCC100V telecom cutter, DCS203V UTP/STP stripper, DCS201V self-adjusting stripper, DCS202V rotary coax stripper, DCT302V telecom crimp tool frame, DCD412V die set for RG-59, F-type CATV, and RG-6; DCT311V all-in-one ratcheting telecom crimp tool, DCT304V impact punch down tool, DCT306 type 66 blade, DCT307V type 110 blade, CDD1B coax/data/tone tester, TSTG1A tone generator, TSTP1 amplifier probe, BS100 test set, DCT300V cable tie gun, assorted telecom plugs and coax connectors, black Cordura case.

**Kit includes black Cordura case - See page 502**

| Cat No. | UPC No.      | Packed | Description                   | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|-------------------------------|----------|-----|------------|
|         |              |        |                               | lb       | g   |            |
| DCK8    | 037103186546 | Boxed  | UTP/STP Twisted Pair Coax Kit | 7.94     | 225 | 1          |

## Category 5 Data/Voice Kit



### Kit contents:

DCC100V telecom cutter, DCS203V UTP/STP stripper, DCT302V telecom crimp tool frame, DCD422V, RJ-11 die set, DCD425V RJ-45 8 pos. AMP style die set, CDD1B coax/data/tone tester, DCT304V impact punch down tool, DCT306V type 66 blade, DCT307V type 110 blade, BS100 test set, TSTG1A tone generator, TSTP1 amplifier probe, assorted telecom plugs, black Cordura case.

**Kit includes black Cordura case - See page 502**

| Cat No. | UPC No.      | Packed | Description               | Pack Wt. |     | Shelf Pack |
|---------|--------------|--------|---------------------------|----------|-----|------------|
|         |              |        |                           | lb       | g   |            |
| DCK9    | 037103186533 | Boxed  | Category 5 Data/Voice Kit | 5.91     | 167 | 1          |

## SOHO Coax/Telecom Test kit

**Kit contents:**

TDT1 SOHO line analyzer, TWT1 telecom wall plate tester, black Cordura case.



**Kit includes black Cordura roll-up case - See page 502**

| Cat No.      | UPC No.      | Packed | Description                | Pack Wt. |    | Shelf Pack |
|--------------|--------------|--------|----------------------------|----------|----|------------|
|              |              |        |                            | lb       | g  |            |
| <b>DCK10</b> | 037103186560 | Boxed  | SOHO Coax/Telecom Test Kit | 0.95     | 27 | 1          |

## Pro Coax/Data/Telecom/Test Kit

**Kit contents:**

CDD1B coax/data/tone tester, TSTG1A Tone Generator, TSTP1 amplifier probe, BS100 test set, black Cordura case.



**Kit includes black Cordura case - See page 502**

| Cat No.      | UPC No.      | Packed | Description                    | Pack Wt. |    | Shelf Pack |
|--------------|--------------|--------|--------------------------------|----------|----|------------|
|              |              |        |                                | lb       | g  |            |
| <b>DCK11</b> | 037103186577 | Boxed  | Pro Coax/Data/Telecom Test Kit | 2.65     | 75 | 1          |

## Network Maintenance Kit

**Kit contents:**

XP1 cordless screwdriver w/charger, battery, and four bits; CDD1B coax/data/tone tester, TSTG1A tone generator, TSTP1 amplifier probe, BS100 test set, DCT311V all-in-one telecom ratcheting crimp tool, DCS201V self-adjusting wire stripper, black Cordura case.



**Kit includes black Cordura case - See page 502**

| Cat No.      | UPC No.      | Packed | Description             | Pack Wt. |     | Shelf Pack |
|--------------|--------------|--------|-------------------------|----------|-----|------------|
|              |              |        |                         | lb       | g   |            |
| <b>DCK12</b> | 037103186584 | Boxed  | Network Maintenance Kit | 6.49     | 184 | 1          |

## Exterior Waterproof CATV Connector Kit


**Kit contents:**

DCT310V exterior weatherproof CATV crimp tool, DCC100V telecom cutter, 25 Snap-N-Seal™ Connectors, black Cordura case.

**Kit includes black Cordura roll-up case - See page 502**

| Cat No. | UPC No.      | Packed | Description                            | Pack Wt. |    | Shelf Pack |
|---------|--------------|--------|----------------------------------------|----------|----|------------|
|         |              |        |                                        | lb       | g  |            |
| DCK13   | 037103186591 | Boxed  | Exterior Waterproof CATV Connector Kit | 2.17     | 62 | 1          |

## Tone/Generator/Amplifier Kit


**Kit contents:**

TSTG1A tone generator, TSTP1 amplifier probe, black leather case.

See page 497 for features and benefits.

**Kit includes black leather case (not pictured)**

| Cat No. | UPC No.      | Packed | Description                  | Pack Wt. |    | Shelf Pack |
|---------|--------------|--------|------------------------------|----------|----|------------|
|         |              |        |                              | lb       | g  |            |
| DCK14   | 037103186607 | Boxed  | Tone Generator/Amplifier Kit | 0.78     | 22 | 1          |

## Black Cordura® Cases for Each Kit



**Black Cordura Case**



**Black Cordura Roll-up Case**

# Tools for Cable Terminals and Connectors

## Xcelite® ErgoCrimp® and ErgoCrimp Plus® Mechanical Crimping Tools

- ErgoCrimp® and ErgoCrimp Plus® are the world's most advanced crimping tools to date
- With a new patented design, they deliver up to 50% better mechanical gain than any other kind
- With increased mechanical gain you will get significantly lower handle force which could result in an increase in productivity
- ErgoCrimp tools can be purchased by themselves (without dies) or in conjunction with any combination of the die sets
- Special dies are also available upon request

These crimping tools have been designed to achieve maximum comfort, reliability, and durability.

