



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.

IMPORTANT NOTE

Just click on the
item you want.



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, vacuum packed hanging display package. To order, add suffix "V." Example R184V is carded, R184 is not carded.

Key to symbols

| | |
|--|--------------------------------|
| | Blade diameter |
| | Blade length |
| | Handle dimensions |
| | Overall length of screwdrivers |
| | Hex diameter |
| | Overall length |

X is an abbreviation for Xcelite.

Contents

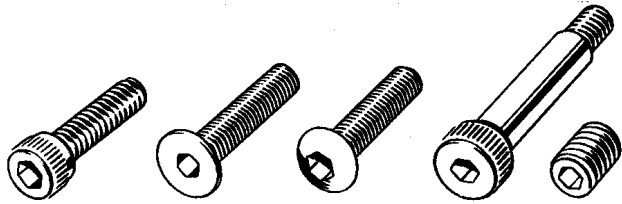
| |
|--|
| Xcelite® tool selection guide |
| Screwdrivers for slotted screws |
| Screwdrivers, Phillips®, Frearson and Torx® |
| Screwdriver sets |
| Screwdrivers, Allen hex socket type |
| Ballpoint style, Allen hex socket type |
| Scrulox type screwdrivers |
| Clutch head type screwdrivers |
| Combination reversible screwdrivers and kits |
| Nutdrivers-fixed handles—inch and Metric sizes |
| Compact convertible tool sets |
| Series 99® blades, shanks, handles and kits |
| Series 99® compact interchangeable-blade sets |
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| Diagonal cutting pliers |
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| Diagonal chain nose pliers |
| Diagonal long needle nose pliers |
| Needle nose pliers |
| Micro electronic diagonal cutting pliers |
| Electronic shearcutters and pliers |
| Pliers and cutters |
| Utility Pliers |
| Special tools for special problems |
| Tweezers |
| Precision knives and blades |
| Multi purpose tool kit |
| Xcelite® attaché tool cases |
| Tools for cable terminals and connectors |

Phillips® is a registered trademark of The Phillips Screw Company
Torx® is the trademark of Camcar Division of Textron Incorporated.

Xcelite® tool selection guide

Proper Xcelite driver for popular size fasteners

Allen type hex socket screws

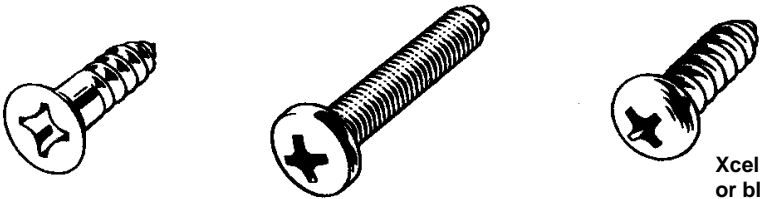


Xcelite driver
or blade

| Cap screws | | | | | | | |
|---------------------|-------------|----------------------|------------------------|-----------------|------------|----------------------|----------|
| 1960 series | 1936 series | Flat head cap screws | Button head cap screws | Shoulder screws | Set screws | Catalog number | Hex size |
| Nominal screw sizes | | | | | | | (inches) |
| -- | -- | -- | -- | -- | 0 | P18 | .028 |
| -- | -- | 0 | 0 | -- | 1&2 | P19 | .035 |
| 0 | 0&1 | 1&2 | 1&2 | -- | 3&4 | LN-20, P20, 99-20 | .050 |
| 1 | 2 | 3&4 | 3&4 | -- | 5&6 | LN-21, P21, 99-21 | 1/16 |
| 2&3 | 3&4 | 5&6 | 5&6 | -- | 8 | LN-22, P22, 99-22 | 5/64 |
| 4&5 | 5&6 | 8 | 8 | -- | 10 | LN-23, P23, 99-23 | 3/32 |
| 6 | -- | -- | -- | -- | -- | LN-764, P764, 99-764 | 7/64 |
| -- | 8 | 10 | 10 | 1/4 | 1/4 | LN-24, P24, 99-24 | 1/8 |
| 8 | -- | -- | -- | -- | -- | LN-964, P964, 99-964 | 9/64 |
| 10 | 10&12 | 1/4 | 1/4 | 5/16 | 5/16 | LN-25, 99-25 | 5/32 |
| 1/4 | 1/4 | 5/16 | 5/16 | 3/8 | 3/8 | LN-26, 99-26 | 3/16 |
| -- | 5/16 | 3/8 | 3/8 | -- | 7/16 | LN-27 | 7/32 |
| 5/16 | -- | 7/16 | -- | 1/2 | 1/2 | LN-28 | 1/4 |

Note:
P Series = midget drivers in PS89 sets.
LN Series = fixed handle drivers. Same size available also in LN-20BP through LN-28BP ballpoint fixed handle drivers.
Series 99® = interchangeable blades. Same sizes available also in 99-20BP through 99-26BP ballpoint blades.
See also offset ratchet screwdriver sets.

Phillips® type screws

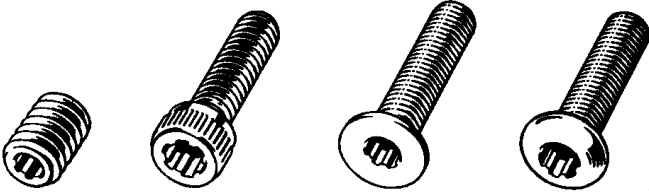


Xcelite driver
or blade

| Wood screw | | Machine screw | | Sheetmetal | | | |
|------------|----------|-------------------|-----------------|----------------------|---------------------------------|------------|-------------------------|
| Flat oval | Round | Flat oval binding | Round fillister | Truss brazier button | Flat, round oval, stove binding | Point size | Blade diameter (inches) |
| 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. Phillips® is a registered trademark of The Phillips Screw Company.

Bristol type multiple-spline socket screws

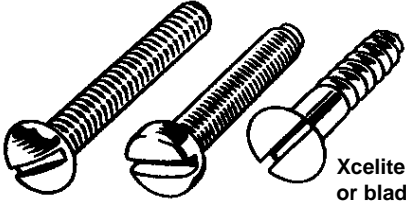


Xcelite blade

| Set screws | Cap screws 1960 series | Flat head | Button head | Catalog number | Tip size (inches) | Number of flutes |
|-------------|---------------------------|-------------|-------------|-------------------|----------------------|---------------------|
| No. 2-No. 3 | -- | No. 0 | No. 0 | 99-61 | .048 | 6 |
| No. 4 | No. 0 | No. 1-No. 2 | No. 1-No. 2 | 99-62 | .060 | 6 |
| No. 5 | -- | -- | -- | 99-63 | .069 | 4 |
| No. 5-No. 6 | No. 1 | No. 3-No. 4 | 99-64 | 99-64 | .072 | 6 |
| No. 6 | -- | -- | -- | 99-65 | .076 | 4 |
| No. 8 | No. 2-No. 3 | No. 5-No. 6 | No. 5-No. 6 | 99-66 | .096 | 6 |
| No. 10 | No. 4-No. 5 | No. 8 | No. 8 | 99-67 | .111 | 6 |
| 1/4" | -- | No. 10 | No. 10 | 99-68 | .145 | 6 |
| 5/16" | No. 10 | 1/4" | 1/4" | 99-69 | .183 | 6 |

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

Slotted screws

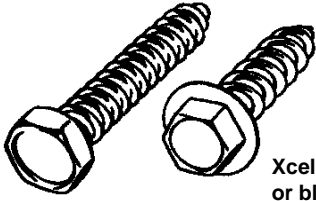


Xcelite driver
or blade

| Screw size | Tip size (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

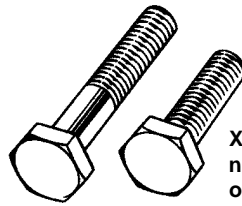


Xcelite driver
or blade

| Screw size | Screw diameter (inches) | Number* | Hex opening (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.

Hex head bolts and hex head cap screws

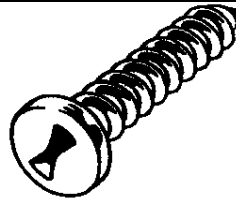


Xcelite
nutdriver
or blade

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

*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.

Clutch head screws

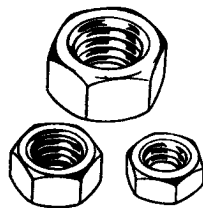


Xcelite driver
or blade

| Screw size | Tip size (inches) |
|-------------------|---------------------------------|
| 2 | $\frac{3}{32}$ |
| 3 | $\frac{3}{32}$ |
| 4 | 3 |
| 32- $\frac{1}{4}$ | |
| 6 | $\frac{1}{8}$ - $\frac{5}{32}$ |
| 8 | $\frac{5}{32}$ |
| 10 | $\frac{5}{32}$ - $\frac{3}{16}$ |
| 12 | $\frac{3}{16}$ - $\frac{1}{4}$ |
| 14, $\frac{1}{4}$ | $\frac{1}{4}$ |
| $\frac{1}{4}$ | $\frac{5}{16}$ |
| $\frac{1}{4}$ | $\frac{5}{16}$ |

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

Hex nuts

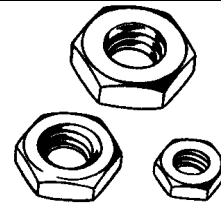


Xcelite
nutdriver
or blade

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

*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

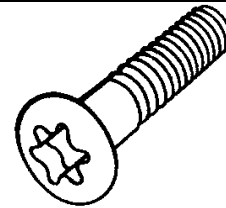


Xcelite
nutdriver
or blade

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

*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.

Torx screws



Xcelite
driver

| Torx size | Tip size (inches) |
|-----------|-------------------|
| T8 | XTD8 |
| T10 | XTD10 |
| T15 | XTD15 |
| T20 | XTD20 |
| T25 | XTD25 |
| T27 | XTD27 |
| T30 | XTD30 |




Screwdrivers for slotted screws

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

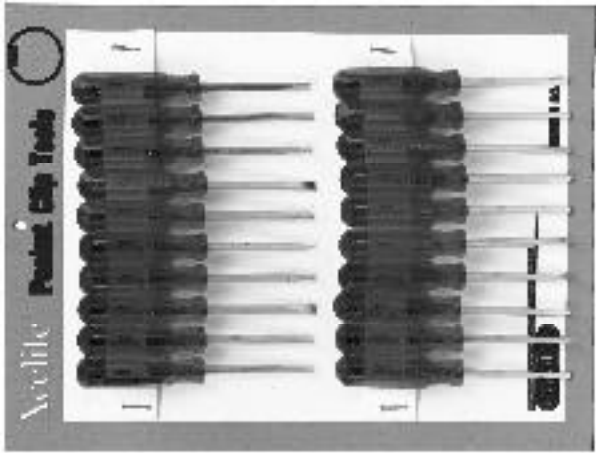
Pocket clip style – round blade

- Blade made from AISI 6150 chrome vanadium steel



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

| Cat No. | UPC No. | Description | Shelf Pack |
|---------|--------------|--------------------|------------|
| 18120 | 037103483676 | Card - 20 of R181 | 1 |
| 33220 | 037103483683 | Card - 20 of R3322 | 1 |

Regular - round blade



R184








R144



R3166






R148

| Cat No. | UPC No. | Packed |  Inch |  Inch |  mm |  Inch |  mm | Shelf 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 |
| R3610 | 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 |

Xcelite®

Regular – round blade (continued)

| Cat No. | UPC No. | Packed |  Inch | Inch  mm | Inch  mm | Shelf Pack | | |
|---------|--------------|--------|--|---|---|------------|-----|---|
| 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 |
| R5164V | 037103485912 | Carded | 5/16 | 4 | 102 | 8 1/2 | 216 | 6 |
| R5166 | 037103485700 | Boxed | 5/16 | 6 | 152 | 10 1/2 | 267 | 6 |
| R5166V | 037103485717 | Carded | 5/16 | 6 | 152 | 10 1/2 | 267 | 6 |
| R5168 | 037103485724 | Boxed | 5/16 | 8 | 203 | 12 1/2 | 317 | 6 |
| R5168V | 037103488749 | Carded | 5/16 | 8 | 203 | 12 1/2 | 317 | 6 |
| R388 | 037103485557 | Boxed | 3/8 | 8 | 203 | 12 1/2 | 317 | 6 |
| R388V | 037103488695 | Carded | 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 |
|---------|--------------|--------|---|------------|
| SDR11 | 037103486103 | Pouch | 5 round blade screwdrivers for slotted screws | 1 |



Stubby – square blade



| Cat No. | UPC No. | Packed |  Inch |  Inch | mm |  Inch | mm | Shelf Pack |
|---------|--------------|--------|--|--|----|--|----|------------|
| S3161 | 037103485922 | Boxed | $\frac{3}{16}$ | 1 $\frac{1}{4}$ | 32 | 3 $\frac{1}{4}$ | 83 | 6 |
| S3161V | 037103486943 | Carded | $\frac{3}{16}$ | 1 $\frac{1}{4}$ | 32 | 3 $\frac{1}{4}$ | 83 | 6 |
| S141 | 037103485854 | Boxed | $\frac{1}{4}$ | 1 $\frac{1}{4}$ | 32 | 3 $\frac{1}{4}$ | 83 | 6 |
| S141V | 037103486936 | Carded | $\frac{1}{4}$ | 1 $\frac{1}{4}$ | 32 | 3 $\frac{1}{4}$ | 83 | 6 |
| S5161 | 037103486011 | Boxed | $\frac{5}{16}$ | 1 $\frac{1}{4}$ | 32 | 3 $\frac{1}{4}$ | 83 | 6 |

Regular – square blade



| Cat No. | UPC No. | Packed |  Inch | Inch | mm |  Inch | mm | Shelf Pack |
|---------|--------------|--------|--|------|-----|--|-----|------------|
| S3163 | 037103485939 | Boxed | $\frac{3}{16}$ | 3 | 76 | $6\frac{5}{8}$ | 168 | 6 |
| S3163V | 037103488794 | Carded | $\frac{3}{16}$ | 3 | 76 | $6\frac{5}{8}$ | 168 | 6 |
| S3164 | 037103485953 | Boxed | $\frac{3}{16}$ | 4 | 702 | $7\frac{5}{8}$ | 194 | 6 |
| S3164V | 037103485960 | Carded | $\frac{3}{16}$ | 4 | 702 | $7\frac{5}{8}$ | 194 | 6 |
| S3166 | 037103485977 | Boxed | $\frac{3}{16}$ | 6 | 152 | $9\frac{5}{8}$ | 244 | 6 |
| S3166V | 037103488800 | Carded | $\frac{3}{16}$ | 6 | 152 | $9\frac{5}{8}$ | 244 | 6 |
| S3168 | 037103485991 | Boxed | $\frac{3}{16}$ | 8 | 203 | $11\frac{5}{8}$ | 295 | 6 |
| S3168V | 037103488817 | Carded | $\frac{3}{16}$ | 8 | 203 | $11\frac{5}{8}$ | 295 | 6 |
| S144 | 037103485861 | Boxed | $\frac{1}{4}$ | 4 | 102 | $8\frac{1}{8}$ | 206 | 6 |
| S144V | 037103485878 | Carded | $\frac{1}{4}$ | 4 | 102 | $8\frac{1}{8}$ | 206 | 6 |
| S146 | 037103485885 | Boxed | $\frac{1}{4}$ | 6 | 152 | $10\frac{1}{8}$ | 257 | 6 |
| S146V | 037103485892 | Carded | $\frac{1}{4}$ | 6 | 152 | $10\frac{1}{8}$ | 257 | 6 |
| S148 | 037103485908 | Boxed | $\frac{1}{4}$ | 8 | 203 | $12\frac{1}{8}$ | 308 | 6 |
| S148V | 037103488770 | Carded | $\frac{1}{4}$ | 8 | 203 | $12\frac{1}{8}$ | 308 | 6 |
| S5164 | 037103486028 | Boxed | $\frac{5}{16}$ | 4 | 102 | $8\frac{1}{2}$ | 216 | 6 |
| S5164V | 037103488824 | Carded | $\frac{5}{16}$ | 4 | 102 | $8\frac{1}{2}$ | 216 | 6 |
| S5166 | 037103486035 | Boxed | $\frac{5}{16}$ | 6 | 152 | $10\frac{1}{2}$ | 216 | 6 |
| S5166V | 037103486042 | Carded | $\frac{5}{16}$ | 6 | 152 | $10\frac{1}{2}$ | 216 | 6 |
| S3168 | 037103486059 | Boxed | $\frac{5}{16}$ | 8 | 203 | $12\frac{1}{2}$ | 317 | 6 |
| S3168V | 037103488831 | Carded | $\frac{5}{16}$ | 8 | 203 | $12\frac{1}{2}$ | 317 | 6 |
| S51610 | 037103486066 | Boxed | $\frac{5}{16}$ | 10 | 254 | $14\frac{1}{2}$ | 368 | 6 |
| S51610V | 037103488848 | Carded | $\frac{5}{16}$ | 10 | 254 | $14\frac{1}{2}$ | 368 | 6 |
| S388 | 037103485915 | Boxed | $\frac{3}{8}$ | 8 | 203 | $12\frac{1}{2}$ | 317 | 6 |
| S388V | 037103488787 | Carded | $\frac{3}{8}$ | 8 | 203 | $12\frac{1}{2}$ | 317 | 6 |
| S3812 | 037103486004 | Boxed | $\frac{3}{8}$ | 12 | 305 | 18 | 457 | 6 |
| S71612 | 037103486073 | Boxed | $\frac{7}{16}$ | 12 | 305 | 18 | 457 | 6 |
| S71618 | 037103486080 | Boxed | $\frac{7}{16}$ | 18 | 457 | 24 | 610 | 6 |

Xcelite®

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 |
|---------|--------------|--------|--|------------|
| SDS44 | 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 |  Inch |  Inch |  mm |  Inch |  mm | Shelf Pack |
|---------|--------------|---------------------------|------------|--|--|---|--|--|------------|
| P12S | 037103484857 | Boxed | 0 | 1⁄8 | 2 | 51 | 4 1⁄4 | 108 | 12 |
| P12SV | 037103486905 | Carded | 0 | 1⁄8 | 2 | 51 | 4 1⁄4 | 108 | 12 |
| P12S20 | 037103484864 | Hang-up card w/20 of P12S | | | | | | | 1 |

Phillips® is a registered trademark of The Phillips Screw Company


Stubby – Phillips type



| Cat No. | UPC No. | Packed | Point size |  Inch |  Inch |  mm |  Inch |  mm | Shelf Pack |
|---------|--------------|--------|------------|--|--|---|--|--|------------|
| SX101 | 037103486226 | Boxed | 1 | 3⁄16 | 1 7⁄16 | 37 | 3 7⁄16 | 87 | 6 |
| SX102 | 037103486233 | Boxed | 2 | 1⁄4 | 1 5⁄16 | 33 | 3 3⁄8 | 86 | 6 |

Regular – Phillips type




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

Xcelite®

Extra long – Phillips type




| Cat No. | UPC No. | Packed | Point size |  Inch | Inch | mm | Inch | mm | Shelf Pack |
|---------|--------------|--------|------------|--|------|-----|-----------------|-----|------------|
| X1010 | 037103486486 | Boxed | 1 | $\frac{3}{16}$ | 10 | 254 | $13\frac{5}{8}$ | 346 | 6 |
| X1020 | 037103486493 | Boxed | 2 | $\frac{1}{4}$ | 10 | 254 | $14\frac{1}{8}$ | 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 |  Inch | Inch | mm | Inch | mm | Shelf Pack |
|---------|--------------|--------|------------|--|------|-----|-----------------|-----|------------|
| XST100 | 037103486738 | Boxed | 0 | $\frac{1}{8}$ | 2 | 50 | $4\frac{5}{8}$ | 117 | 6 |
| XST100V | 037103486745 | Carded | 0 | $\frac{1}{8}$ | 2 | 50 | $4\frac{5}{8}$ | 117 | 6 |
| XST101 | 037103486752 | Boxed | 1 | $\frac{3}{16}$ | 3 | 76 | $6\frac{5}{8}$ | 168 | 6 |
| XST101V | 037103486769 | Carded | 1 | $\frac{3}{16}$ | 3 | 76 | $6\frac{5}{8}$ | 168 | 6 |
| XST102 | 037103486776 | Boxed | 2 | $\frac{1}{4}$ | 4 | 102 | $8\frac{1}{8}$ | 206 | 6 |
| XST102V | 037103486783 | Carded | 2 | $\frac{1}{4}$ | 4 | 102 | $8\frac{1}{8}$ | 206 | 6 |
| XST1010 | 037103486790 | Boxed | 1 | $\frac{3}{16}$ | 10 | 254 | $13\frac{5}{8}$ | 371 | 6 |
| XST1020 | 037103486806 | Boxed | 2 | $\frac{1}{4}$ | 10 | 254 | $14\frac{1}{8}$ | 371 | 6 |

Frearson (Reed & Prince) Type





| Cat No. | UPC No. | Packed |  Inch |  Inch | mm |  Inch | mm | Shelf Pack |
|---------|--------------|--------|--|--|----|--|-----|------------|
| RP101 | 037103485823 | Boxed | $\frac{3}{16}$ | 3 | 76 | $6\frac{5}{8}$ | 168 | 6 |
| RP102 | 037103485830 | Boxed | $\frac{3}{16}$ | 3 | 76 | $6\frac{5}{8}$ | 168 | 6 |

Screwdrivers for Torx® head screws



XTD20


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

Torx® is the trademark of Camcar Division of Textron Incorporated.



Screwdrivers – Tamper Proof-Torx®



| Cat No. | UPC No. | Packed | Tip size | Inch |  mm | Shelf Pack |
|----------|--------------|--------|----------|------|--|------------|
| XTD8TP | 037103044907 | Boxed | T-8 | 4 | 102 | 6 |
| XTD8TPV | 037103044914 | Carded | T-8 | 4 | 102 | 6 |
| XTD10TP | 037103045287 | Boxed | T-10 | 4 | 102 | 6 |
| XTD10TPV | 037103045256 | Carded | T-10 | 4 | 102 | 6 |
| XTD15TP | 037103045300 | Boxed | T-15 | 4 | 102 | 6 |
| XTD15TPV | 037103045317 | Carded | T-15 | 4 | 102 | 6 |

Torx® is the trademark of Camcar Division of Textron Incorporated

Screwdriver sets

Xcelite®



SDX22



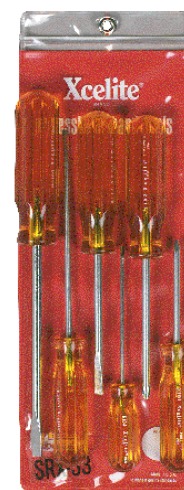
XST3



XST5



SD3V



SRX33

- SDX22 contains Phillips Xcelite® Catalog No. X100, X101, X102, X103, SX102
- 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 |
|---------|--------------|--------|--|------|
| SDX22 | 037103486127 | Pouch | 5 pieces – all Phillips | 1 |
| XST3 | 037103487353 | Pouch | 3 pieces – all Super-tru tip Phillips type | 1 |
| XST5 | 037103487360 | Pouch | 5 pieces – all Super-tru tip Phillips type | 1 |
| SD3V | 037103486097 | Carded | 3 pocket clip screwdrivers for Phillips head screws | 1 |
| SRX33 | 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 |  Inch | Inch |  mm | Inch |  mm | Shelf Pack |
|---------|--------------|--------|--|------|--|--------------------------------|--|------------|
| LN20 | 037103484468 | Boxed | .050 | 4 | 102 | 6 ⁵ / ₈ | 168 | 6 |
| LN21 | 037103484475 | Boxed | 1 ¹ / ₁₆ | 4 | 102 | 6 ⁵ / ₈ | 168 | 6 |
| LN21V | 037103488275 | Carded | 1 ¹ / ₁₆ | 4 | 102 | 6 ⁵ / ₈ | 168 | 6 |
| LN22 | 037103484482 | Boxed | 5 ⁵ / ₆₄ | 4 | 102 | 6 ⁵ / ₈ | 168 | 6 |
| LN22V | 037103488282 | Carded | 5 ⁵ / ₆₄ | 4 | 102 | 6 ⁵ / ₈ | 168 | 6 |
| LN23 | 037103484499 | Boxed | 3 ³ / ₃₂ | 4 | 102 | 7 ¹ / ₈ | 190 | 6 |
| LN23V | 037103488299 | Carded | 3 ³ / ₃₂ | 4 | 102 | 7 ¹ / ₈ | 190 | 6 |
| LN764 | 037103484550 | Boxed | 7 ⁷ / ₆₄ | 4 | 102 | 7 ¹ / ₈ | 190 | 6 |
| LN764V | 037103488305 | Carded | 7 ⁷ / ₆₄ | 4 | 102 | 7 ¹ / ₈ | 190 | 6 |
| LN24 | 037103484505 | Boxed | 1 ¹ / ₈ | 4 | 102 | 7 ¹ / ₈ | 190 | 6 |
| LN24V | 037103488312 | Carded | 1 ¹ / ₈ | 4 | 102 | 7 ¹ / ₈ | 190 | 6 |
| LN964 | 037103484567 | Boxed | 9 ⁹ / ₆₄ | 4 | 102 | 7 ¹ / ₈ | 190 | 6 |
| LN964V | 037103488329 | Carded | 9 ⁹ / ₆₄ | 4 | 102 | 7 ¹ / ₈ | 190 | 6 |
| LN25 | 037103484512 | Boxed | 5 ⁵ / ₃₂ | 6 | 152 | 9 ¹ / ₈ | 232 | 6 |
| LN25V | 037103488336 | Carded | 5 ⁵ / ₃₂ | 6 | 152 | 9 ¹ / ₈ | 232 | 6 |
| LN26 | 037103484529 | Boxed | 3 ³ / ₁₆ | 6 | 152 | 10 ¹ / ₈ | 257 | 6 |
| LN26V | 037103488343 | Carded | 3 ³ / ₁₆ | 6 | 152 | 10 ¹ / ₈ | 257 | 6 |
| LN27 | 037103484536 | Boxed | 7 ⁷ / ₃₂ | 6 | 152 | 10 ¹ / ₈ | 257 | 6 |
| LN28 | 037103484543 | Boxed | 1 ¹ / ₄ | 6 | 152 | 10 ¹ / ₈ | 257 | 6 |

Metric sizes – black handles



| Cat No. | UPC No. | Packed |  Inch/ mm | Inch |  mm | Inch |  mm | Shelf Pack |
|---------|--------------|--------|--|------|--|------|--|------------|
| LN127MM | 037103484260 | Boxed | 1.27 | -- | 102 | -- | 168 | 6 |
| LN15MM | 037103484277 | Boxed | 1.5 | -- | 102 | -- | 168 | 6 |
| LN2MM | 037103484284 | Boxed | 2 | -- | 102 | -- | 168 | 6 |
| LN25MM | 037103484291 | Boxed | 2.5 | -- | 102 | -- | 181 | 6 |
| LN3MM | 037103484307 | Boxed | 3 | -- | 102 | -- | 181 | 6 |
| LN4MM | 037103484314 | Boxed | 4 | -- | 102 | -- | 181 | 6 |
| LN5MM | 037103484321 | Boxed | 5 | -- | 102 | -- | 181 | 6 |
| LN6MM | 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 |
|---------|--------------|-------------|---|------------|
| LN11 | 037103484451 | Canvas case | Complete set of LN series Allen hex type screwdrivers | 1 |
| LN8MM | 037103484345 | Canvas case | Complete set of 8 drivers w/black handles in metric sizes | 1 |

Xcelite®



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 |  Inch | Inch | mm |  Inch | mm | Shelf Pack |
|---------|--------------|--------|--|------|-----|--|-----|------------|
| LN20BP | 037103484574 | Boxed | .050 | 4 | 102 | 6 ⁵ / ₈ | 168 | 6 |
| LN21BP | 037103484581 | Boxed | 1 ¹ / ₁₆ | 4 | 102 | 6 ⁵ / ₈ | 168 | 6 |
| LN22BP | 037103484598 | Boxed | 5 ⁵ / ₆₄ | 4 | 102 | 6 ⁵ / ₈ | 168 | 6 |
| LN23BP | 037103484604 | Boxed | 3 ³ / ₃₂ | 4 | 102 | 7 ¹ / ₈ | 181 | 6 |
| LN764BP | 037103484666 | Boxed | 7 ⁷ / ₆₄ | 4 | 102 | 7 ¹ / ₈ | 181 | 6 |
| LN24BP | 037103484611 | Boxed | 1 ¹ / ₈ | 4 | 102 | 7 ¹ / ₈ | 181 | 6 |
| LN964BP | 037103484673 | Boxed | 9 ⁹ / ₆₄ | 4 | 102 | 7 ¹ / ₈ | 181 | 6 |
| LN25BP | 037103484628 | Boxed | 5 ⁵ / ₃₂ | 4 | 102 | 7 ¹ / ₈ | 181 | 6 |
| LN26BP | 037103484635 | Boxed | 3 ³ / ₁₆ | 4 | 102 | 8 ¹ / ₈ | 206 | 6 |
| LN28BP | 037103484659 | Boxed | 1 ¹ / ₄ | 4 | 102 | 8 ¹ / ₈ | 206 | 6 |

Metric sizes – black handles

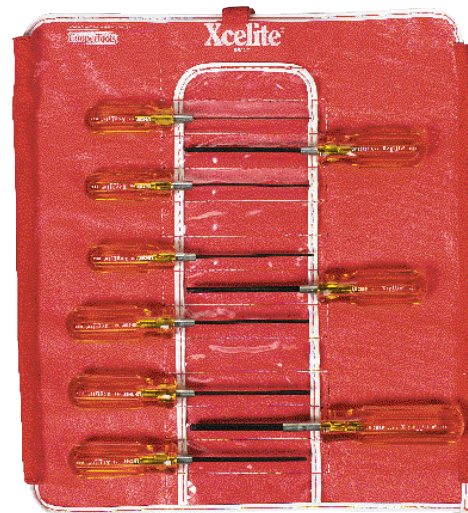
- For easier tightening and removing of Allen type socket head screws
- Ballpoint tip



| Cat No. | UPC No. | Packed |  Inch/ mm |  Inch mm |  Inch mm | Shelf Pack |
|-----------|--------------|--------|--|---|---|------------|
| LN127MMBP | 037103484352 | Boxed | 1.27 | -- 102 | -- 168 | 6 |
| LN15MMBP | 037103484369 | Boxed | 1.5 | -- 102 | -- 168 | 6 |
| LN2MMBP | 037103484376 | Boxed | 2 | -- 102 | -- 168 | 6 |
| LN25MMBP | 037103484383 | Boxed | 2.5 | -- 102 | -- 181 | 6 |
| LN3MMBP | 037103484390 | Boxed | 3 | -- 102 | -- 181 | 6 |
| LN4MMBP | 037103484406 | Boxed | 4 | -- 102 | -- 181 | 6 |
| LN5MMBP | 037103484413 | Boxed | 5 | -- 102 | -- 181 | 6 |
| LN6MMBP | 037103484420 | Boxed | 6 | -- 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 |
|---------|--------------|-------------|--|------------|
| LN8MMBP | 037103484437 | Canvas case | Metric sizes – 8 ballpoint, Allen hex socket type screwdrivers | 1 |
| LN9BP | 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 | Inch mm | | Inch mm | | Shelf Pack |
|---------|--------------|--------|------------|--------------|---------|-----|---------|-----|------------|
| SL0V | 037103486141 | Carded | 0 | Amber | 3 1/2 | 89 | 7 5/8 | 194 | 6 |
| SL1 | 037103486158 | Boxed | 1 | Green | 3 1/2 | 89 | 7 5/8 | 194 | 6 |
| SL1V | 037103486165 | Carded | 1 | Green | 3 1/2 | 89 | 7 5/8 | 194 | 6 |
| SL2 | 037103486172 | Boxed | 2 | Red | 3 1/2 | 89 | 7 5/8 | 194 | 6 |
| SL2V | 037103488022 | Carded | 2 | Red | 3 1/2 | 89 | 7 5/8 | 194 | 6 |
| SL3 | 037103486196 | Boxed | 3 | Black | 3 1/2 | 89 | 7 5/8 | 194 | 6 |
| SL3V | 037103486202 | Carded | 3 | Black | 3 1/2 | 89 | 7 5/8 | 194 | 6 |
| SL2LV | 037103488015 | Carded | 2 | Red | 5 1/8 | 130 | 9 1/4 | 235 | 6 |

Clutch head type

- Furnished in type “G” design
- Amber handles



| Cat No. | UPC No. | Packed | Inch | Inch | mm | Inch mm | | Inch mm | | Shelf Pack |
|---------|--------------|--------|------|------|----|---------|-----|---------|-----|------------|
| G5324 | 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 snap in and out easily and are held firmly in perfect alignment by patented spring lock
- Blades and handle may be purchased separately

Handle



| Cat No. | UPC No. | Packed | Description | Inch x Inch | | mm x mm | Shelf Pack |
|---------|--------------|--------|-------------------------------|-------------|-------|----------|------------|
| 25 | 037103481337 | Boxed | Series 99® screwdriver handle | 1 1/8 | 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 | Inch | mm | Description | Inch | mm | Shelf Pack |
|---------|--------------|--------|----------------|----|---|----------------|-----|------------|
| RB1 | 037103485793 | Boxed | $\frac{3}{16}$ | 5 | No. 1 Phillips – $\frac{3}{16}$ " slotted | $6\frac{1}{4}$ | 159 | 6 |
| RB2 | 037103485809 | Boxed | $\frac{1}{4}$ | 6 | No. 2 Phillips – $\frac{1}{4}$ " slotted | $6\frac{1}{4}$ | 159 | 6 |
| RB3 | 037103485816 | Boxed | $\frac{5}{16}$ | 8 | No. 3 Phillips – $\frac{5}{16}$ " slotted | $6\frac{1}{4}$ | 159 | 6 |

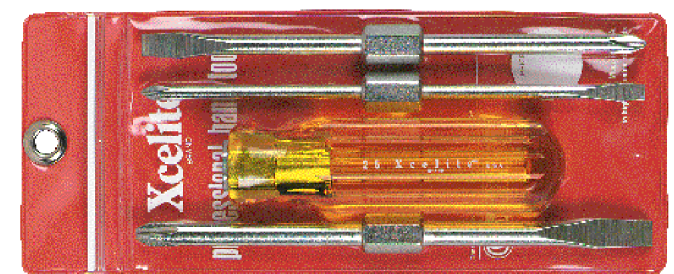
Combination reversible blades and handles



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

| Cat No. | UPC No. | Packed | Description | Inch | mm | Shelf Pack |
|---------|--------------|--------|---------------------------|----------------|--------|------------|
| CR1 | 037103483904 | Boxed | No. 25 handle & RB1 blade | $7\frac{1}{4}$ | 184.15 | 6 |
| CR1V | 037103483911 | Carded | No. 25 handle & RB1 blade | $7\frac{1}{4}$ | 184.15 | 6 |
| CR2 | 037103483928 | Boxed | No. 25 handle & RB2 blade | $7\frac{1}{4}$ | 184.15 | 6 |
| CR2V | 037103483935 | Carded | No. 25 handle & RB2 blade | $7\frac{1}{4}$ | 184.15 | 6 |

Plastic view kit



- Zipper case

CK23

| Cat No. | UPC No. | Description | Shelf Pack |
|---------|--------------|--|------------|
| CK20 | 037103483881 | Zipper case with RB1, RB2 blades and No. 25 handle | 6 |
| CK23 | 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 |
|---------|--------------|---|------------|
| CK3 | 037103483874 | Contains RB1, RB2 and RB3 blades with No. 25 handle | 6 |

Xcelite®

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 ($\frac{7}{16}$ in. and $\frac{1}{4}$ in.)



| Cat No. | UPC No. | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------------|------------|
| 600 | 037103483690 | Boxed | 4-way pocket tool | 6 |
| 600V | 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 ($\frac{3}{16}$ in. and $\frac{1}{4}$ in. slotted tips and Xcelite® Catalog No. 1 and 2 Phillips)



| Cat No. | UPC No. | Packed | Description | Shelf Pack |
|---------|--------------|--------|----------------------------------|------------|
| FSD1 | 037103487537 | Boxed | Four-in-one screwdriver complete | 6 |
| FSD1V | 037103487605 | Carded | Four-in-one screwdriver complete | 6 |

Two-in-one screwdriver



- $\frac{3}{16}$ in. slotted tip end and Xcelite® Catalog No. 1 Phillips
- Stubby handle

| Cat No. | UPC No. | Packed | Description | Shelf Pack |
|---------|--------------|--------|---------------------------------|------------|
| TSD1V | 037103487612 | Carded | Two-in-one screwdriver complete | 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 28, 29 and 30

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 |  Inch | Depth of hole |  Inch |  mm |  Inch |  mm | Shelf Pack |
|---------|--------------|--------|------------|--|------------------|---|--|--|--|------------|
| 6 | 037103481054 | Boxed | Black | $\frac{3}{16}$ | $1\frac{1}{8}$ " | 3 | 76 | $6\frac{1}{8}$ | 156 | 6 |
| 6V | 037103481078 | Carded | Black | $\frac{3}{16}$ | $1\frac{1}{8}$ " | 3 | 76 | $6\frac{1}{8}$ | 156 | 6 |
| 7 | 037103481085 | Boxed | Brown | $\frac{7}{32}$ | $1\frac{1}{8}$ " | 3 | 76 | $6\frac{1}{8}$ | 156 | 6 |
| 7V | 037103487018 | Carded | Brown | $\frac{7}{32}$ | $1\frac{1}{8}$ " | 3 | 76 | $6\frac{1}{8}$ | 156 | 6 |
| 8 | 037103481108 | Boxed | Red | $\frac{1}{4}$ | $1\frac{1}{8}$ " | 3 | 76 | $6\frac{1}{8}$ | 156 | 6 |
| 8V | 037103481146 | Carded | Red | $\frac{1}{4}$ | $1\frac{1}{8}$ " | 3 | 76 | $6\frac{1}{8}$ | 156 | 6 |
| 9 | 037103481153 | Boxed | Orange | $\frac{9}{32}$ | $1\frac{1}{8}$ " | 3 | 76 | $6\frac{1}{8}$ | 156 | 6 |
| 9V | 037103486868 | Carded | Orange | $\frac{9}{32}$ | $1\frac{1}{8}$ " | 3 | 76 | $6\frac{1}{8}$ | 156 | 6 |
| 10 | 037103481177 | Boxed | Amber | $\frac{5}{16}$ | $1\frac{1}{8}$ " | 3 | 76 | $6\frac{1}{8}$ | 156 | 6 |
| 10V | 037103481214 | Carded | Amber | $\frac{5}{16}$ | $1\frac{1}{8}$ " | 3 | 76 | $6\frac{1}{8}$ | 156 | 6 |
| 11 | 037103481221 | Boxed | Green | $\frac{11}{32}$ | $1\frac{1}{8}$ " | 3 | 76 | $6\frac{1}{8}$ | 156 | 6 |
| 11V | 037103481245 | Carded | Green | $\frac{11}{32}$ | $1\frac{1}{8}$ " | 3 | 76 | $6\frac{1}{8}$ | 156 | 6 |
| 12 | 037103481252 | Boxed | Blue | $\frac{3}{8}$ | $1\frac{1}{8}$ " | 3 | 76 | $6\frac{1}{8}$ | 156 | 6 |
| 12V | 037103481276 | Carded | Blue | $\frac{3}{8}$ | $1\frac{1}{8}$ " | 3 | 76 | $6\frac{1}{8}$ | 156 | 6 |
| 14 | 037103481290 | Boxed | Brown | $\frac{7}{16}$ | $1\frac{7}{8}$ " | $2\frac{7}{8}$ | 73 | 7 | 178 | 6 |
| 14V | 037103481306 | Carded | Brown | $\frac{7}{16}$ | $1\frac{7}{8}$ " | $2\frac{7}{8}$ | 73 | 7 | 178 | 6 |
| 16 | 037103481313 | Boxed | Red | $\frac{1}{2}$ | $1\frac{7}{8}$ " | $2\frac{7}{8}$ | 73 | 7 | 178 | 6 |
| 16V | 037103481320 | Carded | Red | $\frac{1}{2}$ | $1\frac{7}{8}$ " | $2\frac{7}{8}$ | 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 |  Inch | Depth of hole |  Inch |  mm |  Inch |  mm | Shelf Pack |
|---------|--------------|--------|------------|--|---------------|--|--|--|--|------------|
| HS6 | 037103484031 | Boxed | Black | 3/16 | 6" | 3 1/8 | 79 | 6 1/4 | 159 | 6 |
| HS6V | 037103484048 | Carded | Black | 3/16 | 6" | 3 1/8 | 79 | 6 1/4 | 159 | 6 |
| HS7 | 037103484055 | Boxed | Brown | 7/32 | 6" | 3 1/8 | 79 | 6 1/4 | 159 | 6 |
| HS7V | 037103490278 | Carded | Brown | 7/32 | 6" | 3 1/8 | 79 | 6 1/4 | 159 | 6 |
| HS8 | 037103484062 | Boxed | Red | 1/4 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS8V | 037103484079 | Carded | Red | 1/4 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS9 | 037103484086 | Boxed | Orange | 9/32 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS9V | 037103488657 | Carded | Orange | 9/32 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS10 | 037103484093 | Boxed | Amber | 5/16 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS10V | 037103484109 | Carded | Amber | 5/16 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS11 | 037103484116 | Boxed | Green | 11/32 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS11V | 037103484123 | Carded | Green | 11/32 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS12 | 037103484130 | Boxed | Blue | 3/8 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS12V | 037103484147 | Carded | Blue | 3/8 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS14 | 037103484154 | Boxed | Brown | 7/16 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS14V | 037103484161 | Carded | Brown | 7/16 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS16 | 037103484178 | Boxed | Red | 1/2 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS16V | 037103484185 | Carded | Red | 1/2 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS18 | 037103484192 | Boxed | Orange | 9/16 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |
| HS18V | 037103484208 | Carded | Orange | 9/16 | 7" | 3 1/8 | 79 | 7 1/4 | 184 | 6 |