Their main features are:

### One-Handed Crimping

- The handle force needed for the crimping operation in most tools exceeds 60-70lbs. (27-32Kg)
- The average man and virtually all women cannot make a comfortable one-handed crimp
- Xcelite® crimping tools are designed with such a low handle force requirement that the crimp operation can be performed with only one hand

### Crimping Pressure

- The configurations of the crimping nests and indentors are designed to increase the tensile strength of the crimp
- The jaw pressure applies is scientifically calculated for optimum connections

### Reliability

- All components are made of high-quality Swedish steel and have been life tested for 50,000 cycles
- Precision manufacturing guarantees a uniform product of high accuracy
- After long wear, it is always possible to check the crimp dimensions with go/no-go gauges, and to adjust for eventual discrepancies by turning the patented excenter adjustment plate

### Size

- Size has been minimized to allow single-handed operation and to ensure the tool fits easily into repair kits

### Safety

- A ratchet device has been built in to guarantee that the user makes the exact same complete crimp every time
- Should the user start a faulty crimp, a safety release mechanism is built into the ratchet, allowing the user, with one finger, to open the tool before the cycle is complete

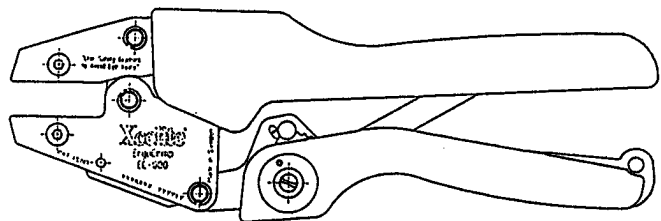
### Economy

- Because of their considerable advantages in quality, speed, and efficiency, the payoff time for an investment in Xcelite® tools is extremely short

ErgoCrimp® (EC-000 Frame)

Length: 8.66"

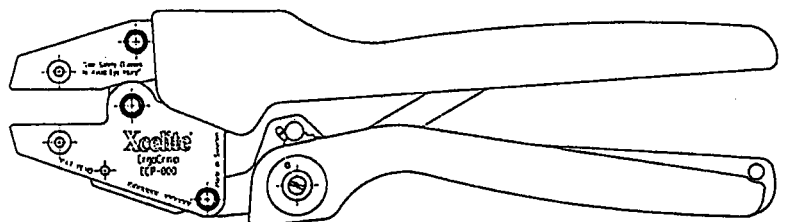
Weight: 1.1lbs.



ErgoCrimp Plus® (ECP-000 Frame)

Length: 10.0"

Weight: 1.2lbs.



## ErgoCrimp Plus® for 22-10 AWG Insulated Terminals and Splices

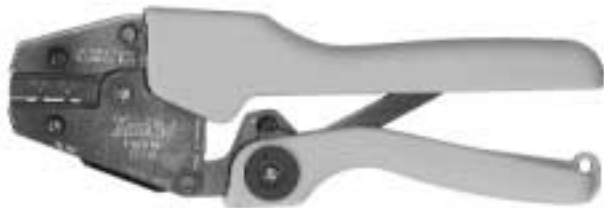


- ECP000 large ergonomic frame for large hands
- D100 die set for 22-10 AWG red, blue and yellow insulated terminals and splices
- Mechanical gain estimated 50%
- Guaranteed for at least 50,000 cycles
- Variety of die sets available

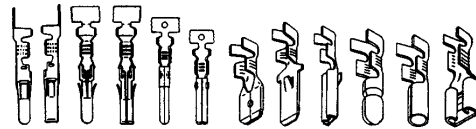


| Cat No.       | UPC No.      | Packed | Description                   | Pack Wt. |      | Shelf Pack |
|---------------|--------------|--------|-------------------------------|----------|------|------------|
|               |              |        |                               | lb       | kg   |            |
| <b>ECP100</b> | 037103059307 | Boxed  | ECP000 frame and D100 die set | 1.2      | 0.54 | 1          |
| <b>D100</b>   | 037103059345 | Boxed  | Die set for ECP100            | -        | -    | 1          |

## ErgoCrimp® for 30-20 AWG Open-barrel and D-subminiature Contacts



- EC000 ergonomic frame for small hands
- D108 die set for 30-20 AWG open-barrel and D-subminiature contacts
- Mechanical gain estimated 25%
- Guaranteed for at least 50,000 cycles
- Variety of die sets available

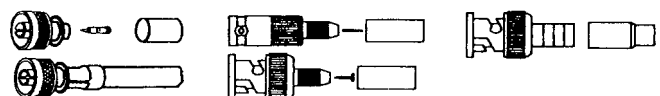


| Cat No.      | UPC No.      | Packed | Description                  | Pack Wt. |      | Shelf Pack |
|--------------|--------------|--------|------------------------------|----------|------|------------|
|              |              |        |                              | lb       | kg   |            |
| <b>EC108</b> | 037103059284 | Boxed  | EC000 frame and D108 die set | 1.1      | 0.50 | 1          |
| <b>D108</b>  | 037103059420 | Boxed  | Die set for EC108            | -        | -    | 1          |

## ErgoCrimp® for RG58, RG59/62 AU BNC/TNC coaxial connectors



- EC000 ergonomic frame for small hands
- D102 die set for RG 58, RG 59/62 AU BNC/TNC coaxial connectors
- Mechanical gain estimated 25%
- Guaranteed for at least 50,000 cycles
- Variety of die sets available



| Cat No.      | UPC No.      | Packed | Description                  | Pack Wt. |      | Shelf Pack |
|--------------|--------------|--------|------------------------------|----------|------|------------|
|              |              |        |                              | lb       | kg   |            |
| <b>EC102</b> | 037103059314 | Boxed  | EC000 frame and D102 die set | 1.1      | 0.50 | 1          |
| <b>D102</b>  | 037103059369 | Boxed  | Die set for EC102            | -        | -    | 1          |

## ErgoCrimp® Crimping Tool Kit

- EC000 small ergonomic frame
- Series of RG 58-59 AU BNC/TNC coaxial connectors
- D102 die set for RG 58, RG 59/62 AU BNC/TNC coaxial connectors
- Sturdy plastic case



| Cat No.      | UPC No.      | Packed | Description       | Pack Wt. |      | Shelf Pack |
|--------------|--------------|--------|-------------------|----------|------|------------|
|              |              |        |                   | lb       | kg   |            |
| <b>ECKIT</b> | 037103059291 | Boxed  | Crimping tool kit | 2.30     | 1.04 | 1          |