Xcelite®

Extra long – 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 |  Inch | Depth of hole |  Inch |  mm |  Inch |  mm | Shelf Pack |
|---------|--------------|--------|------------|--|-------------------|--|--|--|--|------------|
| L6 | 037103483713 | Boxed | Black | $\frac{3}{16}$ | 8 $\frac{3}{4}$ " | 6 | 152 | 9 $\frac{1}{8}$ | 232 | 6 |
| L8 | 037103483720 | Boxed | Red | $\frac{1}{4}$ | 9 $\frac{3}{4}$ " | 6 | 152 | 10 $\frac{1}{8}$ | 257 | 6 |
| L8V | 037103483751 | Carded | Red | $\frac{1}{4}$ | 9 $\frac{3}{4}$ " | 6 | 152 | 10 $\frac{1}{8}$ | 257 | 6 |
| L10 | 037103483768 | Boxed | Amber | $\frac{5}{16}$ | 9 $\frac{3}{4}$ " | 6 | 152 | 10 $\frac{1}{8}$ | 257 | 6 |
| L10V | 037103483799 | Carded | Amber | $\frac{5}{16}$ | 9 $\frac{3}{4}$ " | 6 | 152 | 10 $\frac{1}{8}$ | 257 | 6 |
| L11 | 037103483805 | Boxed | Green | $\frac{11}{32}$ | 9 $\frac{3}{4}$ " | 6 | 152 | 10 $\frac{1}{8}$ | 257 | 6 |
| L12 | 037103483829 | Boxed | Blue | $\frac{3}{8}$ | 9 $\frac{3}{4}$ " | 6 | 152 | 10 $\frac{1}{8}$ | 257 | 6 |
| L12V | 037103483836 | Carded | Blue | $\frac{3}{8}$ | 9 $\frac{3}{4}$ " | 6 | 152 | 10 $\frac{1}{8}$ | 257 | 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 |  mm | Depth of hole mm |  mm |  mm | Thread diameter cap screws Hex head mm | Hex nuts mm | Shelf Pack |
|---------|--------------|--------|--|------------------|--|--|--|-------------|------------|
| 4MM | 037103481009 | Boxed | 4 | 29 | 76 | 156 | -- | 2 | 6 |
| 45MM | 037103481016 | Boxed | 4.5 | 29 | 76 | 156 | -- | 2.3 | 6 |
| 5MM | 037103481030 | Boxed | 5 | 29 | 76 | 156 | 2.6 | 2.6 | 6 |
| 55MM | 037103481047 | Boxed | 5.5 | 29 | 76 | 156 | 3 | 3 | 6 |
| 6MM | 037103481061 | Boxed | 6 | 29 | 76 | 156 | 3.5 | 3.5 | 6 |
| 7MM | 037103481092 | Boxed | 7 | 29 | 76 | 156 | 4 | 4 | 6 |
| 8MM | 037103481122 | Boxed | 8 | 29 | 76 | 156 | 5 | 5 | 6 |
| 9MM | 037103481160 | Boxed | 9 | 29 | 76 | 156 | 5 | 5 | 6 |
| 10MM | 037103481191 | Boxed | 10 | 48 | 73 | 178 | 6 | 6 | 6 |
| 11MM | 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 |  mm | Depth of hole mm |  Inch |  mm |  Inch |  mm | Shelf Pack |
|---------|--------------|--------|------------|--|------------------|---|--|--|--|------------|
| 12MM | 037103481269 | Boxed | Black | 12 | 178 | -- | 79 | -- | 184 | 6 |
| 13MM | 037103481283 | Boxed | Black | 13 | 178 | -- | 79 | -- | 184 | 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 in. and 5/16 in. magnetic fixed handle
- Comfortable contoured handle provides adequate torque for 1-hand driving

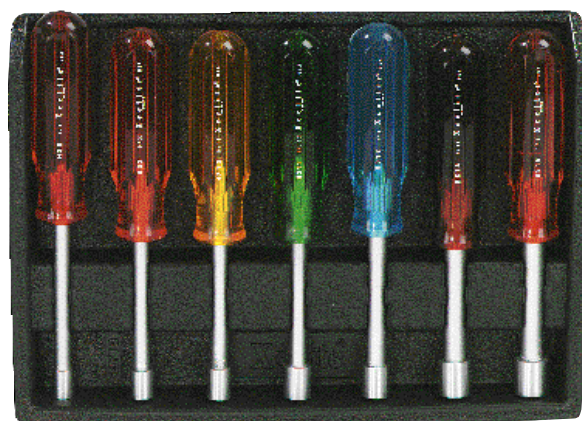


| Cat No. | UPC No. | Packed | Handle color |  Inch | Depth of hole |  Inch |  mm |  Inch |  mm | Shelf Pack |
|---------|--------------|--------|--------------|--|---------------|--|--|--|--|------------|
| 8M | 037103481115 | Boxed | Red | 1/4 | -- | 3 | 76 | 6 1/8 | 156 | 6 |
| 8MV | 037103481139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

Xcelite®

Color coded nutdriver sets "Tray bien"

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



| Cat No. | UPC No. | Description | Shelf Pack |
|---------|--------------|---|------------|
| 127TB | 037103483621 | Contains solid shaft No's. 6, 7, 8, 9, 10, 11 and 12 | 1 |
| 147TB | 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 |
|---------|--------------|--|------------|
| 157 | 037103483652 | Contains 7 pieces, all regular drilled shaft No's. 6, 8, 10, 11, 12, 14 and 16 | 1 |
| 177 | 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 |
|---------|--------------|---|------------|
| HS618 | 037103484215 | Inch sizes - Contains hollow shaft No's. HS6, HS7, HS8, HS9, HS10, HS11, HS12, HS14, HS16, and HS18 | 1 |
| 413MM | 037103481023 | Metric sizes - 10 piece set of nutdrivers: 4MM through 8MM, 10MM, 11MM, 13MM. 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 midjet drivers to provide larger gripping surface, extended reach and increased driving power
- Sets housed in attractive easy 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





Xcelite®

| Cat No. | UPC No. | Packed | Handle color | Inch  | mm | Inch  | mm | Shelf Pack |
|---------|--------------|--------|---------------------|--|----|--|----|------------|
| PS88 | 037103485236 | Boxed | Complete set | | | | | 3 |
| PS88V | 037103485243 | Carded | Complete set carded | | | | 3 | |
| P3321 | 037103485052 | -- | Green | $\frac{3}{32}$ | -- | $3\frac{1}{2}$ | 89 | 12 |
| P181 | 037103485021 | -- | Red | $\frac{1}{8}$ | -- | $3\frac{1}{2}$ | 89 | 12 |
| P5321 | 037103485069 | -- | Black | $\frac{5}{32}$ | -- | $3\frac{1}{2}$ | 89 | 12 |
| P3161 | 037103485045 | -- | Orange | $\frac{3}{16}$ | -- | $3\frac{1}{2}$ | 89 | 12 |
| P141 | 037103485014 | -- | Amber | $\frac{1}{4}$ | -- | $3\frac{1}{2}$ | 89 | 12 |
| P0 | 037103484710 | -- | Blue | 0 Phillips | -- | $3\frac{1}{2}$ | 89 | 12 |
| P1 | 037103484727 | -- | Brown | 1 Phillips | -- | $3\frac{1}{2}$ | 89 | 12 |
| P2 | 037103484734 | -- | Amber | 2 Phillips | -- | $3\frac{1}{2}$ | 89 | 12 |
| TA2 | 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 |  Inch |  Inch | mm | Shelf Pack |
|---------------------|--------------|--------|--------------|--|--|----|------------|
| PS7 | 037103485199 | Boxed | Complete set | | | | 3 |
| Screwdrivers | | | | | | | |
| P3161 | 037103485045 | -- | Orange | $\frac{3}{16}$ | $3\frac{1}{2}$ | 89 | 12 |
| P3321 | 037103485052 | -- | Green | $\frac{3}{32}$ | $3\frac{1}{2}$ | 89 | 12 |
| P0 | 037103484710 | -- | Blue | 0 Phillips | $3\frac{1}{2}$ | 89 | 12 |
| P1 | 037103484727 | -- | Brown | 1 Phillips | $3\frac{1}{2}$ | 89 | 12 |
| Nutdrivers | | | | | | | |
| P8 | 037103484796 | -- | Red | $\frac{1}{4}$ | $3\frac{1}{2}$ | 89 | 12 |
| P10 | 037103484826 | -- | Amber | $\frac{5}{16}$ | $3\frac{1}{2}$ | 89 | 12 |
| TA2 | 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 |  Inch |  Inch | mm | Shelf Pack |
|---------|--------------|--------|---------------------|--|--|----|------------|
| PS120 | 037103485281 | Boxed | Complete set | | | | 3 |
| PS120V | 037103485298 | Carded | Complete set carded | | | | 3 |
| P3 | 037103484741 | -- | Blue | $\frac{3}{32}$ | $3\frac{1}{2}$ | 89 | 12 |
| P4 | 037103484758 | -- | Red | $\frac{1}{8}$ | $3\frac{1}{2}$ | 89 | 12 |
| P5 | 037103484765 | -- | Amber | $\frac{5}{32}$ | $3\frac{1}{2}$ | 89 | 12 |
| P6 | 037103484772 | -- | Black | $\frac{3}{16}$ | $3\frac{1}{2}$ | 89 | 12 |
| P7 | 037103484789 | -- | Brown | $\frac{7}{32}$ | $3\frac{1}{2}$ | 89 | 12 |
| P8 | 037103484796 | -- | Red | $\frac{1}{4}$ | $3\frac{1}{2}$ | 89 | 12 |
| P9 | 037103484819 | -- | Orange | $\frac{9}{32}$ | $3\frac{1}{2}$ | 89 | 12 |
| P10 | 037103484826 | -- | Amber | $\frac{5}{16}$ | $3\frac{1}{2}$ | 89 | 12 |
| P11 | 037103484833 | -- | Green | $\frac{11}{32}$ | $3\frac{1}{2}$ | 89 | 12 |
| P12 | 037103484840 | -- | Blue | $\frac{3}{8}$ | $3\frac{1}{2}$ | 89 | 12 |
| TA2 | 037103486240 | -- | Black | Torque amplifier handle | | | 3 |

PS121MM 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 | mm | mm | Shelf Pack |
|---------|--------------|--------|-------------------------|----|------------|
| PS121MM | 037103485304 | Boxed | Complete set | | 3 |
| P3MM | 037103485076 | -- | 3 | 89 | 12 |
| P35MM | 037103485083 | -- | 3.5 | 89 | 12 |
| P4MM | 037103485090 | -- | 4 | 89 | 12 |
| P45MM | 037103485106 | -- | 4.5 | 89 | 12 |
| P5MM | 037103485113 | -- | 5 | 89 | 12 |
| P55MM | 037103485120 | -- | 5.5 | 89 | 12 |
| P6MM | 037103485137 | -- | 6 | 89 | 12 |
| P7MM | 037103485144 | -- | 7 | 89 | 12 |
| P8MM | 037103485151 | -- | 8 | 89 | 12 |
| P10MM | 037103485168 | -- | 10 | 89 | 12 |
| TA2 | 037103486240 | -- | Torque amplifier handle | | 3 |

Xcelite®

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 |  Inch |  Inch | Shelf Pack |
|---------------------|--------------|--------|---------------------|--|--|------------|
| PS130 | 037103485311 | Boxed | Complete set | | | 3 |
| PS130V | 037103485328 | Carded | Complete set carded | | | 3 |
| Screwdrivers | | | | | | |
| P1 | 037103484727 | -- | Brown | 1 Phillips | -- | 12 |
| P2 | 037103484734 | -- | Amber | 2 Phillips | -- | 12 |
| P181 | 037103485021 | -- | Red | $\frac{1}{8}$ | -- | 12 |
| P3161 | 037103485045 | -- | Orange | $\frac{3}{16}$ | -- | 12 |
| P141 | 037103485014 | -- | Amber | $\frac{1}{4}$ | -- | 12 |
| Nutdrivers | | | | | | |
| P6 | 037103484772 | -- | Black | -- | $\frac{3}{16}$ | 12 |
| P8 | 037103484796 | -- | Red | -- | $\frac{1}{4}$ | 12 |
| P10 | 037103484826 | -- | Amber | -- | $\frac{5}{16}$ | 12 |
| P11 | 037103484833 | -- | Green | -- | $\frac{11}{32}$ | 12 |
| P12 | 037103484840 | -- | Blue | -- | $\frac{3}{8}$ | 12 |
| TA2 | 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 |  Inch | Inch  | mm | Shelf Pack |
|---------|--------------|--------|--|--|----|------------|
| PS89 | 037103485250 | Boxed | Complete set | | | 3 |
| PS89V | 037103485267 | Carded | Complete set carded | | | 3 |
| P18 | 037103484871 | -- | .028 | 3 1/2 | 89 | 12 |
| P19 | 037103484888 | -- | .035 | 3 1/2 | 89 | 12 |
| P20 | 037103484895 | -- | .050 | 3 1/2 | 89 | 12 |
| P21 | 037103484901 | -- | 1/16 | 3 1/2 | 89 | 12 |
| P22 | 037103484918 | -- | 5/64 | 3 1/2 | 89 | 12 |
| P23 | 037103484925 | -- | 3/32 | 3 1/2 | 89 | 12 |
| P764 | 037103485038 | -- | 7/64 | 3 1/2 | 89 | 12 |
| P24 | 037103484932 | -- | 1/8 | 3 1/2 | 89 | 12 |
| TA2 | 037103486240 | -- | Torque amplifier handle | | | 3 |

Xcelite®

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 |  mm | mm  | Shelf Pack |
|---------|--------------|--------|--|--|------------|
| PS90MM | 037103485274 | Boxed | Complete set | | 3 |
| P78 | 037103485007 | -- | 0.89 | 89 | 12 |
| P71 | 037103484949 | -- | 1.27 | 89 | 12 |
| P72 | 037103485917 | -- | 1.5 | 89 | 12 |
| P73 | 037103484956 | -- | 2.0 | 89 | 12 |
| P74 | 037103484963 | -- | 2.5 | 89 | 12 |
| P75 | 037103484970 | -- | 3.0 | 89 | 12 |
| P76 | 037103484987 | -- | 4.0 | 89 | 12 |
| P77 | 037103484994 | -- | 5.0 | 89 | 12 |
| P78 | 037103485007 | -- | 0.89 | 89 | 12 |
| TA2 | 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) $\frac{7}{8}$ in. X $3\frac{1}{16}$ in./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 |  $\frac{7}{8}$ | Inch | mm |  $\frac{7}{8}$ | Inch | mm |  $\frac{7}{8}$ | Inch | mm | Shelf Pack |
|---------|--------------|--------|--------------|---|---------------|----|--|---------------|----|---|---------------|----|------------|
| M60 | 037103484680 | Boxed | -- | Complete set | | | | | | | | | 6 |
| M60V | 037103484697 | Carded | -- | Complete set carded | | | | | | | | | 6 |
| M00 | 037103490650 | -- | Blue | 00 Phillips | $\frac{7}{8}$ | 22 | $2\frac{1}{8}$ | $\frac{7}{8}$ | 22 | $2\frac{1}{8}$ | $\frac{7}{8}$ | 54 | 6 |
| M01 | 037103490667 | -- | Amber | .04 | 1 | 22 | $2\frac{1}{8}$ | $\frac{7}{8}$ | 22 | $2\frac{1}{8}$ | $\frac{7}{8}$ | 54 | 6 |
| M02 | 037103490674 | -- | Orange | .055 | 1 | 22 | $2\frac{1}{8}$ | $\frac{7}{8}$ | 22 | $2\frac{1}{8}$ | $\frac{7}{8}$ | 54 | 6 |
| M03 | 037103490681 | -- | Brown | .07 | 2 | 22 | $2\frac{1}{8}$ | $\frac{7}{8}$ | 22 | $2\frac{1}{8}$ | $\frac{7}{8}$ | 54 | 6 |
| M04 | 037103490698 | -- | Red | .08 | 2 | 22 | $2\frac{1}{8}$ | $\frac{7}{8}$ | 22 | $2\frac{1}{8}$ | $\frac{7}{8}$ | 54 | 6 |
| M05 | 037103490704 | -- | Green | .10 | 3 | 22 | $2\frac{1}{8}$ | $\frac{7}{8}$ | 22 | $2\frac{1}{8}$ | $\frac{7}{8}$ | 54 | 6 |
| M06 | 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 |  $\frac{7}{8}$ | Inch x Inch | mm x mm | Shelf Pack |
|---------|--------------|--------|-------------|-------|---|----------------------------------|----------|------------|
| 991 | 037103482532 | Boxed | Regular | Amber | $1\frac{3}{16}$ x $4\frac{1}{8}$ | $1\frac{3}{16}$ x $4\frac{1}{8}$ | 30 x 105 | 6 |
| 991V | 037103482549 | Carded | Regular | Amber | $1\frac{3}{16}$ x $4\frac{1}{8}$ | $1\frac{3}{16}$ x $4\frac{1}{8}$ | 30 x 105 | 6 |
| 992 | 037103482570 | Boxed | Junior | Amber | $1\frac{1}{16}$ x $3\frac{1}{8}$ | $1\frac{1}{16}$ x $3\frac{1}{8}$ | 27 x 79 | 6 |
| 992V | 037103482587 | Carded | Junior | Amber | $1\frac{1}{16}$ x $3\frac{1}{8}$ | $1\frac{1}{16}$ x $3\frac{1}{8}$ | 27 x 79 | 6 |
| 993 | 037103482594 | Boxed | Stubby | Amber | $1\frac{3}{16}$ x 2 | $1\frac{3}{16}$ x 2 | 30 x 51 | 6 |
| 993V | 037103487025 | Carded | Stubby | Amber | $1\frac{3}{16}$ x 2 | $1\frac{3}{16}$ x 2 | 30 x 51 | 6 |
| 994 | 037103482600 | Boxed | Tee | Black | $3\frac{1}{2}$ x $1\frac{5}{8}$ | $3\frac{1}{2}$ x $1\frac{5}{8}$ | 89 x 41 | 6 |
| 994V | 037103482655 | Carded | Tee | Black | $3\frac{1}{2}$ x $1\frac{5}{8}$ | $3\frac{1}{2}$ x $1\frac{5}{8}$ | 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




Xcelite®

| Cat No. | UPC No. | Packed | Inch | Approximate working length | | Shelf Pack |
|---------|--------------|--------|-------------------------------|-------------------------------|-----|------------|
| | | | | Inch | mm | |
| 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 |
| 99S8V | 037103487032 | Carded | 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 |
| 99S10V | 037103487049 | Carded | 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 |
| 99S12V | 037103487056 | Carded | 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 |  Inch | Approximate working length | | Shelf Pack |
|---------|--------------|--------|---|-------------------------------|----|------------|
| | | | | Inch | mm | |
| 998M | 037103482754 | Boxed | 1/4 | 3 ⁵ / ₈ | 92 | 6 |
| 998MV | 037103482778 | Carded | 1/4 | 3 ⁵ / ₈ | 92 | 6 |
| 9910M | 037103482945 | Boxed | 5/16 | 3 ⁵ / ₈ | 92 | 6 |
| 9910MV | 037103482952 | Carded | 5/16 | 3 ⁵ / ₈ | 92 | 6 |

Nutdrivers — Metric sizes




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

Magnetic


| | | | | | | |
|--------|--------------|-------|---|----|----|---|
| 997MMM | 037103003898 | Boxed | 7 | -- | 92 | 6 |
| 998MMM | 037103003904 | Boxed | 8 | -- | 92 | 6 |

Slotted screwdrivers



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

**Phillips**

| Cat No. | UPC No. | Packed |  | Approximate working length | | Shelf Pack | |
|---------|--------------|--------|---|----------------------------|------|------------|----|
| | | | Inch | mm | 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****Xcelite®**


| 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 |  | Approximate working length | | Shelf Pack |
|---------|--------------|--------|---|----------------------------|-----|------------|
| | | | Inch | Inch | mm | |
| 9920 | 037103482969 | Boxed | .050 | 4 | 102 | 6 |
| 9921 | 037103482983 | Boxed | $\frac{1}{16}$ | 4 | 102 | 6 |
| 9922 | 037103483003 | Boxed | $\frac{5}{64}$ | 4 | 102 | 6 |
| 9923 | 037103483027 | Boxed | $\frac{3}{32}$ | 4 | 102 | 6 |
| 99764 | 037103483102 | Boxed | $\frac{7}{64}$ | 4 | 102 | 6 |
| 9924 | 037103483041 | Boxed | $\frac{1}{8}$ | 4 | 102 | 6 |
| 99964 | 037103483119 | Boxed | $\frac{9}{64}$ | 4 | 102 | 6 |
| 9925 | 037103483065 | Boxed | $\frac{5}{32}$ | 4 | 102 | 6 |
| 9926 | 037103483089 | Boxed | $\frac{3}{16}$ | 4 | 102 | 6 |


Screwdrivers – Allen hex socket type — Metric sizes



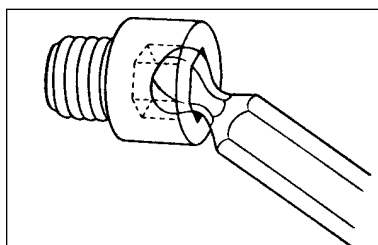
| Cat No. | UPC No. | Packed |  mm | Approximate working length | | Shelf Pack |
|---------|--------------|--------|---|----------------------------|-----|------------|
| | | | | Inch | mm | |
| 9971MM | 037103483232 | Boxed | 1.27 | -- | 102 | 6 |
| 9972MM | 037103483249 | Boxed | 1.5 | -- | 102 | 6 |
| 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 |  Inch | Approximate working length | | Shelf Pack |
|---------|--------------|--------|---|----------------------------|-----|------------|
| | | | | Inch | mm | |
| 9920BP | 037103482976 | Boxed | .050 | 4 | 102 | 6 |
| 9921BP | 037103482990 | Boxed | $\frac{1}{16}$ | 4 | 102 | 6 |
| 9922BP | 037103483010 | Boxed | $\frac{5}{64}$ | 4 | 102 | 6 |
| 9923BP | 037103483034 | Boxed | $\frac{3}{32}$ | 4 | 102 | 6 |
| 99764BP | 037103483430 | Boxed | $\frac{7}{64}$ | 4 | 102 | 6 |
| 9924BP | 037103483058 | Boxed | $\frac{1}{8}$ | 4 | 102 | 6 |
| 99964BP | 037103483553 | Boxed | $\frac{9}{64}$ | 4 | 102 | 6 |
| 9925BP | 037103483072 | Boxed | $\frac{5}{32}$ | 4 | 102 | 6 |
| 9926BP | 037103483096 | Boxed | $\frac{3}{16}$ | 4 | 102 | 6 |

Screwdrivers – ballpoint Allen hex socket type Metric sizes




| Cat No. | UPC No. | Packed |  mm | Approximate working length | | Shelf Pack |
|----------|--------------|--------|---|----------------------------|-----|------------|
| | | | | Inch | mm | |
| 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 | Inch  | | 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 |
| 9968 | 037103483218 | Boxed | | 0.145 | 3.68 | 4 | 102 | 6 |
| 9969 | 037103493224 | Boxed | | 0.183 | 4.65 | 4 | 102 | 6 |



Screwdrivers - clutch head



Xcelite®

| Cat No. | UPC No. | Packed | Inch  | Approximate working length | | Shelf Pack |
|---------|--------------|--------|--|----------------------------|-----|------------|
| | | | | Inch | mm | |
| 99G316 | 037103482204 | Boxed | $\frac{3}{16}$ | 4 | 102 | 6 |
| 99G532 | 037103482211 | Boxed | $\frac{5}{32}$ | 4 | 102 | 6 |



Screwdrivers - Scrulox



| Cat No. | UPC No. | Packed | Description | Approximate working length | | Shelf Pack |
|---------|--------------|--------|-------------|----------------------------|-----|------------|
| | | | | Inch | mm | |
| 99SL0 | 037103482433 | Boxed | No. 0 | 4 | 102 | 6 |
| 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 – 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 |

Torx® is the trademark of Camcar Division of Textron Incorporated

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 |

Torx® is the trademark of Camcar Division of Textron Incorporated


Reamer



| Cat No. | UPC No. | Packed |  Inch X Inch | mm X mm | Approximate working length | | Shelf Pack |
|---------|--------------|--------|---|-------------|----------------------------|-----|------------|
| | | | | | 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 | |  | | 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 in. hex chuck



Xcelite®

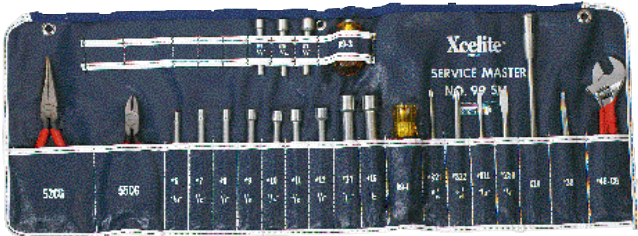
| Cat No. | UPC No. | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------------|------------|
| 99PA | 037103490926 | Boxed | Power bit adapter | 6 |
| 99PAV | 037103490933 | Carded | Power bit adapter | 6 |

Series 99® service kits

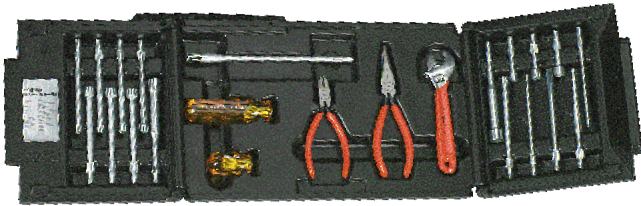
- Series 99® service kits and sets made primarily of various screwdrivers, nutdrivers and other blades that can be used interchangeably in Series 99® handles
- All blades are high quality steel, hardened and tempered for optimum performance
- Plastic handles have patented spring device that holds blades 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

- 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



99SM

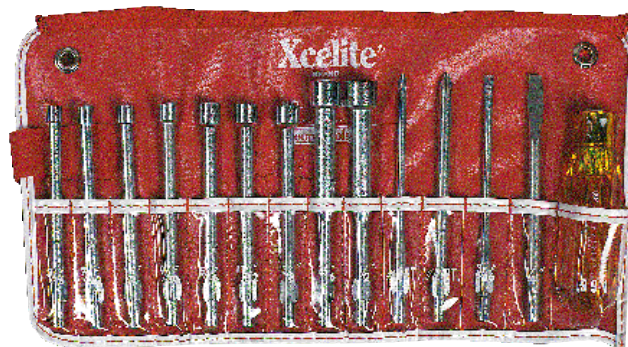


99SMX

| 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 |
|--------------|--------------|--------|------|----|-----------------------|------------|
| 99PR | 037103482266 | Boxed | -- | -- | Complete roll kit | 1 |
| 99K | 037103482228 | Boxed | -- | -- | Canvas case | 1 |
| 991 | 037103482532 | -- | -- | -- | Regular handle | 6 |
| 996 to 9916 | -- | -- | -- | -- | Nutdrivers | -- |
| 99811, 99250 | -- | -- | -- | -- | Slotted screwdrivers | -- |
| 99821, 99822 | -- | -- | -- | -- | Phillips screwdrivers | -- |

Xcelite®

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

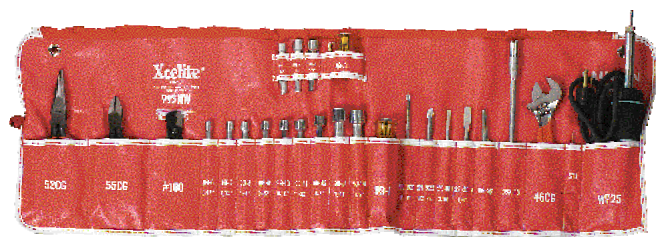


| Cat No. | UPC No. | Packed | Inch | mm | Description | Shelf Pack |
|--|--------------|--------|------------------------------|----|-------------------------------|------------|
| 99SPC | 037103490940 | Boxed | -- | -- | Complete kit | 1 |
| 99820 | 037103483461 | -- | -- | -- | #0 Phillips screwdriver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

Torx® is the trademark of Camcar Division of Textron Incorporated

99SMW and 99SMWX Service kits

- 26-piece kit contains handles and interchangeable screwdrivers, nutdrivers and other blades, plus wire stripper with cutter and Weller® soldering iron
- Available in a durable, roll-up plastic coated canvas case.



99SMW

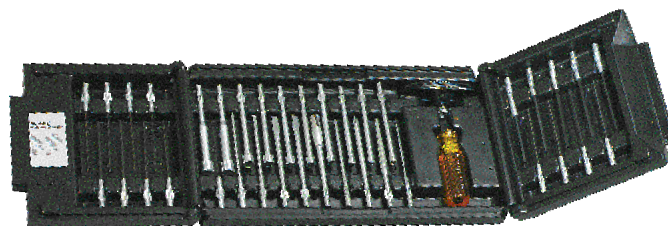
| Cat No. | UPC No. | Packed | Inch | mm | Description | Shelf Pack |
|--------------------|--------------|--------|------|-----|--|------------|
| 99SMW | 037103486844 | Boxed | -- | -- | Complete kit | 1 |
| 99SMWK | 037103486851 | Boxed | -- | -- | Canvas case | 1 |
| WP25 | 037103593597 | -- | -- | -- | Soldering iron | 6 |
| ST3 | 037103472519 | -- | -- | -- | Tip | 10 |
| 100X | 037103483560 | -- | -- | -- | Wire stripper and cutter | 6 |
| 52CGV | 037103481559 | -- | 6 | 152 | Long nose cushion grip plier | 6 |
| 55CG | 037103481603 | -- | 5 | 127 | Diagonal cushion grip pliers | 6 |
| 46CG | 037103481467 | -- | 6 | 152 | Thin-pattern cushion grip pliers adjustable wrench | 6 |
| 991 | 037103482532 | -- | -- | -- | Regular handle | 6 |
| 993 | 037103482594 | -- | -- | -- | Stubby handle | 6 |
| 996 to 9916 | -- | -- | -- | -- | Regular nutdriver (9) | -- |
| 99821, 99822 | -- | -- | -- | -- | Phillips screwdrivers | -- |
| 99S8, 99S10, 99S12 | -- | -- | -- | -- | Stubby nutdrivers | -- |
| 99811, 99250 | -- | -- | -- | -- | Slotted screwdrivers | -- |
| 9938 | 037103481320 | -- | -- | -- | Reamer | 6 |
| 99X10 | 037103482525 | -- | -- | -- | Extension | 6 |

99MP & 99MPX Multi-purpose tool kit

- 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



99MP



99MPX

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

Xcelite®

99SL Scrulox screwdriver kit

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




| Cat No. | UPC No. | Packed | Inch | mm | Description | Shelf Pack |
|----------------|--------------|--------|------|----|----------------------|------------|
| 99SL | 037103482426 | Boxed | -- | -- | Complete kit | 1 |
| 991 | 037103482532 | -- | -- | -- | Regular handle | 6 |
| 99SL0, 1, 2, 3 | -- | -- | -- | -- | Scrulox screwdrivers | -- |
| 99250 | 037103483393 | -- | -- | -- | Slotted screwdriver | 6 |

99PA50 Tool kit



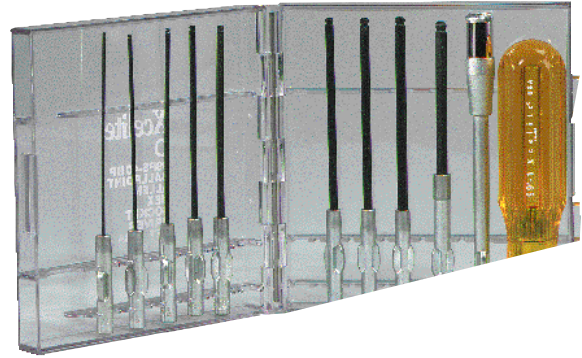
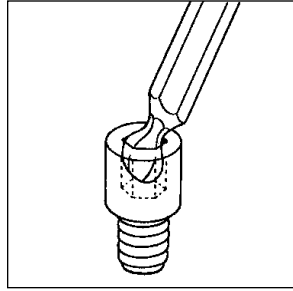
- Series 99® screwdriver and nutdriver set designed for use with cordless rechargeable screwdrivers
- Contains 12 most popular nutdriver and screwdriver sizes together with a power adapter (Xcelite® Catalog No. 99PA)
- Convenient vinyl carrying pouch

| Cat No. | UPC No. | Packed | Description |  Inch | Shelf Pack |
|---------|--------------|--------|------------------------------|---|------------|
| 99PA50 | 037103497299 | Boxed | Complete set | $\frac{3}{16}$ | 6 |
| 99S6 | 037103095039 | -- | Stubby nutdriver | $\frac{7}{32}$ | 6 |
| 99S7 | 037103095046 | -- | Stubby nutdriver | $\frac{7}{32}$ | 6 |
| 99S8 | 037103482396 | -- | Stubby nutdriver | $\frac{1}{4}$ | 6 |
| 99S9 | 037103095053 | -- | Stubby nutdriver | $\frac{9}{32}$ | 6 |
| 99S10 | 037103482402 | -- | Stubby nutdriver | $\frac{5}{16}$ | 6 |
| 99S11 | 037103095060 | -- | Stubby nutdriver | $\frac{11}{32}$ | 6 |
| 99S12 | 037103482419 | -- | Stubby nutdriver | $\frac{3}{8}$ | 6 |
| 99S811 | 037103095077 | -- | Stubby slotted screwdriver | $\frac{3}{16}$ | 6 |
| 99S250 | 037103095084 | -- | Stubby slotted screwdriver | $\frac{1}{4}$ | 6 |
| 99S821 | 037103095091 | -- | Stubby Phillips screwdriver | #1 | 6 |
| 99S822 | 037103095107 | -- | Stubby Phillips screwdriver | #2 | 6 |
| 99PA | 037103490926 | -- | Cordless screwdriver adapter | -- | 6 |

Series 99® compact interchangeable-blade sets


99PS40BP Ballpoint Allen hex socket type screwdriver set

Inch sizes

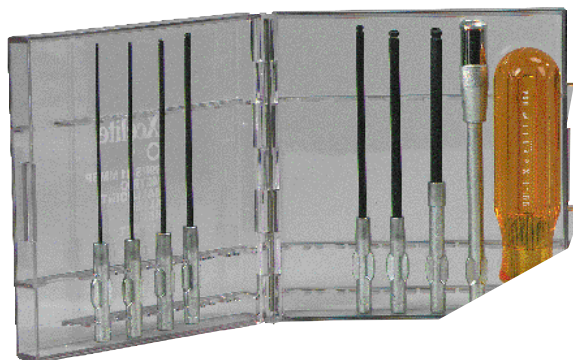


- Unique “ballpoint” tip ideal for tightening and removing Allen socket screws in hard to reach spots or need a quicker way to drive them home
- 9 blades 4 in./101.60mm long, 99X5 extension and regular 991 handle in plastic see-through stand-up case
- Will engage screw head from any angle
- Ends precision-machined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



Xcelite®

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

99PS41MMBP Ballpoint Allen hex socket type screwdriver set Metric sizes



- 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


| Cat No. | UPC No. | Packed |  mm | Inch |  mm | Shelf Pack |
|-------------|--------------|--------|--|------|--|------------|
| 99PS41MMBP | 037103482327 | Boxed | Complete set | -- | -- | 3 |
| 99PS41MMBPV | 037103490605 | Carded | Complete set carded | -- | -- | 3 |
| 99PS71MMBP | 037103483300 | -- | 1.27 | -- | 102 | 6 |
| 99PS72MMBP | 037103483317 | -- | 1.5 | -- | 102 | 6 |
| 99PS73MMBP | 037103483324 | -- | 2.0 | -- | 102 | 6 |
| 99PS74MMBP | 037103483331 | -- | 2.5 | -- | 102 | 6 |
| 99PS75MMBP | 037103483348 | -- | 3.0 | -- | 102 | 6 |
| 99PS76MMBP | 037103483355 | -- | 4.0 | -- | 102 | 6 |
| 99PS77MMBP | 037103483362 | -- | 5.0 | -- | 102 | 6 |
| 991 | 037103482532 | -- | Regular handle | -- | 102 | 6 |
| 99X5 | 037103482501 | -- | Extension | -- | 102 | 6 |

99XTD7 Torx® Screwdriver Blade Kit



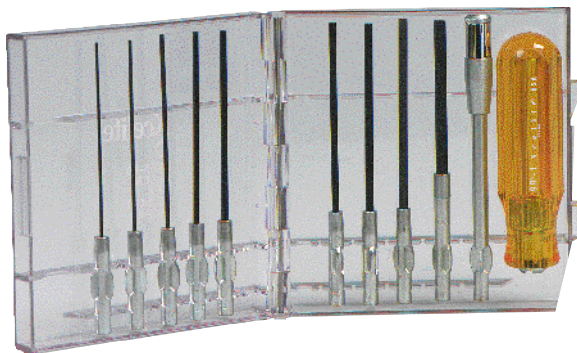
- Interchangeable blades
- Contains 6 blades 4 in./102mm long and regular 99-1 handle
- 102mm approximate working length






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

Torx® is the trademark of Camcar Division of Textron incorporated.

99PS40 Allen hex socket type screwdriver set — Inch sizes



- 11-piece set
- See-through plastic case

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

Xcelite®

99PS41MM Allen hex socket type screwdriver set — Metric sizes

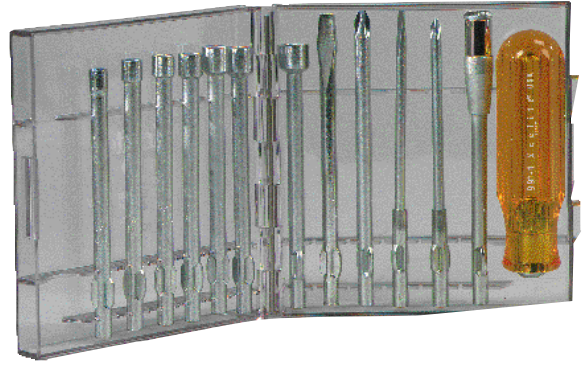




- Compact interchangeable blades
- Fits socket screws shown below
- 99X5 extension adds 102mm in length
- 991 handle 27mm X 105mm in length
- 102mm approximate working length
- Convenient see-through stand-up plastic case

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

99PS50 Screwdriver and nutdriver set — Inch sizes

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

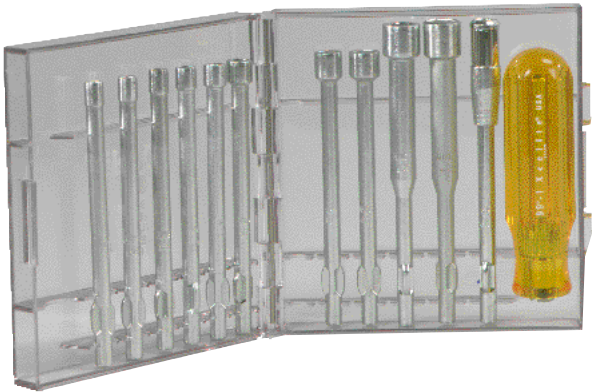


| Cat No. | UPC No. | Packed | Description |  Inch |  Inch | mm | Shelf Pack |
|---------|--------------|--------|----------------------|---|---|-----|------------|
| 99PS50 | 037103482334 | Boxed | Complete set | -- | -- | | 3 |
| 99PS50V | 037103482341 | Carded | Complete set carded | -- | -- | | 3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

Xcelite®

99PS51MM Compact, interchangeable shank, nutdriver set

Metric sizes



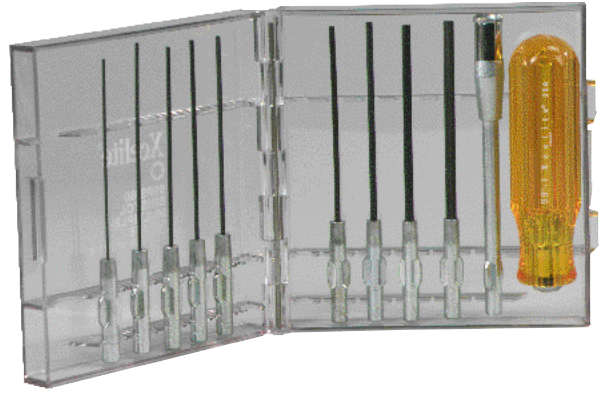
- 12-piece set
- Convenient see-through stand-up plastic case



| 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 |
|-----------|--------------|--------|-----------------------------|--------------------------------------|-----------------------------|-------------|------------|
| 99PS51MM | 037103482358 | Boxed | Complete set | -- | -- | -- | 3 |
| 99PS51MMV | 037103482365 | Carded | Complete set carded | -- | -- | -- | 3 |
| 994MM | 037103482617 | -- | 4 | 92 | -- | 2 | 6 |
| 9945MM | 037103482624 | -- | 4.5 | 92 | -- | 2.3 | 6 |
| 995MM | 037103482662 | -- | 5 | 92 | 2.6 | 2.6 | 6 |
| 9955MM | 037103482679 | -- | 5.5 | 92 | 3 | 3 | 6 |
| 996MM | 037103482686 | -- | 6 | 92 | 3.5 | 3.5 | 6 |
| 997MM | 037103482723 | -- | 7 | 92 | 4 | 4 | 6 |
| 998MM | 037103482761 | -- | 8 | 92 | 5 | 5 | 6 |
| 999MM | 037103482808 | -- | 9 | 92 | -- | -- | 6 |
| 9910MM | 037103482839 | -- | 10 | 102 | 6 | 6 | 6 |
| 9911MM | 037103482860 | -- | 11 | 102 | 7 | 7 | 6 |
| 991 | 037103482532 | -- | Regular handle | 102 | -- | -- | 6 |
| 99X5 | 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 |  Inch | Inch |  mm | Shelf Pack |
|---------|--------------|--------|--|------|--|------------|
| 99PS60 | 037103482372 | Boxed | Complete set | -- | -- | 3 |
| 99PS60V | 037103482389 | Carded | Complete set carded | -- | -- | 3 |
| 9961 | 037103483140 | -- | .048 | 4 | 102 | 6 |
| 9962 | 037103483157 | -- | .060 | 4 | 102 | 6 |
| 9963 | 037103483164 | -- | .069 | 4 | 102 | 6 |
| 9964 | 037103483171 | -- | .072 | 4 | 102 | 6 |
| 9965 | 037103483188 | -- | .076 | 4 | 102 | 6 |
| 9966 | 037103483195 | -- | .096 | 4 | 102 | 6 |
| 9967 | 037103483201 | -- | .111 | 4 | 102 | 6 |
| 9968 | 037103483218 | -- | .145 | 4 | 102 | 6 |
| 9969 | 037103483225 | -- | .183 | 4 | 102 | 6 |
| 991 | 037103482532 | -- | Regular handle | 4 | 102 | 6 |
| 99X5 | 037103482501 | -- | Extension | 4 | 102 | 6 |

Xcelite®

Xcelite® Electronic Assembly Tools

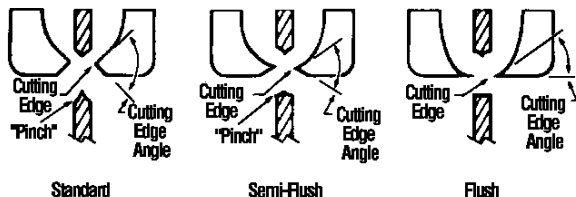
Plier selection information

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

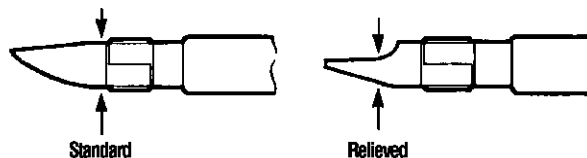
Access to cutting areas can determine the shape and thickness of the cutting head. Tight clearances around the cutting area, the need to reach over in-place components or to work from directly above, and visibility requirements are all factors which will affect your choice of a tool. However, it is important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

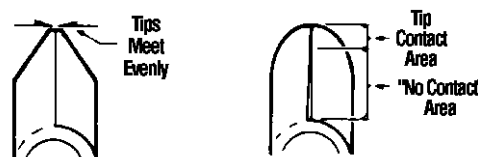


HEAD THICKNESS

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.

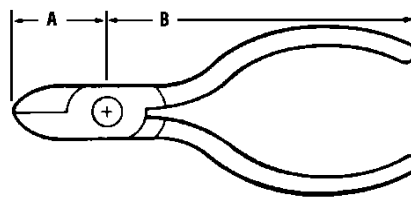


A precision tip interface assures clean cutting of fine wires, while the "no contact" area behind the tips extends cutter life by allowing the tips to continue to meet as they wear.