## Frame only - ErgoCrimp Plus® Crimping Tool

- Large ergonomic frame for large hands
- Length 10"
- Width 2.83"
- Used with D100 through D109 die sets



| Cat No.       | UPC No.      | Packed | Description                         | Pack Wt. |      | Shelf Pack |
|---------------|--------------|--------|-------------------------------------|----------|------|------------|
|               |              |        |                                     | lb       | kg   |            |
| <b>ECP000</b> | 037103059338 | Boxed  | ErgoCrimp Plus® crimping tool-large | 1.00     | 0.45 | 1          |

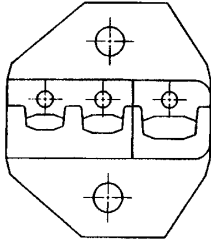
## Frame Only - ErgoCrimp® Crimping Tool

- Small ergonomic frame for small hands
- Length 8.66"
- Width 2.83"
- Used with D100 through D109 die sets



| Cat No.      | UPC No.      | Packed | Description                    | Pack Wt. |      | Shelf Pack |
|--------------|--------------|--------|--------------------------------|----------|------|------------|
|              |              |        |                                | lb       | kg   |            |
| <b>EC000</b> | 037103059321 | Boxed  | ErgoCrimp® crimping tool-small | 0.80     | 0.36 | 1          |

# ErgoCrimp® Die Set for Insulated Terminals and Splices

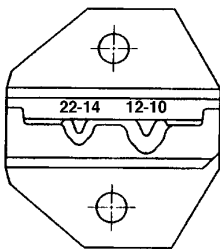


- For 22-10 AWG red, blue and yellow insulated terminals and splices
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools



| Cat No.     | UPC No.      | Packed | Description | Shelf Pack |
|-------------|--------------|--------|-------------|------------|
| <b>D100</b> | 037103059345 | Boxed  | Die set     | 1          |

# ErgoCrimp® Die Set for Non-insulated Terminals and Splices

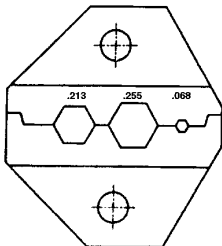


- For 22-10 AWG non-insulated terminals and splices
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools

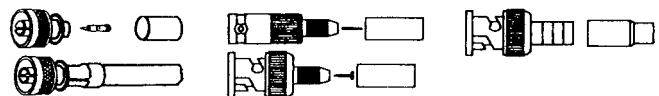


| Cat No.     | UPC No.      | Packed | Description | Shelf Pack |
|-------------|--------------|--------|-------------|------------|
| <b>D101</b> | 037103059352 | Boxed  | Die set     | 1          |

# ErgoCrimp® Die Set for RG58, RG59/62 AU BNC/TNC Coaxial Connectors



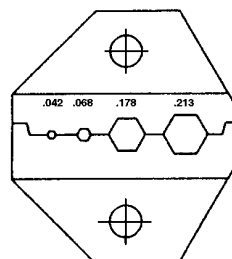
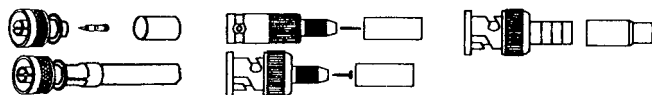
- For RG 58, RG 59/62 AU BNC/TNC - .213", .255" and .068" hex cavities
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools



| Cat No.     | UPC No.      | Packed | Description | Shelf Pack |
|-------------|--------------|--------|-------------|------------|
| <b>D102</b> | 037103059369 | Boxed  | Die set     | 1          |

## ErgoCrimp® Die Set for RG58, RG174, 50 and 75ohm Coaxial Connectors

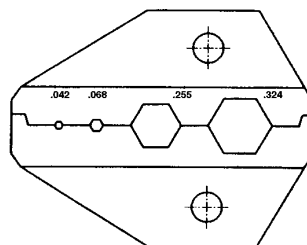
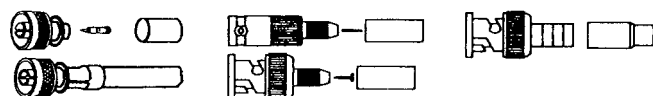
- For RG 58, RG 174, 50 and 75 ohm center contacts - .213", .178" and .068" hex cavities
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools



| Cat No. | UPC No.      | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------|------------|
| D103    | 037103059376 | Boxed  | Die set     | 1          |

## ErgoCrimp® Die Set for RG59, Belden® 8281, 50 and 75 ohm Coaxial Connectors

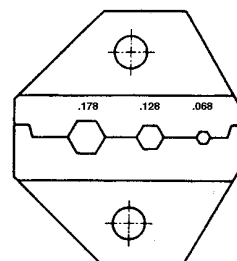
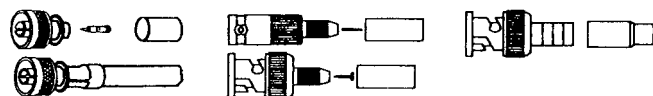
- For RG 59, Belden® 8281, 50 and 75 ohm center contacts - .324", .255", .068" and .042" hex cavities
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools
- Belden® is a registered trademark of BELDEN, INC.



| Cat No. | UPC No.      | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------|------------|
| D104    | 037103059383 | Boxed  | Die set     | 1          |

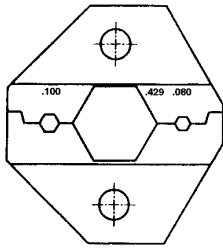
## ErgoCrimp® Die Set for RG174 BNC/TNC Coaxial Connectors

- For RG 174 BNC/TNC - .178", .128", and .068" hex cavities
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools

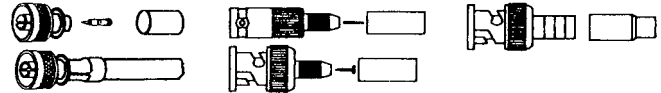


| Cat No. | UPC No.      | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------|------------|
| D105    | 037103059390 | Boxed  | Die set     | 1          |