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 |
|----------------|------------|-----------------|---------------|---|--------------------------------|--------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|
| 840 | | • | | | • | • | | • | |
| 841J | • | | | • | • | • | • | | |
| 841JLPY | • | | | • | • | • | • | | |
| 844J | • | | | • | • | • | • | | |
| EC54J | • | | | | • | • | • | | |
| EGA54J | • | | | | • | • | • | | |
| EMS543J | • | | | | • | • | • | | |
| EMS549J | • | | | | • | • | • | | |
| EMS54 | | • | | | | • | | • | |
| GA54J | • | | | | • | • | • | | |
| LC665J | • | | | | • | • | • | | |
| MS54 | | • | | | | • | | • | |
| MS543J | • | | | | • | • | • | | |
| MS545 | | • | | | | • | | • | |
| MS545J | • | | | | • | • | • | | |
| MS549J | • | | | | • | • | • | | |
| S1415JS | • | | | | • | • | • | | |
| S424JS | • | | | | • | • | • | | |
| S54 | | | • | | | • | | | • |
| S54KS | | • | | | | • | | • | |
| S54S | | • | | | • | | | • | |
| S55 | | | • | | | • | | | • |
| S55KS | | • | | | | • | | • | |
| S55S | | • | | | • | | | • | |
| SN54 | | • | | | | • | | • | |
| SN55 | | • | | | | • | | • | |
| TC55 | | • | | | | • | | • | |

Xcelite®

Copaloy® Electronic Pliers provide the ultimate in precision plier performance

- Manufactured to the highest professional quality
- Easily handles a wide range of electronic assembly requirements
- Features a copper alloy rivet to eliminate steel-to-steel friction
- 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

Proper Use and Care of Hand Tools

WARNING: The cushion grips on handles are provided for comfort. They are NOT intended to give any degree of protection against electric shock and should NOT be used on live electric circuits.

Xcelite® Diagonal Cutting Pliers

FLUSH OR SEMI-FLUSH CUTTING EDGES HANDLE MOST CUTTING REQUIREMENTS

CUTTING EDGES MACHINE GROUND AND ELECTRONICALLY HARDENED FOR EXTENDED LIFE

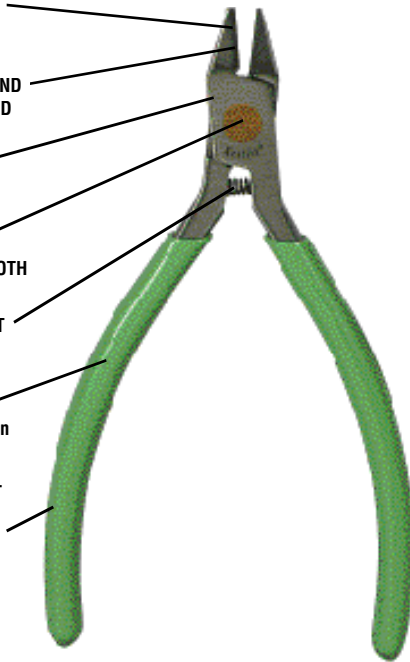
FORGED ALLOY STEEL WITH POLISHED HEAD FOR HIGH DURABILITY

PATENTED COPALOY RIVET CONSTRUCTION PROVIDES 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 A VAILABLE ON MANY MODELS



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.

Copaloy® Pliers Features

- 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.



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

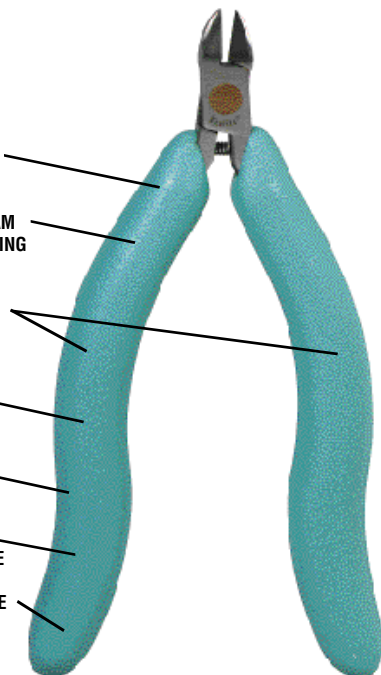
IDENTICALLY FORMED HANDLES ALLOW EITHER RIGHT OR LEFT-HAND USE

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

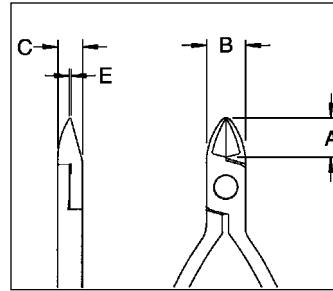


- **Lightweight construction**
- **Extended handle length** allows even application of force from all four fingers.
- **Exclusive, smooth, soft foam cushion grips** are free of abrupt edges and finger indentations.
- **Grip material is non-slip and compressible** to allow positive gripping and to absorb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



Oval head cutter — semi-flush

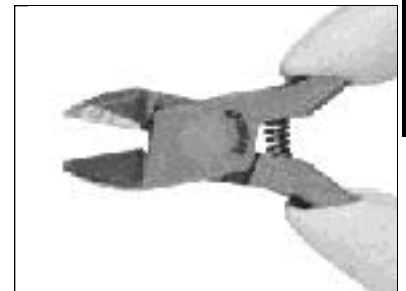
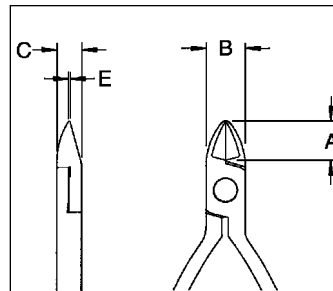
- Diagonal cutting pliers/semi-flush
- General-purpose cutting
- Oval head for long life
- MS54 features green cushion grips



| Cat No. | UPC No. | Packed | \overleftrightarrow{L} | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|--------------------------|-----|-----------------|----|----------------|----|----------------|----|----------------|----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| MS54 | 043127069451 | Boxed | 4 | 100 | $\frac{13}{32}$ | 10 | $\frac{7}{16}$ | 11 | $\frac{9}{32}$ | 7 | $\frac{1}{32}$ | .8 | .78 | 354 | 6 |
| MS54V | 043127085444 | Carded | 4 | 100 | $\frac{13}{32}$ | 10 | $\frac{7}{16}$ | 11 | $\frac{9}{32}$ | 7 | $\frac{1}{32}$ | .8 | .78 | 354 | 6 |

Oval head cutter — flush

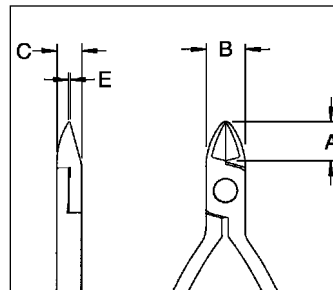
- Oval head diagonal cutter
- Flush cutting
- General use
- MS54J features green cushion grips



| Cat No. | UPC No. | Packed | \overleftrightarrow{L} | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|--------------------------|-----|-----------------|----|----------------|----|----------------|----|----------------|----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| MS54J | 043127160448 | Boxed | 4 | 100 | $\frac{13}{32}$ | 10 | $\frac{7}{16}$ | 11 | $\frac{9}{32}$ | 7 | $\frac{1}{32}$ | .8 | 1.11 | 504 | 6 |

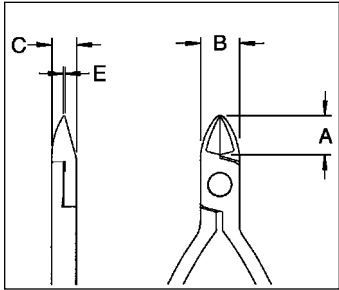
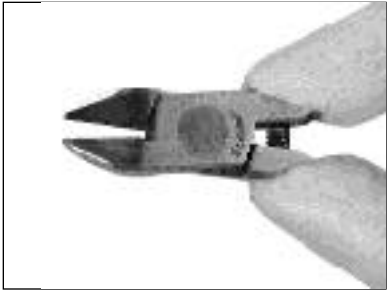
Tapered head diagonal cutter

- Tapered head diagonal cutter
- Flush cutting of leads in restricted spaces
- Narrow tips give increased clearance
- MS549J features green cushion grips
- Suffix "W" indicates wire catcher



| Cat No. | UPC No. | Packed | \overleftrightarrow{L} | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|--------------------------|-----|-----------------|----|----------------|----|----------------|----|----------------|----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| MS549J | 043127170508 | Boxed | 4 | 100 | $\frac{15}{32}$ | 12 | $\frac{7}{16}$ | 11 | $\frac{9}{32}$ | 7 | $\frac{3}{64}$ | 1 | .96 | 435 | 6 |
| MS549JV | 043127085420 | Carded | 4 | 100 | $\frac{15}{32}$ | 12 | $\frac{7}{16}$ | 11 | $\frac{9}{32}$ | 7 | $\frac{3}{64}$ | 1 | .96 | 435 | 6 |
| MS549JW | 043127170539 | Boxed | 4 | 100 | $\frac{15}{32}$ | 12 | $\frac{7}{16}$ | 11 | $\frac{9}{32}$ | 7 | $\frac{3}{64}$ | 1 | .96 | 435 | 6 |

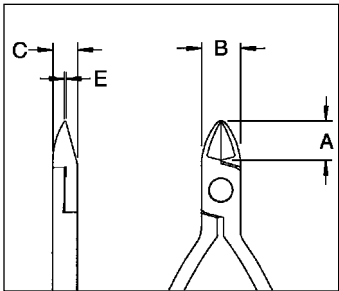
Oval head diagonal cutter



- Oval head diagonal cutter
- Semi-flush cutting
- General-purpose cutting of steel wires
- **Accu-Lite handles**
(see page Xcelite 50)

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

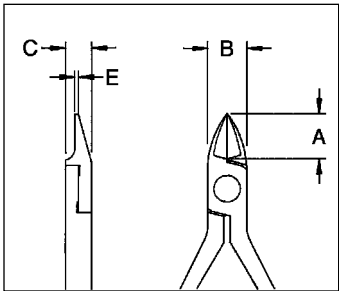
Tapered head diagonal cutter



- Tapered head diagonal cutter
- Flush cutting
- **Accu-Lite handles**
(see page Xcelite 50)

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

Relieved tapered head cutter

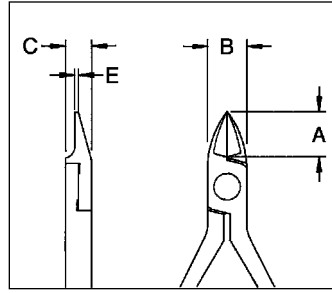


- Diagonal cutting pliers
- Relieved tapered head-flush cutter
- Allows use between closely spaced components
- MS543J features green cushion grips

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|-------|----|------|----|------|----|------|----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| MS543J | 043127170676 | Boxed | 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

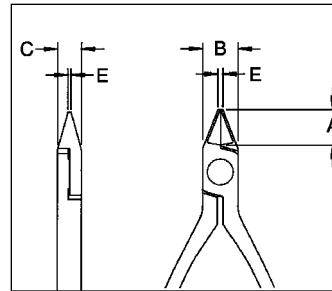
- Relieved tapered head diagonal cutter
- Flush cutting
- Clears closely spaced components
- **Accu-Lite handles**
(see page Xcelite 50)



| Cat No. | UPC No. | Packed | $\overleftarrow{\text{L}}\overrightarrow{\text{L}}$ | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|---|-----|-------|----|------|----|------|----|------|----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| EMS543J | 043127104329 | Boxed | 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
- MS545 features green cushion grip

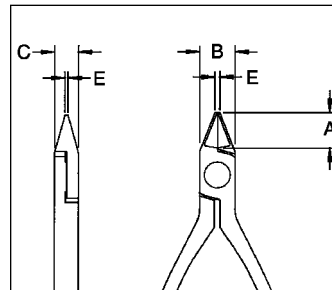


Xcelite®

| Cat No. | UPC No. | Packed | $\overleftarrow{\text{L}}\overrightarrow{\text{L}}$ | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|---|-----|-------|----|------|----|------|----|-----------|--------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| MS545 | 043127069482 | Boxed | 4 | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7 | 1/16X1/32 | 1.5X.9 | .78 | 354 | 6 |
| MS545V | 037103129116 | Carded | 4 | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7 | 1/16X1/32 | 1.5X.9 | .96 | 435 | 6 |

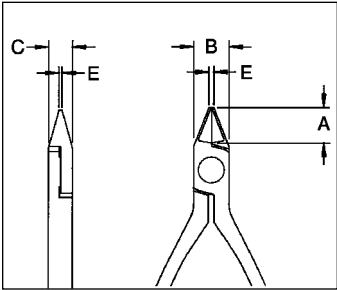
Slim line tapered head cutter

- Diagonal cutting pliers
- Slim line tapered head
- Flush cutting
- MS545J features green cushion grips



| Cat No. | UPC No. | Packed | $\overleftarrow{\text{L}}\overrightarrow{\text{L}}$ | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|---|-----|-------|----|------|----|------|----|-----------|--------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| MS545J | 043127170713 | Boxed | 4 | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7 | 1/16X1/32 | 1.5X.9 | 1.01 | 458 | 6 |
| MS545JV | 043127086038 | Carded | 4 | 100 | 13/32 | 10 | 7/16 | 11 | 9/32 | 7 | 1/16X1/32 | 1.5X.9 | 1.01 | 458 | 6 |

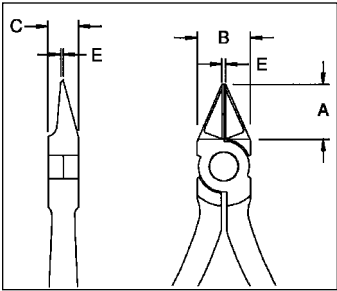
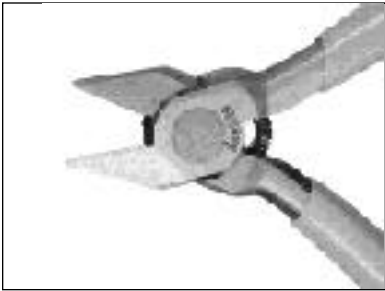
Slim line tapered diagonal cutter



- Slim line tapered diagonal cutter
- Flush cutting
- Allows use between closely spaced components
- **Accu-Lite handles**
(see page Xcelite 50)

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

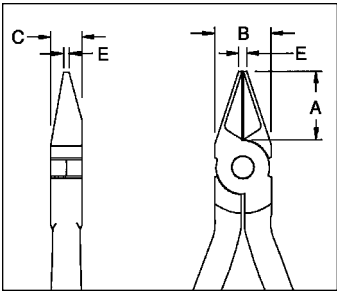
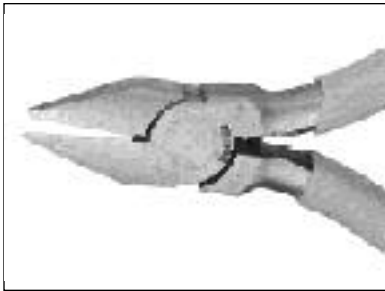
Relieved head diagonal cutter



- Relieved tapered head diagonal cutter
- Flush cutting
- For use in limited access areas
- S424JS features green cushion grips

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|------|----|-------|----|------|----|-----------|------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| S424JS | 043127062704 | Boxed | 4 | 100 | 5/8 | 16 | 37/64 | 15 | 5/16 | 8 | 3/64X1/32 | 1x.8 | 1.33 | 603 | 6 |
| S424JSV | 043127128691 | Carded | 4 | 100 | 5/8 | 16 | 37/64 | 15 | 5/16 | 8 | 3/64X1/32 | 1x.8 | 1.33 | 603 | 6 |

Tapered head diagonal cutter

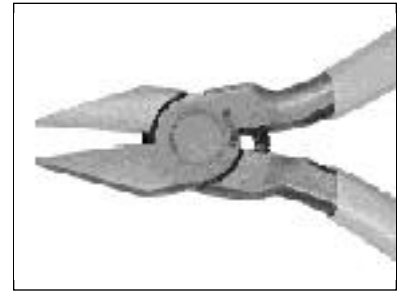
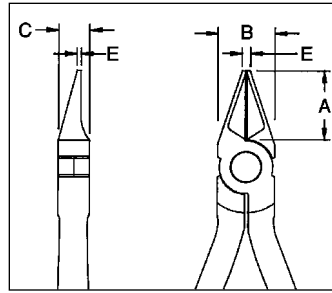


- Tapered head diagonal cutter
- Flush cutting
- Used for cutting component leads
- S475JS features green cushion grips

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|------|----|-------|----|------|----|-----------|-------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| S475JS | 043127062933 | Boxed | 5 | 125 | 3/4 | 19 | 19/32 | 15 | 3/8 | 10 | 3/32X1/16 | 2x1.5 | 1.47 | 667 | 6 |
| S475JSV | 043127128714 | Carded | 5 | 125 | 3/4 | 19 | 19/32 | 15 | 3/8 | 10 | 3/32X1/16 | 2x1.5 | 1.47 | 667 | 6 |

Tapered relieved head diagonal cutter

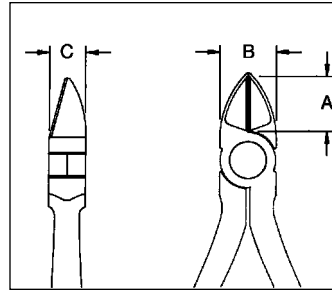
- Tapered relieved head diagonal cutter
- Flush cutting
- For use in limited access areas
- S1415JS features green cushion grips



| Cat No. | UPC No. | Packed | \overleftrightarrow{L} | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|--------------------------|-----|-----------------|----|-----------------|----|---------------|----|------------------------------------|-----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| S1415JS | 043127062926 | Boxed | 5 | 125 | $\frac{49}{64}$ | 19 | $\frac{19}{32}$ | 15 | $\frac{3}{8}$ | 10 | $\frac{3}{32} \times \frac{3}{64}$ | 2x1 | 1.5 | 680 | 6 |

Diagonal lead cutter

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

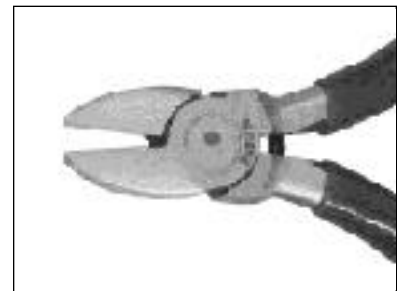
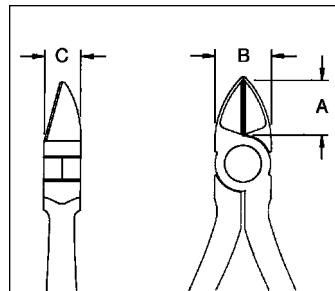


Xcelite®

| Cat No. | UPC No. | Packed | \overleftrightarrow{L} | | A | | B | | C | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|--------------------------|-----|---------------|----|-----------------|----|---------------|----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| S54 | 043127130090 | Boxed | 4 $\frac{1}{2}$ | 112 | $\frac{5}{8}$ | 16 | $\frac{37}{64}$ | 15 | $\frac{3}{8}$ | 9 | 1.32 | 599 | 6 |
| S54S | 043127130120 | Boxed | 4 $\frac{1}{2}$ | 112 | $\frac{5}{8}$ | 16 | $\frac{37}{64}$ | 15 | $\frac{3}{8}$ | 9 | 1.32 | 599 | 6 |
| S54SV | 043127128721 | Carded | 4 $\frac{1}{2}$ | 112 | $\frac{5}{8}$ | 16 | $\frac{37}{64}$ | 15 | $\frac{3}{8}$ | 9 | 1.32 | 599 | 6 |

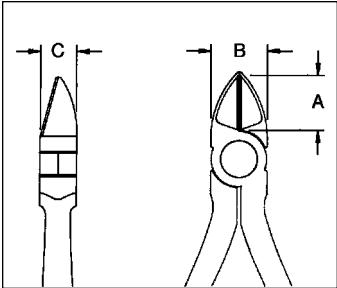
Diagonal lead cutter

- Diagonal lead cutter with handle coil spring
- Heavy-duty cutting
- Semi-flush cutter
- S54KS features green cushion grips



| Cat No. | UPC No. | Packed | \overleftrightarrow{L} | | A | | B | | C | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|--------------------------|-----|---------------|----|-----------------|----|---------------|----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| S54KS | 043127130144 | Boxed | 4 $\frac{1}{2}$ | 112 | $\frac{5}{8}$ | 16 | $\frac{37}{64}$ | 15 | $\frac{3}{8}$ | 9 | 1.32 | 599 | 6 |

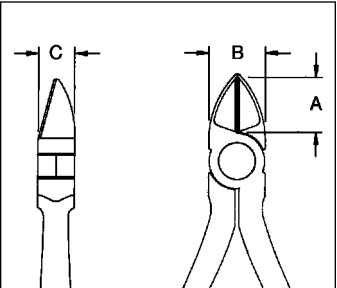
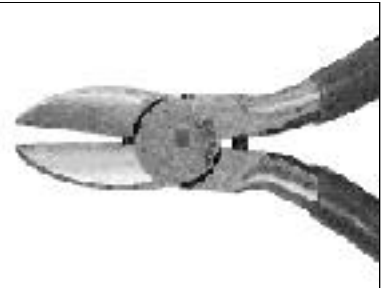
Oval head diagonal cutter



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

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|-------------------------------|----|-------------------------------|----|-----------------------------|----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| S55 | 043127130229 | Boxed | 5 | 125 | ⁴⁹ / ₆₄ | 19 | ¹⁹ / ₃₂ | 15 | ³ / ₈ | 9 | 1.5 | 680 | 6 |
| S55S | 043127130243 | Boxed | 5 | 125 | ⁴⁹ / ₆₄ | 19 | ¹⁹ / ₃₂ | 15 | ³ / ₈ | 9 | 1.5 | 680 | 6 |
| S55SV | 043127128707 | Carded | 5 | 125 | ⁴⁹ / ₆₄ | 19 | ¹⁹ / ₃₂ | 15 | ³ / ₈ | 9 | 1.5 | 680 | 6 |

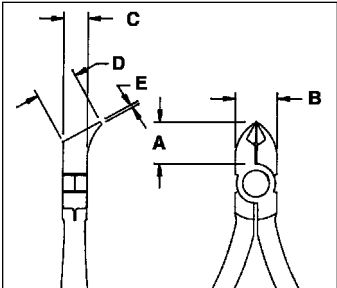
Oval head diagonal cutter



- Oval head diagonal cutter with handle coil spring
- Heavy-duty cutting
- Semi-flush cutter
- S55KS features green cushion grips

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|-------------------------------|----|-------------------------------|----|-----------------------------|----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| S55KS | 043127130298 | Boxed | 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°

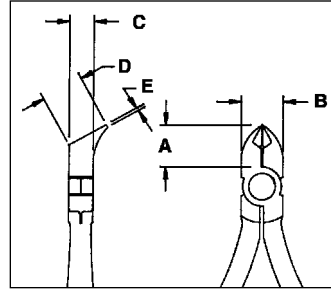


- Angled diagonal end cutter at 29°
- Flush cutting
- For cutting directly above the work area
- To use on closely spaced adjacent components
- GA54J features green cushion grips

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | D | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|------------------------------|----|------------------------------|----|------------------------------|----|------------------------------|----|------------------------------|----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| GA54J | 043127170331 | Boxed | 4 | 100 | ⁷ / ₁₆ | 11 | ⁷ / ₁₆ | 11 | ⁹ / ₃₂ | 7 | ⁷ / ₁₆ | 11 | ¹ / ₃₂ | .8 | .96 | 454 | 6 |
| GA54JV | 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

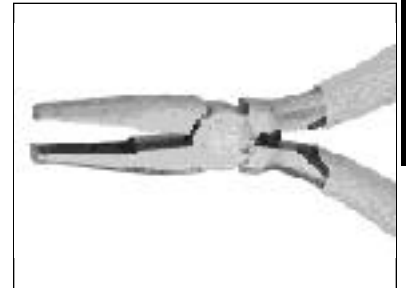
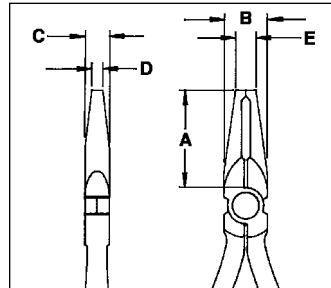
- Angled cutter
- Flush cutting edges
- Head angle allows cutting from above
- **Accu-Lite handles**
(see page Xcelite 50)



| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | D | | E | | Pack Wt. lb g | Shelf Pack |
|---------|--------------|--------|-------|-----|------|----|------|----|------|----|------|----|------|----|------------------|---------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | | |
| EGA54J | 043127064197 | Boxed | 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
- EC54J features green cushion grips

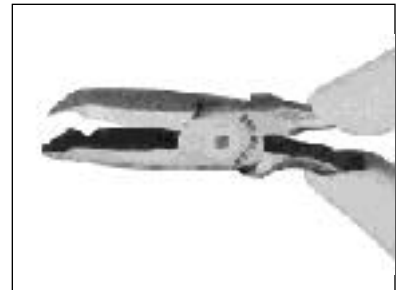
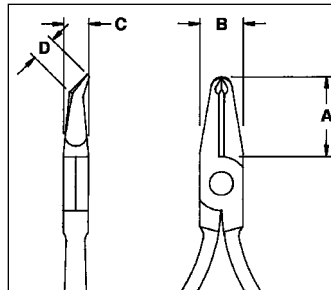


Xcelite®

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | D | | E | | Pack Wt. lb g | Shelf Pack |
|---------|--------------|--------|-------|-----|------|----|------|----|------|----|------|----|------|----|------------------|---------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | | |
| EC54J | 043127170096 | Boxed | 4 1/2 | 112 | 1 | 25 | 7/16 | 11 | 9/32 | 7 | 1/8 | 3 | 3/16 | 5 | .78 354 | 6 |
| EC54JV | 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

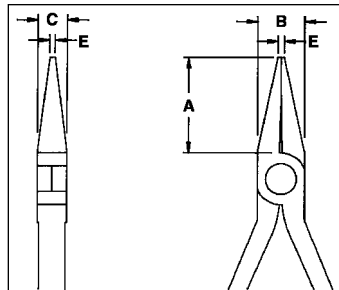
- Angled tip cutter
- Flush cutting in dense areas
- Thin angled nose for high visibility
- LC665J features green cushion grips



| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | D | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|-------|----|------|----|-------|----|------|----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| LC665J | 043127062742 | Boxed | 4½ | 112 | 29/32 | 23 | ½ | 13 | 19/64 | 7 | ¼ | 6 | .96 | 454 | 6 |
| LC665JV | 037103129192 | Carded | 4½ | 112 | 29/32 | 23 | ½ | 13 | 19/64 | 7 | ¼ | 6 | .96 | 454 | 6 |

Xcelite® Diagonal Chain Nose Pliers

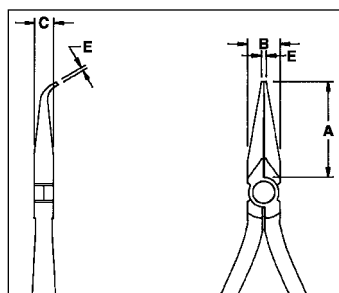
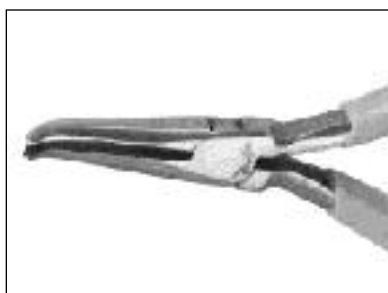
Short chain nose pliers



- Short chain nose pliers
- Serrated jaws
- Heavy-duty
- LN225 features green cushion grips

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|--------------------------------|----|----------------------------------|----|--------------------------------|----|--|---------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| LN225 | 043127063138 | Boxed | 5 | 125 | 1 ⁹ / ₆₄ | 29 | 17 ¹⁷ / ₃₂ | 14 | 9 ⁹ / ₃₂ | 7 | 1 ¹ / ₁₆ x1 ¹ / ₁₆ | 1.5x1.5 | 1.14 | 517 | 6 |

Curved nose pliers

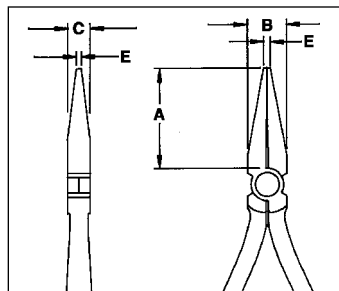


- Curved nose pliers
- Thin tip
- CN255, CN255G feature green cushion grips
- CN255G feature smooth jaws

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

Xcelite® Diagonal Long Needle Nose Pliers

Thin long nose pliers

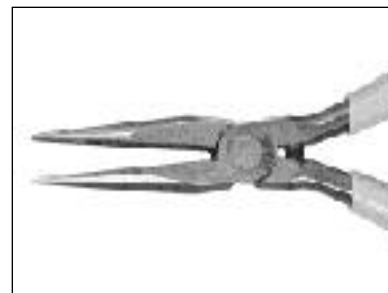
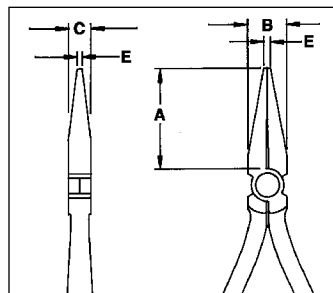


- Thin long nose pliers
- General-purpose use
- Serrated jaws
- For pick-up and wire forming
- LN54 features green cushion grips

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|--------------------------------|----|--------------------------------|----|--------------------------------|----|--|-------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| LN54 | 043127170003 | Boxed | 5 | 125 | 1 ³ / ₁₆ | 30 | 7 ⁷ / ₁₆ | 11 | 9 ⁹ / ₃₂ | 7 | 5 ⁵ / ₆₄ x1 ¹ / ₁₆ | 2x1.6 | .96 | 435 | 6 |
| LN54V | 043127085468 | Carded | 5 | 125 | 1 ³ / ₁₆ | 30 | 7 ⁷ / ₁₆ | 11 | 9 ⁹ / ₃₂ | 7 | 5 ⁵ / ₆₄ x1 ¹ / ₁₆ | 2x1.6 | .96 | 435 | 6 |

Thin long nose pliers – fine point

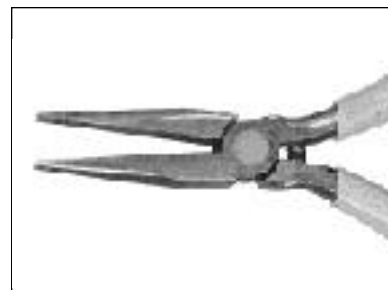
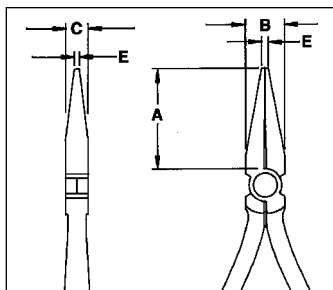
- Thin long nose pliers
- Fine point for precision work
- For pick-up and wire forming
- Serrated jaws
- LN542 features green cushion grips



| Cat No. | UPC No. | Packed | \overleftrightarrow{L} | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|--------------------------|-----|--------------------------------|----|--------------------------------|----|--------------------------------|----|--|--------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| LN542 | 043127170065 | Boxed | 5 | 125 | 1 ³ / ₁₆ | 30 | 7 ⁷ / ₁₆ | 11 | 9 ⁹ / ₃₂ | 7 | 3 ³ / ₆₄ x1 ¹ / ₃₂ | 1.2x.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
- LN54G features green cushion grips

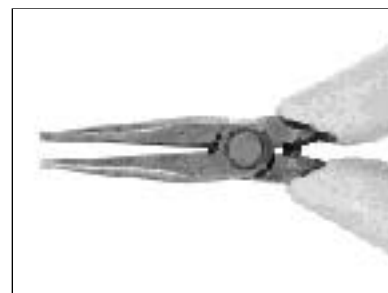
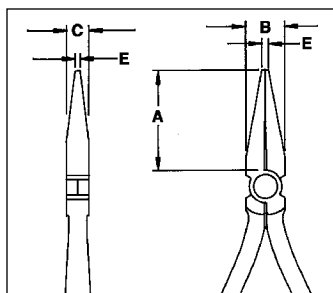


Xcelite®

| Cat No. | UPC No. | Packed | \overleftrightarrow{L} | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|--------------------------|-----|--------------------------------|----|--------------------------------|----|--------------------------------|----|--|-------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| LN54G | 043127170027 | Boxed | 5 | 125 | 1 ³ / ₁₆ | 30 | 7 ⁷ / ₁₆ | 11 | 9 ⁹ / ₃₂ | 7 | 5 ⁵ / ₆₄ x1 ¹ / ₁₆ | 2x1.6 | 1.14 | 517 | 6 |
| LN54GV | 037103129154 | Carded | 5 | 125 | 1 ³ / ₁₆ | 30 | 7 ⁷ / ₁₆ | 11 | 9 ⁹ / ₃₂ | 7 | 5 ⁵ / ₆₄ x1 ¹ / ₁₆ | 2x1.6 | 1.14 | 517 | 6 |

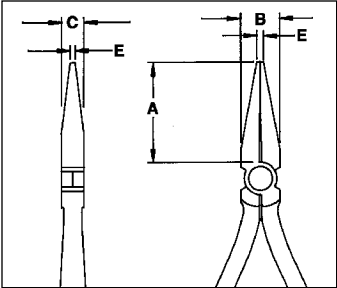
Thin long nose pliers

- 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 Xcelite 50)



| Cat No. | UPC No. | Packed | \overleftrightarrow{L} | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------------------------------|-----|--------------------------------|----|--------------------------------|----|--------------------------------|----|--|-------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| ELN54 | 043127170010 | Boxed | 6 ¹ / ₂ | 163 | 1 ³ / ₁₆ | 30 | 7 ⁷ / ₁₆ | 11 | 9 ⁹ / ₃₂ | 7 | 5 ⁵ / ₆₄ x1 ¹ / ₁₆ | 2x1.6 | .96 | 435 | 6 |
| ELN54G | 043127104350 | Boxed | 6 ¹ / ₂ | 163 | 1 ³ / ₁₆ | 30 | 7 ⁷ / ₁₆ | 11 | 9 ⁹ / ₃₂ | 7 | 5 ⁵ / ₆₄ x1 ¹ / ₁₆ | 2x1.6 | .96 | 435 | 6 |

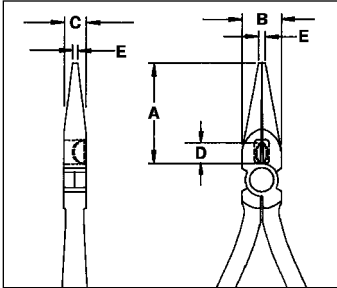
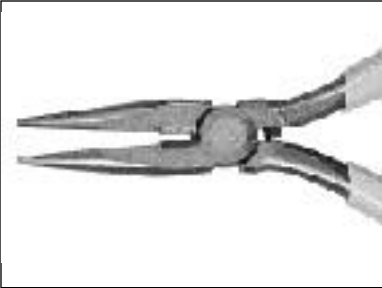
Thin long nose pliers



- Thin long nose pliers
- General-purpose
- Fine serrated jaws
- LN55 features green cushion grips

| Cat No. | UPC No. | Packed | L | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|---------|----|-------|----|------|----|-----------|-------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| LN55 | 043127068997 | Boxed | 5 1/2 | 138 | 1 11/16 | 43 | 17/32 | 14 | 9/32 | 7 | 5/64X1/16 | 2x1.6 | 1.5 | 680 | 6 |
| LN55V | 037103129161 | Carded | 5 1/2 | 138 | 1 11/16 | 43 | 17/32 | 14 | 9/32 | 7 | 5/64X1/16 | 2x1.6 | 1.5 | 680 | 6 |

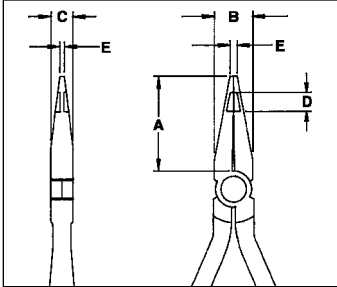
Long nose side cutting pliers



- Long nose side cutting pliers
- For general wire applications
- For reaching into confined working spaces
- Serrated jaws
- SN54, SN55 feature green cushion grips

| Cat No. | UPC No. | Packed | L | | 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 | Boxed | 5 | 125 | 1 3/16 | 30 | 17/32 | 14 | 9/32 | 7 | 1/4 | 6 | 5/64X1/16 | 2x1.6 | .96 | 435 | 6 |
| SN55 | 043127170249 | Boxed | 5 1/2 | 138 | 1 11/16 | 43 | 17/32 | 14 | 9/32 | 7 | 3/8 | 10 | 5/64X1/16 | 2x1.6 | 1.32 | 599 | 6 |
| SN55V | 037103129185 | Carded | 5 1/2 | 138 | 1 11/16 | 43 | 17/32 | 14 | 9/32 | 7 | 3/8 | 10 | 5/64X1/16 | 2x1.6 | 1.32 | 599 | 6 |

Wiring pliers with tip cutter

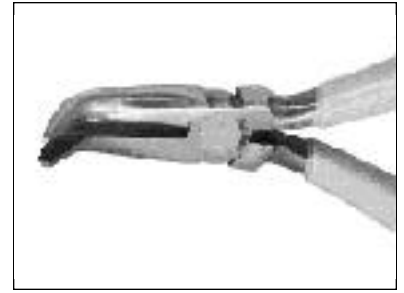
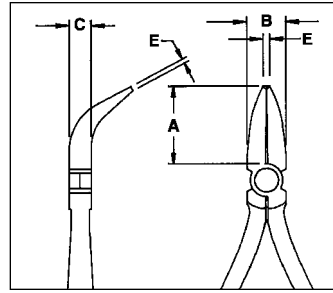


- Wiring pliers with tip cutter
- Long nose
- TC55 features green cushion grips

| Cat No. | UPC No. | Packed | L | | 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 | Boxed | 5 1/2 | 138 | 1 1/4 | 32 | 17/32 | 14 | 9/32 | 7 | 1/4 | 6.4 | 3/32X1/16 | 2.4x1.6 | 1.33 | 603 | 6 |
| TC55V | 037103129178 | Carded | 5 1/2 | 138 | 1 1/4 | 32 | 17/32 | 14 | 9/32 | 7 | 1/4 | 6.4 | 3/32X1/16 | 2.4x1.6 | 1.33 | 603 | 6 |

60° curved long nose pliers

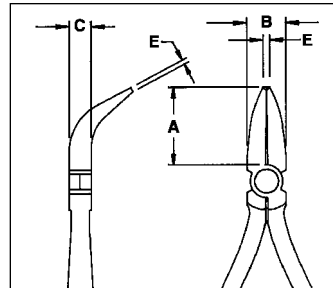
- 60° curved long nose pliers
- Smooth jaws
- For reaching between closely spaced components
- CN54G features green cushion grips



| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|-------------------------------|----|------------------------------|----|------------------------------|----|---|-------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| CN54G | 043127170423 | Boxed | 5 | 125 | ¹⁵ / ₁₆ | 24 | ⁷ / ₁₆ | 11 | ⁹ / ₃₂ | 7 | ⁵ / ₆₄ X ¹ / ₁₆ | 2x1.6 | 1.14 | 517 | 6 |

45° curved long nose pliers

- 45° curved long nose pliers
- Smooth jaws
- For reaching over assembled components in confined areas
- CN55G features green cushion grips

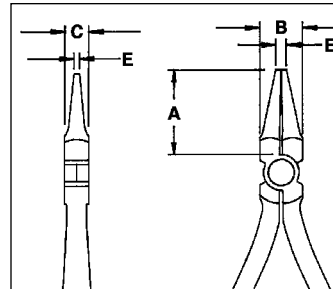


Xcelite®

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------------------------------|-----|------------------------------|----|------------------------------|----|------------------------------|----|---|-------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| CN55G | 043127170140 | Boxed | 5 ¹ / ₂ | 138 | ¹ / ₁₆ | 40 | ⁷ / ₃₂ | 14 | ⁹ / ₃₂ | 7 | ⁵ / ₆₄ X ¹ / ₁₆ | 2x1.6 | 1.5 | 680 | 6 |

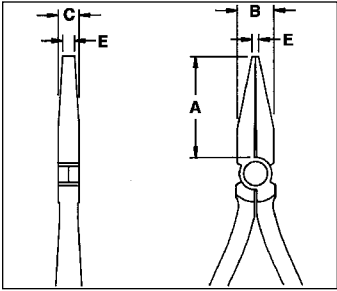
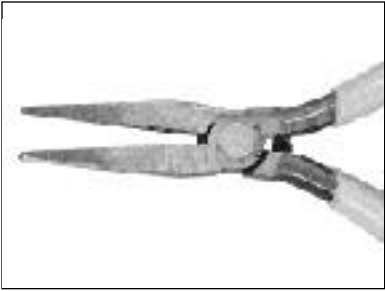
Round nose pliers

- Round nose pliers
- Round, smooth jaws tapered to point
- For looping and forming of fine wire
- RN54 features green cushion grips



| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------------------------------|-----|-----------------------------|----|------------------------------|----|------------------------------|----|--|-------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| RN54 | 043127170966 | Boxed | 4 ¹ / ₂ | 113 | ⁷ / ₈ | 22 | ⁷ / ₁₆ | 11 | ⁹ / ₃₂ | 7 | ¹ / ₈ X ¹ / ₁₆ | 3x1.6 | .96 | 435 | 6 |
| RN54V | 037103129451 | Carded | 4 ¹ / ₂ | 113 | ⁷ / ₈ | 22 | ⁷ / ₁₆ | 11 | ⁹ / ₃₂ | 7 | ¹ / ₈ X ¹ / ₁₆ | 3x1.6 | .96 | 435 | 6 |

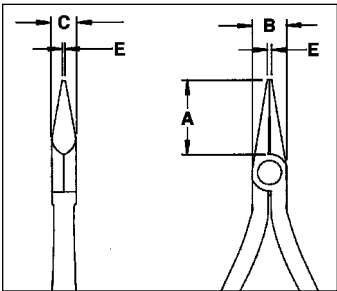
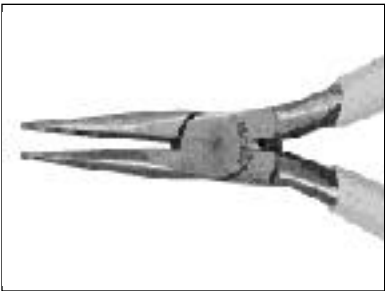
Flat nose pliers



- Flat nose pliers
- Smooth jaws
- For holding and forming wire and small parts
- DN54G features green cushion grips

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|--------------------------------|----|------------------|----|------------------|----|---|-------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| DN54G | 043127170461 | Boxed | 5 | 125 | 1 ³ / ₁₆ | 30 | 7/ ₁₆ | 11 | 9/ ₃₂ | 7 | 5/ ₆₄ X ⁹ / ₆₄ | 2X3.6 | 1.11 | 504 | 6 |
| DN54GV | 037103129093 | Carded | 5 | 125 | 1 ³ / ₁₆ | 30 | 7/ ₁₆ | 11 | 9/ ₃₂ | 7 | 5/ ₆₄ X ⁹ / ₆₄ | 2X3.6 | 1.11 | 504 | 6 |

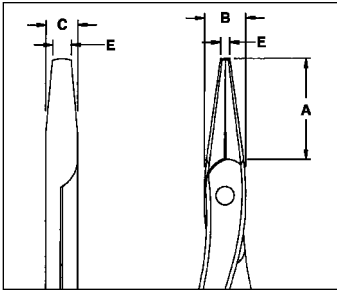
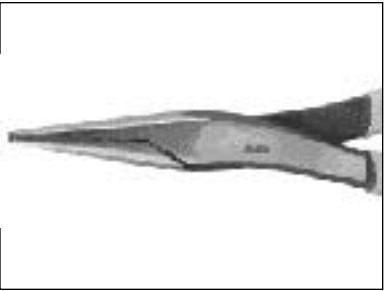
Subminiature needle nose pliers



- 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
- L4, L4G feature green cushion grips