## ErgoCrimp® Die Set for RG8, RG11, RG213, RG216 Coaxial Connectors

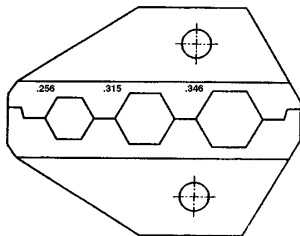


- For RG 8, RG 11, RG 213 and RG 216 ethernet N-series, .429", .100" and .080" hex cavities
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools

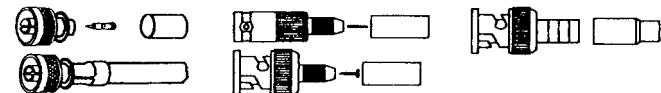


| Cat No. | UPC No.      | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------|------------|
| D106    | 037103059444 | Boxed  | Die set     | 1          |

## ErgoCrimp® Die Set for RG59, RG6 CATV Coaxial Connectors

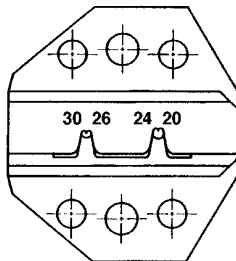


- For RG 59, RG 6 CATV "F" connectors - .346", .315", .256" hex cavities
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools

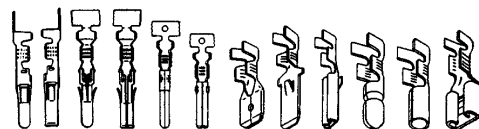


| Cat No. | UPC No.      | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------|------------|
| D107    | 037103059413 | Boxed  | Die set     | 1          |

## ErgoCrimp® Die Set for Open-barrel & D-subminiature Contacts

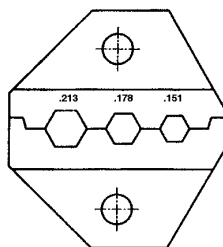


- For 30-20 AWG open-barrel and D-sub-miniature pin and pocket contacts
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools

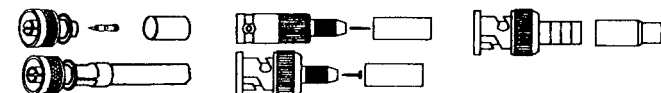


| Cat No. | UPC No.      | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------|------------|
| D108    | 037103059420 | Boxed  | Die set     | 1          |

## ErgoCrimp® Die Set for SMA/SFR Fiber Optic Connectors



- For SMA/SFR fiber optic connectors requiring .213", .178", .151" hex crimps
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools



| Cat No. | UPC No.      | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------|------------|
| D109    | 037103059437 | Boxed  | Die set     | 1          |

# Mini-Crimper/Maxi-Crimper Mechanical Crimping Tools

Xcelite® mechanical crimping tools have been designed to achieve maximum comfort, reliability, and durability. Their main features are:

## One-handed Crimping

- The handle force needed for the crimping operation in most tools exceeds 60-70lbs. (27-32Kg)
- The average man and virtually all women cannot make a comfortable one-handed crimp
- Xcelite® crimping tools are designed with such a low handle force requirement that the crimp operation can be performed with only one hand

## Handle Spread

- Other crimping tools on the market have open handle spreads equal to or greater than 6" at the point where the user places his grip
- This is too great a spread for the average male and female hand
- The Xcelite® mini-crimper has a handle spread of about 3 1/2"/88mm
- It is the smallest spread available in a tool this powerful
- The maxi-crimper, with about 20% more power, still has a handle spread under 4 1/2"/144mm
- Both tools fit comfortably in the average male or female hand
- With just one hand needed to hold the crimping tool, the user is now free to easily locate cable and connector in the jaw of the tool

## Crimping Pressure

- The configurations of the crimping nests and indentors are designed to increase the tensile strength of the crimp
- The jaw pressure applied is scientifically calculated for optimum connections

## Reliability

- All components are made of high-quality Swedish steel and have been life tested for 50,000 cycles
- Precision manufacturing guarantees a uniform product of high accuracy
- After long wear, it is always possible to check the crimp dimensions with go/no-go gauges, and to adjust for eventual discrepancies by turning the patented excenter adjustment plate

## Size

- Size has been **minimized** to allow single-handed operation and to ensure the tool fits easily into repair kits

## Safety

- A ratchet device has been built in to guarantee that the user makes the exact same complete crimp every time
- Should the user start a faulty crimp, a safety release mechanism is built into the ratchet, allowing the user, with one finger, to open the tool before the cycle is complete

## Economy

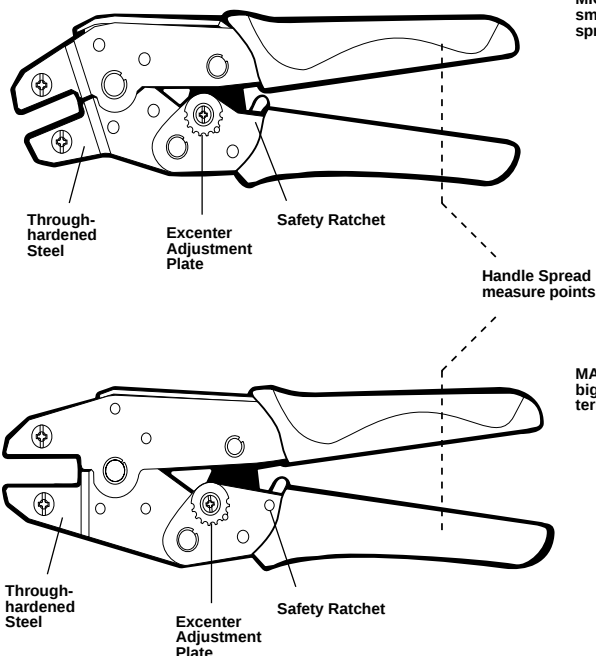
- Because of their considerable advantages in quality, speed, and efficiency, the payoff time for an investment in Xcelite® tools is extremely short.

## Mini-crimper (MIC)

Length: 7.68"  
Weight: 0.55lbs.  
Open Handle Spread: 3.66"  
Closed Handle Spread: 1.90"  
Max. Crimp Force: 1,600lbs.

## Maxi-crimper (MAC)

Length: 8.86"  
Weight: 1.10lbs.  
Open Handle Spread: 4.50"  
Closed Handle Spread: 2.10"  
Max. Crimp Force: 2,200lbs.



## Maxi-Crimper for Insulated Terminals and Splices



- Maxi-Crimper built bigger for greater terminating power
- Crimps 22-10 AWG (.75-6.0mm<sup>2</sup>) red, blue and yellow insulated terminals and splices (die nests color-coded to AWG specs)
- Incorporates ratchet to ensure a full-cycle complete crimp every time
- Crimps exceed UL® standards for most terminals from AMP, 3M, T & B and many others

| Cat No.        | UPC No.      | Packed | Description         | Pack Wt. |     | Shelf Pack |
|----------------|--------------|--------|---------------------|----------|-----|------------|
|                |              |        |                     | lb       | kg  |            |
| <b>MAC2210</b> | 037103489180 | Boxed  | Maxi-crimper tool   | 1.1      | 0.5 | 1          |
| <b>D2210</b>   | 037103490186 | Boxed  | Die set for MAC2210 | -        | -   | 1          |

## Mini-Crimper for Insulated Terminals and Splices



- Mini-Crimper smallest professional crimp tool of its kind
- Crimps 22-14 AWG (.75-2.5mm<sup>2</sup>) red and blue insulated terminals and splices (die nests color-coded to AWG specs)
- Incorporates ratchet to ensure a full-cycle complete crimp every time
- Dies interchangeable with MIC174, MIC58, MIC59, MIC5859
- Crimps exceed UL standards for most terminals from AMP, 3M, T & B and many others

| Cat No.        | UPC No.      | Packed | Description         | Pack Wt. |      | Shelf Pack |
|----------------|--------------|--------|---------------------|----------|------|------------|
|                |              |        |                     | lb       | kg   |            |
| <b>MIC2214</b> | 037103489197 | Boxed  | Mini-crimper tool   | 0.55     | 0.25 | 1          |
| <b>D2214</b>   | 037103490193 | Boxed  | Die set for MIC2214 | -        | -    | 1          |

## Mini-Crimper for Non-insulated Terminals and Splices

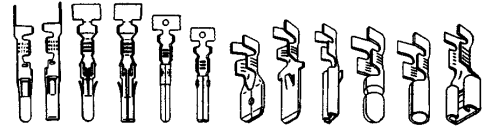


- Mini-Crimper smallest professional crimp tool of its kind
- Crimps 22-10 AWG (.75-6.0mm<sup>2</sup>) non-insulated terminals and splices
- Designed to crimp butted, brazed and seamless barrel non-insulated terminals and splices
- Incorporates ratchet to ensure a full-cycle complete crimp every time
- Crimps exceed UL standards for most terminals from AMP, 3M, T & B and many others

| Cat No.        | UPC No.      | Packed | Description       | Pack Wt. |      | Shelf Pack |
|----------------|--------------|--------|-------------------|----------|------|------------|
|                |              |        |                   | lb       | kg   |            |
| <b>MIC2210</b> | 037103490384 | Boxed  | Mini-crimper tool | 0.55     | 0.25 | 1          |

## Mini-Crimper for Open Barrel & D-subminiature Contacts

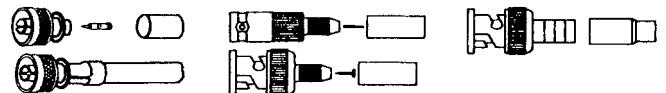
- Mini-Crimper smallest professional crimp tool of its kind
- Universal tool designed to crimp a wide range of open-barrel and D-subminiature contacts 30-20 AWG
- Versatile tool for pins, sockets, disconnects and other open-barrel contacts from AMP, MOLEX, ITT Cannon and others
- Incorporates ratchet to ensure a full-cycle complete crimp every time



| Cat No.          | UPC No.      | Packed | Description       | Pack Wt. |      | Shelf Pack |
|------------------|--------------|--------|-------------------|----------|------|------------|
|                  |              |        |                   | lb       | kg   |            |
| <b>MIC3020BL</b> | 037103490391 | Boxed  | Mini-crimper tool | 0.55     | 0.25 | 1          |

## Mini-Crimper for RG58 and RG59 BNC/TNC Coaxial Connectors

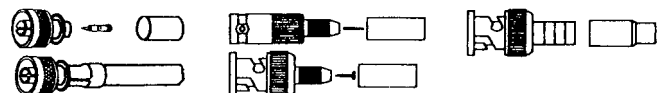
- Mini-Crimper smallest professional crimp tool of its kind
- Crimps RG 58 and RG 59 BNC/TNC coaxial connectors to industry standard crimp specifications
- Incorporates ratchet to ensure a full-cycle complete crimp every time
- Dies interchangeable with MIC2214



| Cat No.        | UPC No.      | Packed | Description         | Pack Wt. |      | Shelf Pack |
|----------------|--------------|--------|---------------------|----------|------|------------|
|                |              |        |                     | lb       | kg   |            |
| <b>MIC5859</b> | 037103489227 | Boxed  | Mini-crimper tool   | 0.55     | 0.25 | 1          |
| <b>D5859</b>   | 037103489265 | Boxed  | Die set for MIC5859 | -        | -    | 1          |

## Maxi-Crimper for Belden® 8281 and RG59 BNC/TNC Coaxial Connectors

- Bigger for greater terminating power
- Crimps BNC/TNC coaxial connectors for both Belden® 8281 and RG 59 coaxial cables
- Ideal for audio, video and broadcast applications using Belden® 8281 and RG 59
- Incorporates ratchet to ensure a full-cycle complete crimp every time
- Belden® is a registered trademark of BELDEN, INC.



| Cat No.        | UPC No.      | Packed | Description          | Pack Wt. |      | Shelf Pack |
|----------------|--------------|--------|----------------------|----------|------|------------|
|                |              |        |                      | lb       | kg   |            |
| <b>MAC8259</b> | 037103491176 | Boxed  | Maxi-crimper tool    | 1.1      | 0.50 | 1          |
| <b>D8259</b>   | 037103491183 | Boxed  | Die set for MAC-8259 | -        | -    | 1          |