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|--------------------------------|----|-----------------|----|------------------|----|---|--------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| L4 | 043127161049 | Boxed | 4 | 100 | 1 ³ / ₁₆ | 21 | 3/ ₈ | 10 | 9/ ₃₂ | 7 | 3/ ₆₄ X ¹ / ₃₂ | 1.2x.8 | .78 | 354 | 6 |
| L4V | 043127085482 | Carded | 4 | 100 | 1 ³ / ₁₆ | 21 | 3/ ₈ | 10 | 9/ ₃₂ | 7 | 3/ ₆₄ X ¹ / ₃₂ | 1.2x.8 | .78 | 354 | 6 |
| L4G | 043127161056 | Boxed | 4 | 100 | 1 ³ / ₁₆ | 21 | 3/ ₈ | 10 | 9/ ₃₂ | 7 | 3/ ₆₄ X ¹ / ₃₂ | 1.2x.8 | .78 | 354 | 6 |

Flat nose wiring pliers

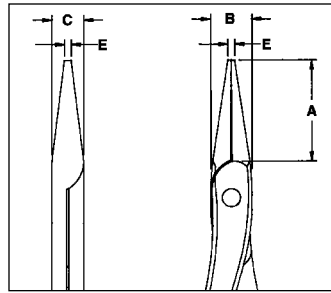


- Flat nose wiring pliers
- Positions and holds small components
- For use in restricted access areas
- Features green cushion grips
- Serrated jaws

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|-------------------------------|----|--------------------------------|----|------------------|----|---|---------|----------|------|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| 318 | 043127063114 | Boxed | 8 | 200 | 1 ³ / ₈ | 35 | 1 ⁷ / ₃₂ | 14 | 7/ ₁₆ | 11 | 1/ ₈ X ¹ / ₄ | 3.2x6.4 | 2.46 | 1116 | 6 |

Needle nose assembly pliers

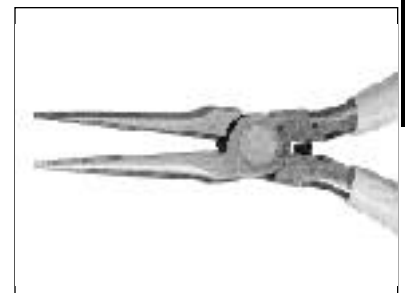
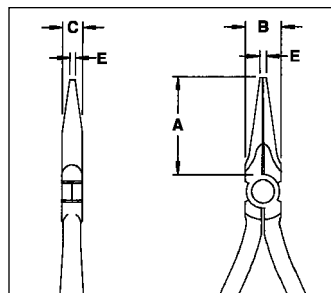
- Needle nose assembly pliers
- Reaches deep within electronic assemblies
- Use in hard to reach work spaces
- Features green cushion grips



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

Xcelite® Needle Nose Pliers Slim line needle nose pliers

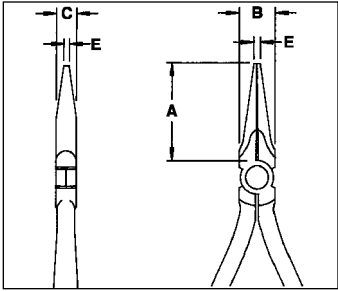
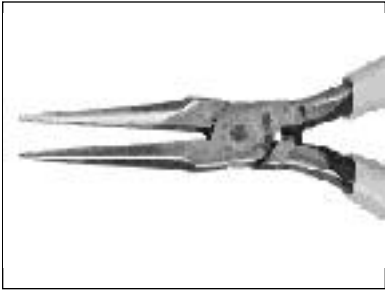
- Slim line needle nose pliers
- For use between tightly spaced components
- NN54, NN55, feature serrated jaws
- NN54G, NN55G feature smooth jaws
- NN54, NN54G, NN55, NN55G feature green cushion grips



Xcelite®

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------------------------------|-----|---------------------------------|----|--------------------------------|----|--------------------------------|----|---|-------|----------|------|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| NN54 | 043127170898 | Boxed | 5 | 125 | 1 ³ / ₁₆ | 30 | 7 ⁷ / ₁₆ | 11 | 9 ⁹ / ₃₂ | 7 | 5 ⁵ / ₆₄ X ¹ / ₁₆ | 2x1.6 | .96 | 435 | 6 |
| NN54V | 043127089499 | Carded | 5 | 125 | 1 ³ / ₁₆ | 30 | 7 ⁷ / ₁₆ | 11 | 9 ⁹ / ₃₂ | 7 | 5 ⁵ / ₆₄ X ¹ / ₁₆ | 2x1.6 | .96 | 435 | 6 |
| NN54G | 043127170911 | Boxed | 5 | 125 | 1 ³ / ₁₆ | 30 | 7 ⁷ / ₁₆ | 11 | 9 ⁹ / ₃₂ | 7 | 5 ⁵ / ₆₄ X ¹ / ₁₆ | 2x1.6 | .96 | 435 | 6 |
| NN54GV | 037103129130 | Carded | 5 | 125 | 1 ³ / ₁₆ | 30 | 7 ⁷ / ₁₆ | 11 | 9 ⁹ / ₃₂ | 7 | 5 ⁵ / ₆₄ X ¹ / ₁₆ | 2x1.6 | .96 | 435 | 6 |
| NN55 | 043127170669 | Boxed | 5 ¹ / ₂ | 138 | 1 ¹¹ / ₁₆ | 43 | 1 ⁵ / ₃₂ | 12 | 1 ¹ / ₄ | 6 | 5 ⁵ / ₆₄ X ¹ / ₁₆ | 2x1.6 | 1.32 | 5.99 | 6 |
| NN55V | 037103129468 | Carded | 5 ¹ / ₂ | 138 | 1 ¹¹ / ₁₆ | 43 | 1 ⁵ / ₃₂ | 12 | 1 ¹ / ₄ | 6 | 5 ⁵ / ₆₄ X ¹ / ₁₆ | 2x1.6 | 1.32 | 5.99 | 6 |
| NN55G | 043127170935 | Boxed | 5 ¹ / ₂ | 138 | 1 ¹¹ / ₁₆ | 43 | 1 ⁵ / ₃₂ | 12 | 1 ¹ / ₄ | 6 | 5 ⁵ / ₆₄ X ¹ / ₁₆ | 2x1.6 | 1.32 | 5.99 | 6 |

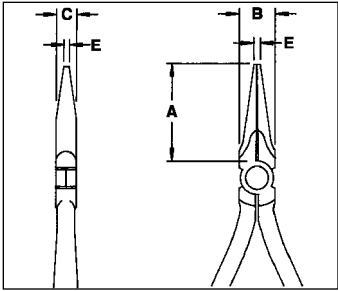
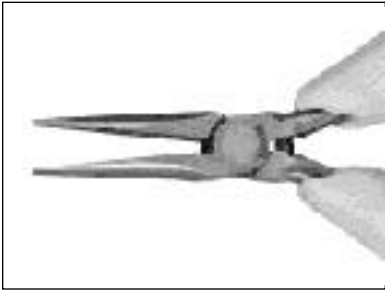
Fine point needle nose pliers



- Fine point needle nose pliers
- Positive gripping of fine wires or subminiature components
- Long, thin nose with fine serrated jaws
- NN542 features green cushion grips

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|--------------------------------|----|--------------------------------|----|--------------------------------|----|--|--------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| NN542 | 043127170126 | Boxed | 5 | 125 | 1 ³ / ₁₆ | 30 | 7 ⁷ / ₁₆ | 11 | 9 ⁹ / ₃₂ | 7 | 3 ³ / ₆₄ X1 ¹ / ₃₂ | 1.2x.8 | .96 | 435 | 6 |

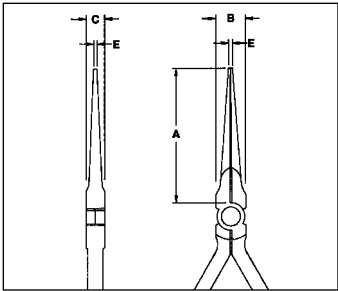
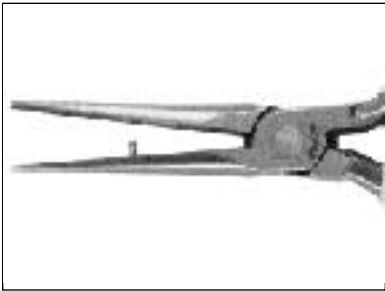
Fine point needle nose pliers



- 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 Xcelite 50)

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------------------------------|-----|--------------------------------|----|--------------------------------|----|--------------------------------|----|--|-------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| ENN54 | 043127170904 | Boxed | 6 ¹ / ₂ | 163 | 1 ³ / ₁₆ | 30 | 7 ⁷ / ₁₆ | 11 | 9 ⁹ / ₃₂ | 7 | 5 ⁵ / ₆₄ X1 ¹ / ₁₆ | 2x1.6 | .96 | 435 | 6 |

Long nose wiring and pick-up pliers

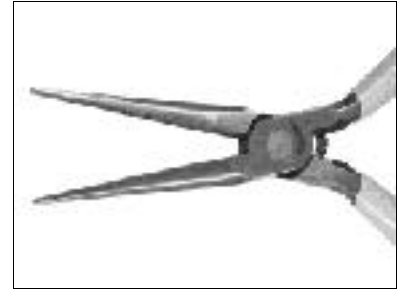
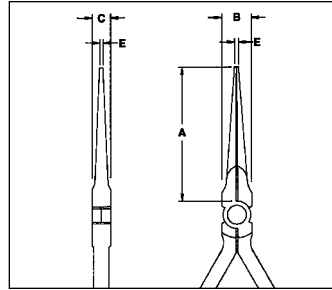


- Wiring and pick-up pliers
- With alignment pin
- Long nose design
- LN774512 features green cushion grips

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|-----------|--------------|--------|-------------------------------|-----|-------------------------------|----|----------------------------------|----|-------------------------------|----|--|---------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| LN774512 | 043127063077 | Boxed | 5 ¹ / ₂ | 138 | 1 ³ / ₄ | 45 | 15 ¹⁵ / ₃₂ | 12 | 1 ¹ / ₄ | 6 | 1 ¹ / ₁₆ X1 ¹ / ₁₆ | 1.5x1.5 | 1.08 | 490 | 6 |
| LN774512V | 037103129475 | Carded | 5 ¹ / ₂ | 138 | 1 ³ / ₄ | 45 | 15 ¹⁵ / ₃₂ | 12 | 1 ¹ / ₄ | 6 | 1 ¹ / ₁₆ X1 ¹ / ₁₆ | 1.5x1.5 | 1.08 | 490 | 6 |

Slim line long needle nose pliers

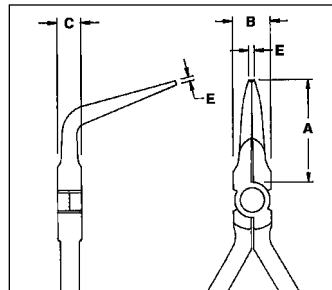
- Slim line needle nose pliers
- Fine tip
- LN775512 features serrated jaws
- LN775512G features smooth jaws
- LN775512, LN775512G feature green cushion grips



| Cat No. | UPC No. | Packed | ←L→ | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|-----------|--------------|--------|-------------------------------|-----|-------------------------------|----|----------------------------------|----|-------------------------------|----|--|---------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| LN775512 | 043127063121 | Boxed | 5 ¹ / ₂ | 138 | 1 ³ / ₄ | 45 | 15 ¹⁵ / ₃₂ | 12 | 1 ¹ / ₄ | 6 | 1 ¹ / ₁₆ X1 ¹ / ₁₆ | 1.5x1.5 | 1.14 | 517 | 6 |
| LN775512V | 037103129499 | Carded | 5 ¹ / ₂ | 138 | 1 ³ / ₄ | 45 | 15 ¹⁵ / ₃₂ | 12 | 1 ¹ / ₄ | 6 | 1 ¹ / ₁₆ X1 ¹ / ₁₆ | 1.5x1.5 | 1.14 | 517 | 6 |
| LN775512G | 043127079665 | Boxed | 5 ¹ / ₂ | 138 | 1 ³ / ₄ | 45 | 15 ¹⁵ / ₃₂ | 12 | 1 ¹ / ₄ | 6 | 1 ¹ / ₁₆ X1 ¹ / ₁₆ | 1.5x1.5 | 1.14 | 517 | 6 |

Curved long nose pliers

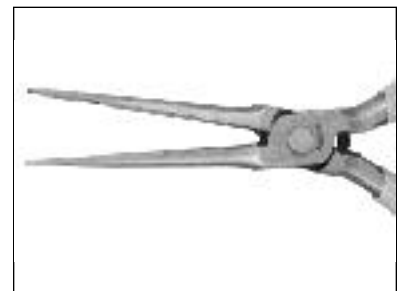
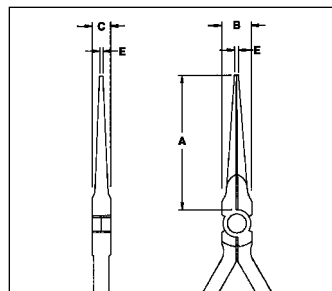
- Curved long nose pliers
- For reaching into confined spaces
- CN7776 features green cushion grips



| Cat No. | UPC No. | Packed | ←L→ | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|------|-----|---------------------------------|----|----------------------------------|----|-------------------------------|----|--|---------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| CN7776 | 043127063060 | Boxed | 6 | 150 | 1 ²³ / ₆₄ | 35 | 15 ¹⁵ / ₃₂ | 12 | 1 ¹ / ₄ | 6 | 1 ¹ / ₁₆ X1 ¹ / ₁₆ | 1.5x1.5 | 1.35 | 612 | 6 |

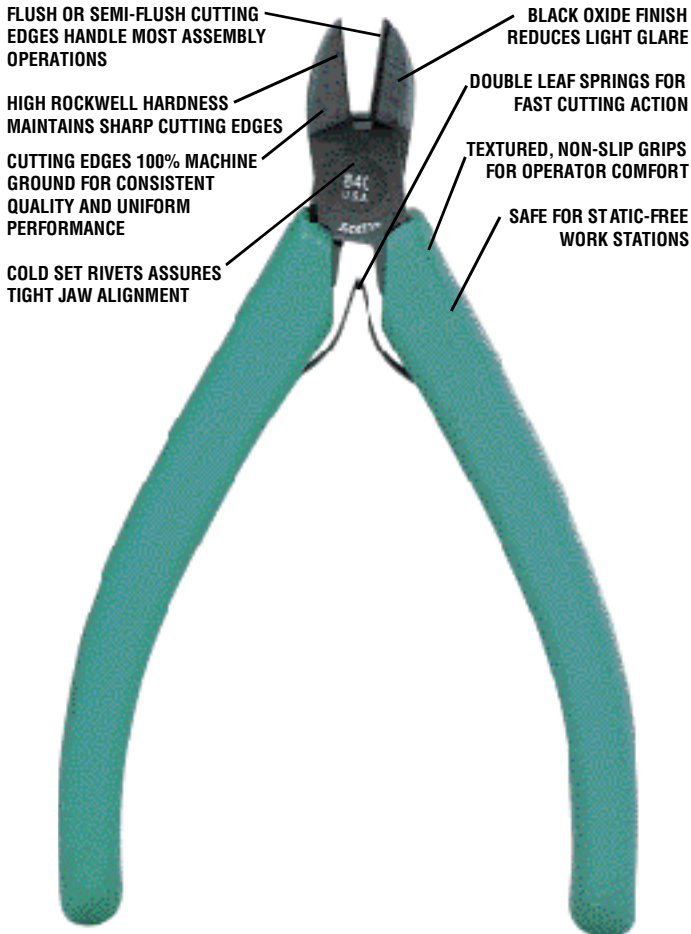
Long needle nose pliers

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



| Cat No. | UPC No. | Packed | ←L→ | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|------|-----|--------------------------------|----|----------------------------------|----|-------------------------------|----|--|---------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| NN7776 | 043127063008 | Boxed | 6 | 150 | 2 ⁵ / ₁₆ | 59 | 15 ¹⁵ / ₃₂ | 12 | 1 ¹ / ₄ | 6 | 1 ¹ / ₁₆ X1 ¹ / ₁₆ | 1.5x1.5 | 1.32 | 599 | 6 |
| NN7776V | 037103129482 | Carded | 6 | 150 | 2 ⁵ / ₁₆ | 59 | 15 ¹⁵ / ₃₂ | 12 | 1 ¹ / ₄ | 6 | 1 ¹ / ₁₆ X1 ¹ / ₁₆ | 1.5x1.5 | 1.32 | 599 | 6 |
| NN7776G | 043127083297 | Boxed | 6 | 150 | 2 ⁵ / ₁₆ | 59 | 15 ¹⁵ / ₃₂ | 12 | 1 ¹ / ₄ | 6 | 1 ¹ / ₁₆ X1 ¹ / ₁₆ | 1.5x1.5 | 1.32 | 599 | 6 |

Xcelite® Micro Electronic Diagonal Cutting Pliers

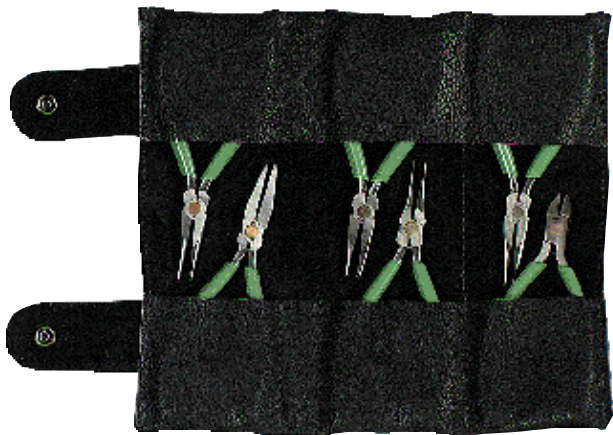


- Lightweight, 4" pliers with choice of oval heads for general cutting applications or tapered heads for access to confined or dense cutting areas
- Oval head models available with either semi-flush or full flush cutting edges. Tapered head pliers are full flush cutters
- Cutting edges, with high Rockwell hardness, are machine ground to maintain sharpness for cutting either hard or soft wires
- Joints are constructed with cold set rivets to assure tight jaw alignment, operational consistency and maximum tool life.
- Double leaf springs provide fast cutting action.
- Non-glare, black oxide finish on cutting heads facilitates use under illuminated magnifiers
- Low static, textured handle grips prevent slipping and provide operator comfort. Safe for static-free work stations. Color-coded for easy identification
- Conductive handle grips and lead catchers are available options. Be sure to specify when ordering

CAUTION

1. **Always wear approved eye protection.**
2. Molded Anti-Static grips 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.

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

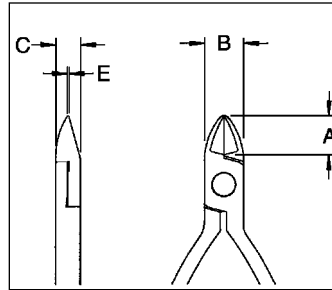
Kit Includes:

- 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 |

Oval head, semi-flush cutter

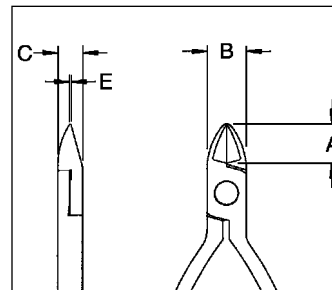
- Oval head diagonal cutter
- Semi-flush
- Leaf springs
- Anti-static grips (molded)



| Cat No. | UPC No. | Packed | ←L→ | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|------|-----|-----------------|----|----------------|----|----------------|----|----------------|----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| 840 | 043127133305 | Boxed | 4 | 100 | $\frac{13}{32}$ | 10 | $\frac{7}{16}$ | 11 | $\frac{9}{32}$ | 7 | $\frac{1}{32}$ | .8 | .90 | 408 | 6 |

Oval head, full flush cutter

- Oval head diagonal cutter
- Full flush
- For delicate cutting applications
- Minimal shock transmittal
- Leaf springs
- 841JLPY features lead catcher and Anti-static handles (molded)

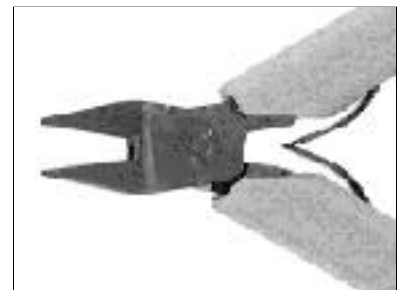
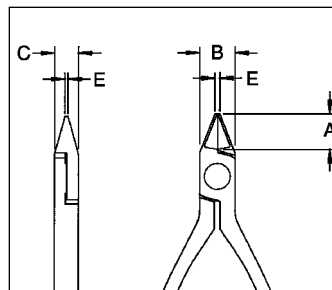


Xcelite®

| Cat No. | UPC No. | Packed | ←L→ | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|------|-----|-----------------|----|----------------|----|----------------|----|----------------|----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| 841J | 043127133220 | Boxed | 4 | 100 | $\frac{13}{32}$ | 10 | $\frac{7}{16}$ | 11 | $\frac{9}{32}$ | 7 | $\frac{1}{32}$ | .8 | .90 | 408 | 6 |
| 841JLPY | 043127133237 | Boxed | 4 | 100 | $\frac{13}{32}$ | 10 | $\frac{7}{16}$ | 11 | $\frac{9}{32}$ | 7 | $\frac{1}{32}$ | .8 | .90 | 408 | 1 |

Tapered head, full flush cutter

- Tapered head diagonal cutter
- Full flush
- For use in limited access areas
- Anti-static grips (molded)



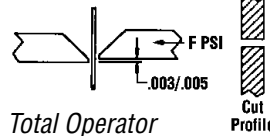
| Cat No. | UPC No. | Packed | ←L→ | | A | | B | | C | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|------|-----|-----------------|----|----------------|----|----------------|----|------------------------------------|--------|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| 844J | 043127073601 | Boxed | 4 | 100 | $\frac{13}{32}$ | 10 | $\frac{7}{16}$ | 11 | $\frac{9}{32}$ | 7 | $\frac{1}{16} \times \frac{1}{32}$ | 1.5x.9 | .90 | 408 | 6 |