## Kit-Modular Plug Crimping Tool



- Contains 1 each of the following: DRJ11, DRJ22, DRJ45, DMMJ die sets and crimping tool frame
- Stored in sturdy plastic case with convenient carrying handle

| Cat No.       | UPC No.      | Packed | Description | Shelf Pack |
|---------------|--------------|--------|-------------|------------|
| <b>MIPKIT</b> | 037103491473 | Boxed  | Tool kit    | 1          |

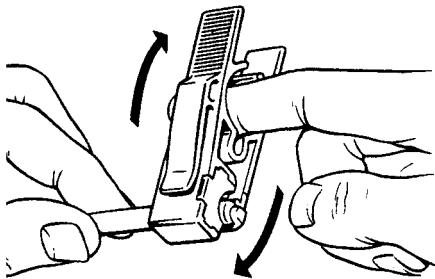
## Combination, Self-adjusting Wire Stripper



- Body of tough fiberglass-reinforced nylon
- No other self-adjusting wire stripper allows hand that positions cable and hand that cycles tool to work so closely together
- Mechanics made of high quality corrosion-protected special hardened Swedish steel
- Widest cutting and stripping range in 1 tool
- Cuts and strips nylon and PVC insulated cable 30-12 AWG (.05-6.0mm<sup>2</sup>)
- Ingenious mechanism on Combination Stripper automatically adjusts the holding force on cable
- Combination Stripper also equipped with excellent built-in cutter
- Required force reduced to minimum on thin cables and automatically increased on thicker cables
- Construction also avoids damaging conductor or insulation while stripping
- Tested for 100,000 operations

| Cat No.        | UPC No.      | Packed | Stripping & Cutting Capacity        | Overall Length |     | Pack Wt. |      | Shelf Pack |
|----------------|--------------|--------|-------------------------------------|----------------|-----|----------|------|------------|
|                |              |        |                                     | Inch           | mm  | lb       | kg   |            |
| <b>SAS2812</b> | 037103489388 | Boxed  | 30-12 AWG (.05-6.0mm <sup>2</sup> ) | 8              | 202 | 0.5      | 2.36 | 1          |

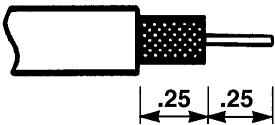
Economical Coaxial Wire Stripper



- Spring-like action coaxial wire stripper specially designed to quickly and easily strip RG Series cables for CATV “F” connectors
- Built-in stop (no adjustments needed)
- Replaceable blade cassette lasts 1,000-2,000 strips
- Convenient built-in belt clip

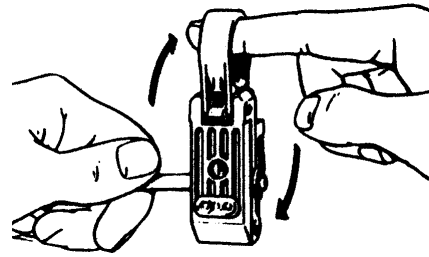
Economical Coaxial Wire Stripper - Pre-adjusted for RG59 & RG6

- Tool specially designed to quickly and easily strip RG 59 and RG 6 cables for CATV “F” connectors
- Built-in stop (no adjustments needed)
- Replaceable blade cassette lasts 1,000-2,000 strips
- Convenient built-in belt clip
- Full operating instructions listed on back of blister card



| Cat No.  | UPC No.      | Packed | Description                         | Pack Wt. |    | Shelf Pack |
|----------|--------------|--------|-------------------------------------|----------|----|------------|
|          |              |        |                                     | lb       | kg |            |
| 2CSKCATV | 037103045324 | Carded | For RG59 and RG6                    | 1/4      | 6  | 3          |
| CATVC    | 037103045331 | Boxed  | Cassette, spare blades for 2CSKCATV | 1/4      | 6  | 3          |

### Coaxial Wire Stripper - Full Kits and Pre-adjusted Models

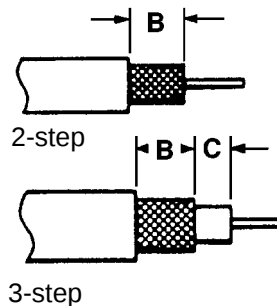


- Fastest accurate coax-stripping system
- Coaxial cable from .10" to .30" (1.87-7.6mm) in thickness (RG 178 up to RG 6) stripped in seconds
- Also removes dielectric, braid and outside insulation
- Xcelite® system available with different color-coded cassettes designed to meet exact stripping specifications
- Cassettes changed in seconds
- Available in full kits for users of many different cable sizes
- Special, pre-adjusted models or cassettes with special strip lengths made upon request

### Full Kits - Coaxial Wire Stripper



- Full kit designed for user who strips many different size cables (from .1" to .3"/2.5-7.6mm)
- Contains cassette indicated, all 4 Xcelite® V-Blocks, hex wrench and instruction sheets covering most possible applications
- 3-step models not recommended for cable with hollow dielectric (RG 62) or foam dielectric (use 2-step models instead)
- Cable O.D. range: .10"-.30" (2.5-7.6mm), RG 174 to Belden® 8281 or RG 6

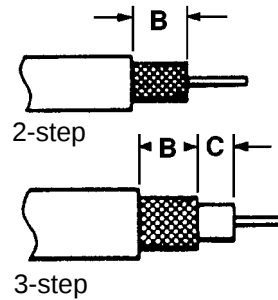


| Kit Cat No.   | UPC No.      | Type   | Packed  | Cassette Cat No. & Color | Cassette UPC No. | Blade Spacing (B) |      |      |     | Cover Strip Length Specs. (C) |           |           |         | Shelf Pack |
|---------------|--------------|--------|---------|--------------------------|------------------|-------------------|------|------|-----|-------------------------------|-----------|-----------|---------|------------|
|               |              |        |         |                          |                  | in                | mm   | in   | mm  | in                            | mm        | in        | mm      |            |
| <b>2CSKR</b>  | 037103489456 | 2-step | Pouched | 2CR red                  | 037103489493     | 0.24              | 6.0  | -    | -   | 7/32-1/4                      | 5.6-6.3   | -         | -       | 1          |
| <b>2CSKB</b>  | 037103489470 | 2-step | Pouched | 2CB blue                 | 037103489616     | 0.27              | 6.8  | -    | -   | 1/4-9/32                      | 6.3-7.1   | -         | -       | 1          |
| <b>2CSKY</b>  | 037103489463 | 2-step | Pouched | 2CY yellow               | 037103489609     | 0.47              | 12.0 | -    | -   | 7/16-1/2                      | 11.1-12.7 | -         | -       | 1          |
| <b>3CSKBR</b> | 037103489432 | 3-step | Pouched | 3CBR brown               | 037103489579     | .328              | 8.3  | .109 | 2.7 | 5/16-11/32                    | 7.9-8.7   | 1/16-7/64 | 1.6-2.8 | 1          |
| <b>3CSKGN</b> | 037103489449 | 3-step | Pouched | 3CGN green               | 037103489586     | .235              | 6.0  | .235 | 6.0 | 7/32-1/4                      | 5.6-6.3   | 13/64-1/4 | 5.1-6.3 | 1          |
| <b>3CSKWH</b> | 037103489975 | 3-step | Pouched | 3CWH white               | 037103489986     | .266              | 6.7  | .063 | 1.6 | 1/4-17/64                     | 6.3-6.7   | 1/16-3/32 | 1.6-2.4 | 1          |

Note: 3-STEP models are not recommended for cable with hollow dielectrics (RG 62) or foam dielectrics. Use 2-STEP models instead.  
Cable O.D. range: .10"-.30" (2.5-7.6mm) e.g. RG174 to Belden® 8281 or RG6.

# Pre-adjusted Models - Coaxial Wire Stripper

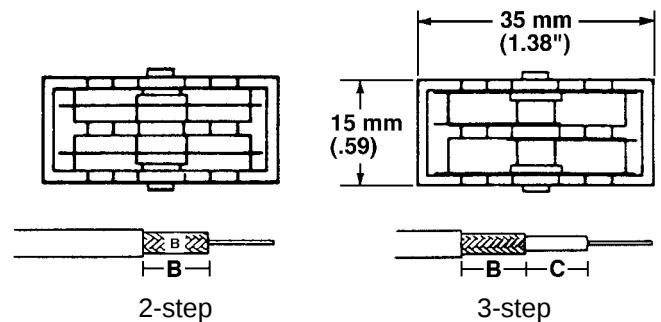
- Saves time for novice user who strips primarily just one or a few cables in the same general O.D. range
- Fully adjusted for the cables indicated in chart
- Hex wrench included for adjustment to other size cables
- Simple instructions makes model much less complex than full kits



| Kit Cat No.      | UPC No.      | Type   | For Cable | Packed  | Cassette Cat No. & Color | Cassette UPC No. | Blade Spacing |        |        |        | Cover Strip Length Specs. |           |           |           | Shelf Pack |
|------------------|--------------|--------|-----------|---------|--------------------------|------------------|---------------|--------|--------|--------|---------------------------|-----------|-----------|-----------|------------|
|                  |              |        |           |         |                          |                  | (B) in        | (B) mm | (C) in | (C) mm | (B) in                    | (B) mm    | (C) in    | (C) mm    |            |
| <b>2CS5962R</b>  | 037103489524 | 2-step | 58, 59, 6 | 2Carded | 2CR red                  | 037103489493     | 0.24          | 6.0    | -      | -      | 7/32-1/4                  | 5.6-6.3   | -         | -         | 1          |
| <b>2CS5962B</b>  | 037103489548 | 2-step | 58, 59, 6 | 2Carded | 2CB blue                 | 037103489616     | 0.27          | 6.8    | -      | -      | 1/4-9/32                  | 6.3-7.1   | -         | -         | 1          |
| <b>2CS5962Y</b>  | 037103489531 | 2-step | 58, 59, 6 | 2Carded | 2CY yellow               | 037103489609     | 0.47          | 12.0   | -      | -      | 7/16-1/2                  | 11.1-12.7 | -         | -         | 1          |
| <b>3CS5859BR</b> | 037103489500 | 3-step | 58, 59    | Carded  | 3CBR brown               | 037103489579     | .328          | 8.3    | .109   | 2.7    | 5/16-11/32                | 7.9-8.7   | 1/16-7/64 | 1.58-2.77 | 1          |
| <b>3CS5859GN</b> | 037103489517 | 3-step | 58, 59    | Carded  | 3CGN green               | 037103489586     | .235          | 6.0    | .235   | 6.0    | 7/32-1/4                  | 5.6-6.3   | 13/64-1/4 | 5.1-6.3   | 1          |

## Cassettes

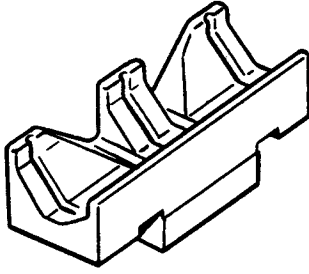
- The cassette determines the strip dimension that your stripper will give
- New tool body design allows all cassettes to be used in any 2 step or 3 step full kit or pre-adjusted model
- Cassettes can be interchanged in seconds in the tool body



| Cassette Cat No. & Color | Cassette UPC No. | Type   | Packed | Blade Spacing |        |        |        | Cover Strip Length Specs. |          |           |         | Shelf Pack |
|--------------------------|------------------|--------|--------|---------------|--------|--------|--------|---------------------------|----------|-----------|---------|------------|
|                          |                  |        |        | (B) in        | (B) mm | (C) in | (C) mm | (B) in                    | (B) mm   | (C) in    | (C) mm  |            |
| <b>2CR red</b>           | 037103489493     | 2-step | Carded | 0.24          | 6.0    | -      | -      | 7/32-1/4                  | 5.6-6.3  | -         | -       | 1          |
| <b>2CB blue</b>          | 037103489616     | 2-step | Carded | 0.27          | 6.8    | -      | -      | 1/4-9/32                  | 6.3-7.1  | -         | -       | 1          |
| <b>2CO orange</b>        | 037103489623     | 2-step | Carded | 0.36          | 9.2    | -      | -      | 11/32-13/32               | 8.7-10.3 | -         | -       | 1          |
| <b>3CSKGW</b>            | 037103489968     | 3-step | Carded | .235          | 6.0    | .235   | 6.0    | 7/32-1/4                  | 5.6-6.3  | 13/64-1/4 | 5.1-6.3 | 1          |
| <b>3SCKW</b>             | 037103489579     | 3-step | Carded | .266          | 6.7    | .063   | 1.6    | 1/4-17/64                 | 6.3-6.7  | 1/16-3/32 | 1.6-2.8 | 1          |
| <b>3CSKWH</b>            | 037103489586     | 3-step | Carded | .328          | 8.3    | .109   | 2.7    | 5/16-11/32                | 7.9-8.7  | 1/16-7/64 | 1.6-2.7 | 1          |

Belden® is a registered trademark of Belden, Inc.

## Replacement V-Blocks



See coaxial wire stripper operating instructions on page 517.

| Cat No. | UPC No.      | Color | Packed | Cable O.D. |         | Typical RG Nos. | Shelf Pack |
|---------|--------------|-------|--------|------------|---------|-----------------|------------|
|         |              |       |        | Inch       | mm      |                 |            |
| VMD     | 037103489654 | Blue  | Boxed  | .19-.25    | 4.8-6.3 | 58, 59, 62      | 1          |
| VSUB    | 037103489661 | White | Boxed  | .10-.12    | 2.5-3.0 | 174, 188, 316   | 1          |

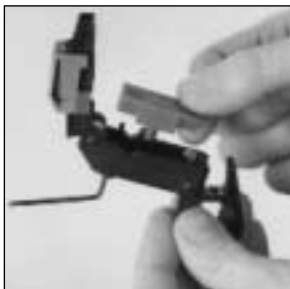
### NEW IMPROVED FEATURES:

Ergonomical slide design for easier use.

Easier V-block replacement.



All tools have 3 blade adjustment screws so any cassette can be used in any tool



Blade height adjustment gauge. Allows easy adjustment for most common cable sizes. Included in all full kits.



New, more durable blades, provide more than twice the life of the old blades.

# Coaxial Wire Stripper Operating Instructions

Note the parts of the stripper in Figure 1.

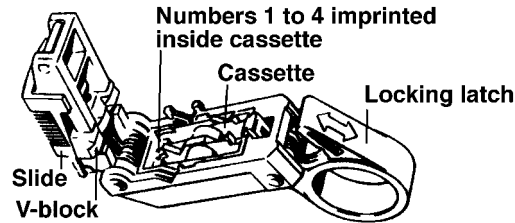


Figure 1

**Follow these steps when stripping with the Xcelite® Coaxial Cable Stripper.**

**A. Adjust slide to position 4 or 5.**

**B. Open tool by rotating locking latch downward.**  
(Fig. 2)

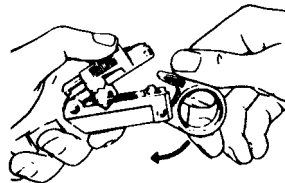


Figure 2

**C. Mark jacket of cable for center conductor length.**  
(If you have a simple wire-cutter, ignore this instruction. You can cut center conductor to length after the strip.)

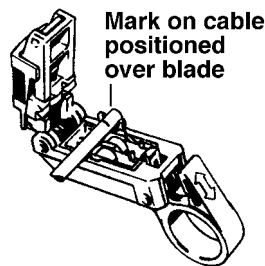


Figure 3

**D. Hold the tool with the handle towards you and insert coax from left into the groove position. Close and latch tool.**  
(Figs. 3 and 4)

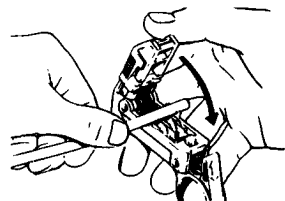


Figure 4

**E. Push slide forward to appropriate start position**  
(see Fig. 7). Make sure proper V-block is installed.

**F. Rotate tool** around coax about 5 times (Fig. 5). Push slide forward to next position in sequence. Rotate tool again. Then push slide forward to final position and rotate tool final 5 times.

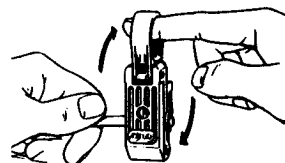


Figure 5

**G. Move slide back one position.** Then pull cable out carefully while squeezing tool (Fig. 6).

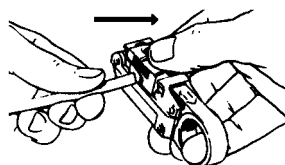


Figure 6

## Recommended Settings

| Coax             | V-block | Slide Progression |
|------------------|---------|-------------------|
| RG-58            | Blue    | 3, 2, 1           |
| RG59, 62         | Blue    | 5, 4, 3           |
| RG 174, 188, 316 | White   | 4, 3              |
| RG6              | Yellow  | 5, 4, 3           |
| Belden® 8281     | Yellow  | 5, 4              |
| RG 195, 180      | Red     | 4, 3, 2           |

Figure 7

## V-blocks

Select proper V-block by O.D. of wire (see Fig. 8).

|          |                    |               |       |
|----------|--------------------|---------------|-------|
| V-block  | Cable              | Cable         |       |
| Part No. | Dia. Range         | RG #          | Color |
| VMD      | .20"-25" (5-6.4mm) | 58, 59        | Blue  |
| VSUB     | .10-12" (2.5-3mm)  | 174, 188, 316 | White |

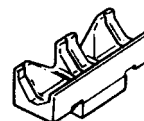


Figure 8

## Cassettes

Each cassette contains 4 sets of cutting edges. Cassettes can be reversed each time a blade set wears out. Numbers 1 to 4 are printed inside cassette to determine usage. (see Fig. 1)

**To change or reverse cassette,** move locking latch in direction of arrow, then push cassette out of tool by inserting wrench through hole in bottom of tool (Fig. 9).

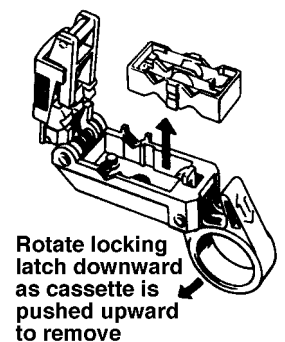


Figure 9

**Note:** 3-bladed cassettes can only be in positions 1 and 2. Positions 3 and 4 would give reversed strip dimensions!