Xcelite® Electronic Shearcutters and Pliers

Superior Quality and Value

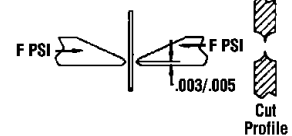
- Xcelite's Shearcutter flushcutting tools require less than half the operator force of most wire and lead cutting tools and transmit proportionately less shock to the component
- As a result, they comply with MIL-STD-2000, DOD-STD-2000 and WS-6536E standards
- Grips are molded of wide, shock absorbing 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



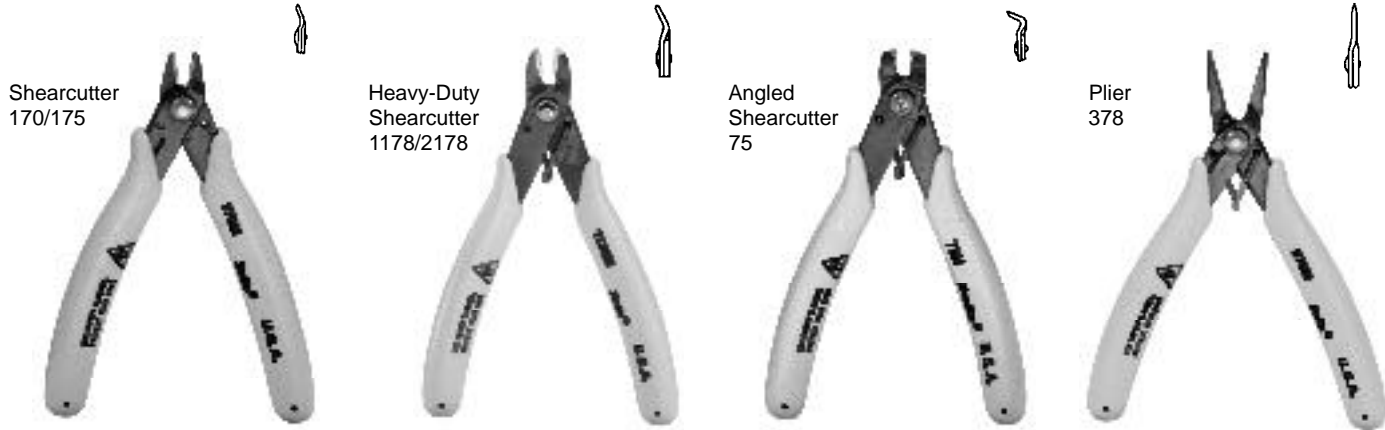
Total Operator Force = Less Than 1/2 F

Crush Cut



Total Operator Force = F

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



Product features



Shearcutter — Light blue grips (Suffix "M")

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



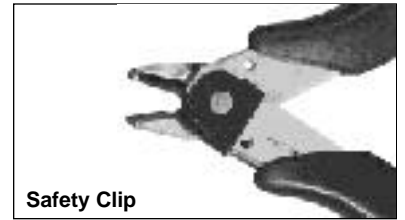
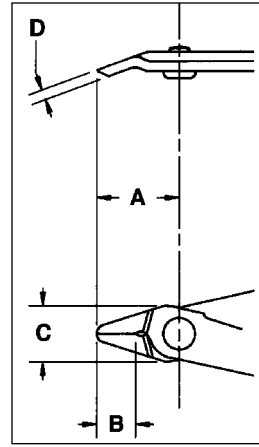
Static-dissipative pliers — black grips (Suffix "D")

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



Shearcutter – general-purpose

- 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

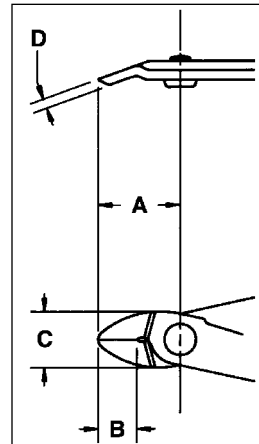


Safety Clip

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

Shearcutter – heavy-duty

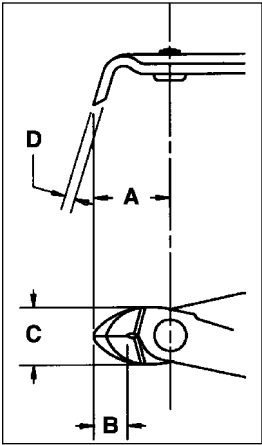
- Heavy-duty for IC pins, cables and harnesses
- Maximum durability
- Safety clip (on some models) prevents flying leads
- Maximum operator safety
- 1178M, 2178M feature light blue grips
- 1178D, 2178D feature static-dissipative black grips
- 2178M, 2178D feature safety clips
- 1178D, 2178D especially hardened and plated



Safety Clip

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

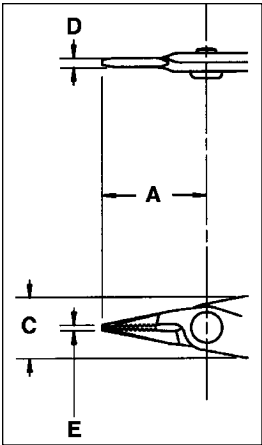
Shearcutter – 75° angle



- 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

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

Pliers – serrated and smooth jaws

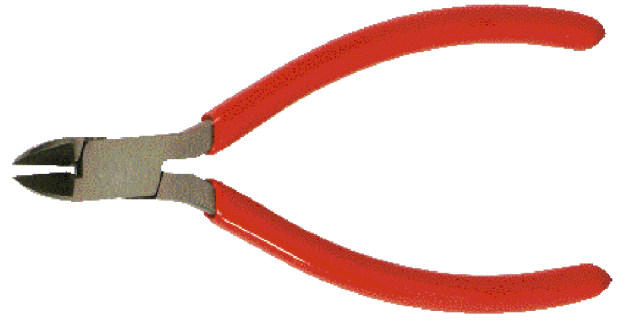


- Thin profile, long reach pliers
- For access into tight spaces
- Lightweight for maximum comfort
- For use in precision electronic assembly applications
- 378M, 378D feature serrated jaws
- 378SMM, 378SMD feature smooth jaws
- 378M, 378SMM feature light blue grips
- 378D, 378SMD feature static-dissipative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

| Cat No. | UPC No. | Packed | ← L → | | A | | C | | D | | E | | Pack Wt. | | Shelf Pack |
|---------|--------------|--------|-------------------------------|-----|-------------------------------|----|--------------------------------|----|-------------------------------|----|--------------------------------|-----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | lb | g | |
| 378M | 037103030252 | Boxed | 5 ¹ / ₂ | 140 | 1 ¹ / ₂ | 32 | 1 ⁷ / ₃₂ | 14 | 1 ¹ / ₈ | 3 | 3 ³ / ₆₄ | 1.2 | 1.62 | 735 | 6 |
| 378D | 037103030238 | Boxed | 5 ¹ / ₂ | 140 | 1 ¹ / ₂ | 32 | 1 ⁷ / ₃₂ | 14 | 1 ¹ / ₈ | 3 | 3 ³ / ₆₄ | 1.2 | 1.62 | 735 | 6 |
| 378SMM | 037103030320 | Boxed | 5 ¹ / ₂ | 140 | 1 ¹ / ₂ | 32 | 1 ⁷ / ₃₂ | 14 | 1 ¹ / ₈ | 3 | 3 ³ / ₆₄ | 1.2 | 1.62 | 735 | 6 |
| 378SMD | 037103030306 | Boxed | 5 ¹ / ₂ | 140 | 1 ¹ / ₂ | 32 | 1 ⁷ / ₃₂ | 14 | 1 ¹ / ₈ | 3 | 3 ³ / ₆₄ | 1.2 | 1.62 | 735 | 6 |

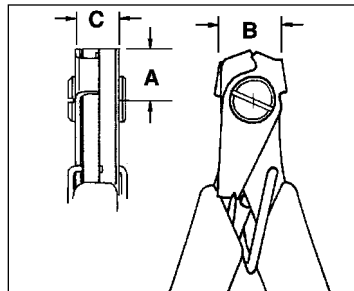
Pliers and cutters With red cushion grip handles

- 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 $\frac{1}{16}$ in.

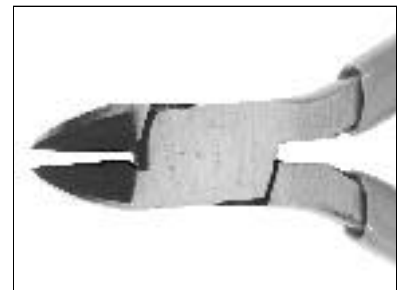
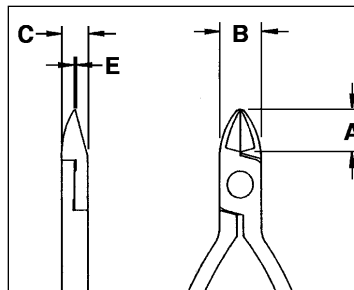


Xcelite®

| Cat No. | UPC No. | Packed | ← L → | | A | | B | | C | | Pack wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|------|----|------|------|------|-----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | oz | g | |
| 134CG | 037103059994 | Boxed | 5.45 | 140 | 0.55 | 14 | 0.72 | 18.5 | 0.32 | 8.2 | 18.4 | 522 | 6 |
| 134CGV | 037103060006 | Carded | 5.45 | 140 | 0.55 | 14 | 0.72 | 18.5 | 0.32 | 8.2 | 21.0 | 595 | 6 |

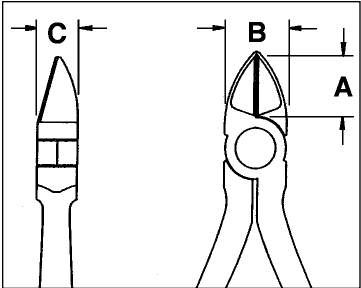
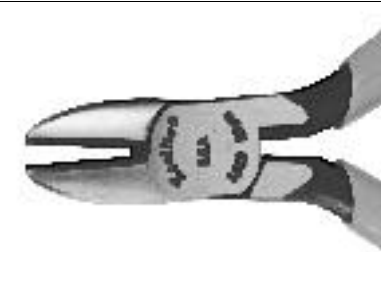
Diagonal pliers 54CG

- 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 | ← L → | | A | | B | | C | | E | | Pack wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|-----------------|----|----------------|----|----------------|----|----------------|-----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | oz | g | |
| 54CG | 037103481580 | Boxed | 4 | 100 | $\frac{13}{32}$ | 10 | $\frac{7}{16}$ | 11 | $\frac{9}{32}$ | 7 | $\frac{1}{32}$ | 0.8 | 12.5 | 354 | 6 |
| 54CGV | 037103481597 | Carded | 4 | 100 | $\frac{13}{32}$ | 10 | $\frac{7}{16}$ | 11 | $\frac{9}{32}$ | 7 | $\frac{1}{32}$ | 0.8 | 12.5 | 354 | 6 |

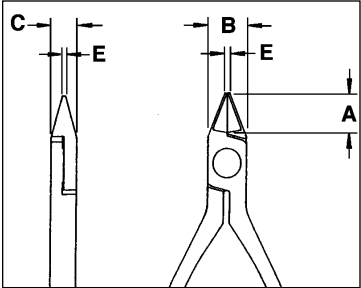
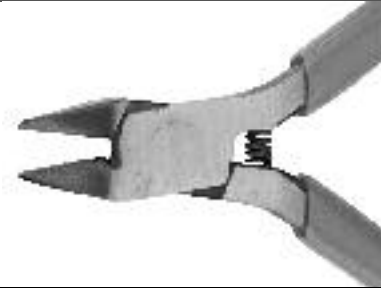
55CG



- 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 | ←L→ | | A | | B | | C | | E | | Pack wt. | | Shelf Pack |
|---------|--------------|--------|------|-----|-----------------------------|----|-------------------------------|----|-----------------------------|----|------|----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | oz | 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 |

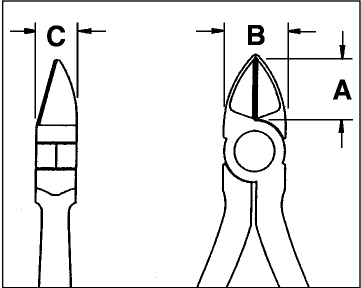
64CG



- 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 | ←L→ | | A | | B | | C | | E | | Pack wt. | | Shelf Pack |
|---------|--------------|--------|------|-----|-------------------------------|----|------------------------------|----|------------------------------|----|------------------------------|-----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | oz | 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 |

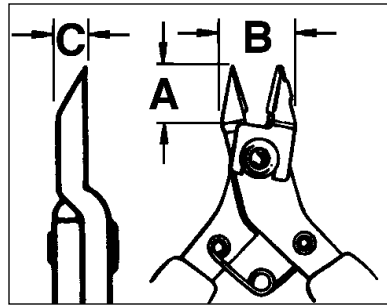
66CG



- 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 | ←L→ | | A | | B | | C | | E | | Pack wt. | | Shelf Pack |
|---------|--------------|--------|------|-----|-------------------------------|----|-------------------------------|----|------------------------------|----|------|----|----------|------|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | oz | 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



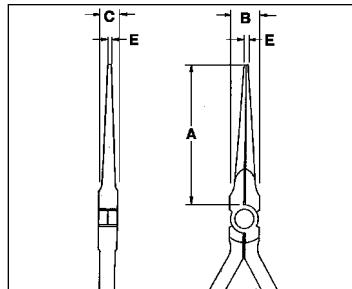
- For cutting soft non-ferrous wire, max. as specified, No. 25 gauge (.018 in.) and smaller soft steel wire
- Ideal for tip cutting in delicate electronic circuitry work and where small lightweight pliers are required for use by women engaged in electronic component assembly
- Precision-machined, ground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

Xcelite®

| Cat No. | UPC No. | Packed | Description | ←L→ | | A | | B | | C | | Max. Dia Soft non-Ferrous Wire Inch | Soft Steel Wire Inch | Shelf Pack |
|---------|--------------|--------|-------------|-------------------------------|-----|------------------------------|----|-------------------------------|----|------------------------------|----|-------------------------------------|----------------------|------------|
| | | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | | | |
| 113CG | 037103489784 | Boxed | 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 | Boxed | 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 | Boxed | 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 |

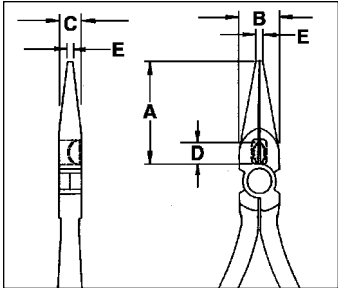
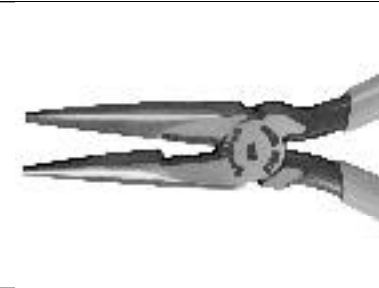
57CG

- 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 | ←L→ | | A | | B | | C | | E | | Pack wt. | | Shelf Pack |
|---------|--------------|--------|---------------------------------|-----|------|----|-------------------------------|----|-----------------------------|----|------------------------------|-----|----------|-----|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | oz | g | |
| 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 |

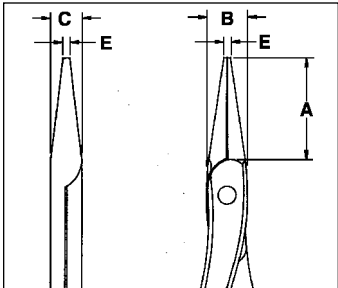
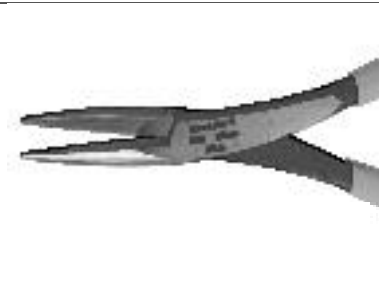
51CG



- 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 | ← L → | | A | | B | | C | | D | | E | | Pack wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|-------------------------------|----|--------------------------------|----|-----------------------------|----|-------------------------------|----|------------------------------|-----|----------|------|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | oz | g | |
| 51CG | 037103481528 | Boxed | 6 | 152 | 1 ⁷ / ₈ | 48 | 1 ¹ / ₁₆ | 17 | ³ / ₈ | 10 | 1 ¹ / ₂ | 13 | ³ / ₃₂ | 2.4 | 36.6 | 1038 | 6 |
| 51CGV | 037103481535 | Carded | 6 | 152 | 1 ⁷ / ₈ | 48 | 1 ¹ / ₁₆ | 17 | ³ / ₈ | 10 | 1 ¹ / ₂ | 13 | ³ / ₃₂ | 2.4 | 36.6 | 1038 | 6 |

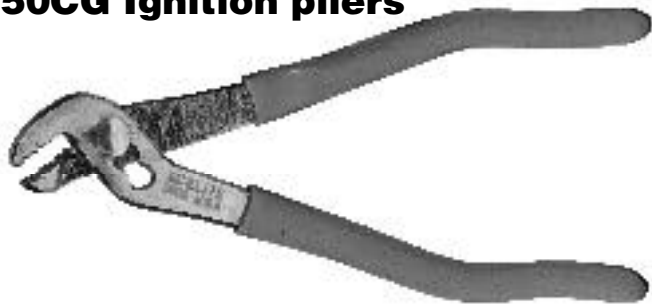
59CG




- 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 | ← L → | | A | | B | | C | | E | | Pack wt. | | Shelf Pack |
|---------|--------------|--------|-------|-----|-------------------------------|----|------------------------------|----|-------------------------------|----|------------------------------|-----|----------|------|------------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm | oz | 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 in.
- Forged alloy steel construction, precision machining and scientific proportioning
- Red plastic-coated cushion grip provides maximum leverage

| Cat No. | UPC No. | Packed | ← L → | | Inch |  mm | Shelf Pack |
|---------|--------------|--------|-------|-----|------|--|------------|
| | | | 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

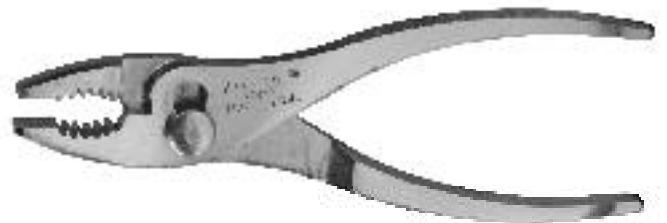
- All-purpose pliers
- Angled serrated teeth in jaws
- Maximum opening 1 1/8 in./28mm
- 4-position machined rib lock design
- Forged alloy steel construction, precision machining and scientific proportioning
- Red plastic-coated cushion grip provides maximum leverage




| Cat No. | UPC No. | Packed | Inch |  | mm | Inch |  | mm | Shelf Pack |
|---------|--------------|--------|------|---|-----|-------|---|----|------------|
| 53CG | 037103481566 | Boxed | 7 | | 178 | 1 1/8 | | 28 | 6 |
| 53CGV | 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 | Inch |  | mm | Shelf Pack |
|---------|--------------|--------|------|--|-----|------------|
| 76C | 037103481986 | Boxed | 6 | | 150 | 6 |
| 76CV | 037103481993 | Carded | 6 | | 150 | 6 |
| 78C | 037103482006 | Boxed | 8 | | 200 | 6 |
| 78CV | 037103482013 | Carded | 8 | | 200 | 6 |

Special tools for special problems

Seizer®



- Seizer® shear
- 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 | Shelf Pack |
|---------|--------------|--------|---------------------------------------|------------|
| 32H | 037103481344 | Boxed | Straight nose jr. seizer, smooth jaws | 6 |
| 32HV | 037103481351 | Carded | Straight nose jr. seizer, smooth jaws | 6 |
| 33H | 037103481368 | Boxed | Curved nose jr. seizer, smooth jaws | 6 |
| 33HV | 037103481375 | Carded | Curved nose jr. seizer, smooth jaws | 6 |
| 42H | 037103481405 | Boxed | Straight nose seizer, serrated jaws | 6 |
| 42HV | 037103481412 | Carded | Straight nose seizer, serrated jaws | 6 |
| 43H | 037103481429 | Boxed | Curved nose seizer, serrated jaws | 6 |
| 43HV | 037103481436 | Carded | Curved nose seizer, serrated jaws | 6 |

Wire strippers and 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 | Inch | $\overleftarrow{\text{L}}\overrightarrow{\text{L}}$ mm | Shelf Pack |
|---------|--------------|--------|---------------------------------|------|--|------------|
| 100X | 037103483560 | Boxed | Stripper, cutter | 5 | 127 | 6 |
| 100XV | 037103483577 | Carded | Stripper, cutter | 5 | 127 | 6 |
| 101S | 037103483584 | Boxed | Stripper, cutter-spring opening | 5 | 127 | 6 |
| 101SV | 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 | $\overleftarrow{\text{L}}\overrightarrow{\text{L}}$ mm | Shelf Pack |
|---------|--------------|--------|-------------------------------|--|------------|
| 102S | 037103490285 | Boxed | 5 ¹ / ₂ | 140 | 6 |
| 102SV | 037103490292 | Carded | 5 ¹ / ₂ | 140 | 6 |

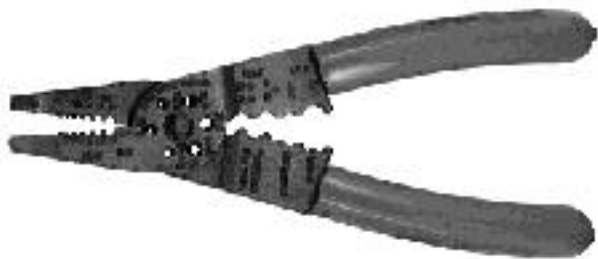
103S

- 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 | $\overleftarrow{\text{L}}\overrightarrow{\text{L}}$ mm | Shelf Pack |
|---------|--------------|--------|-------------------------------|--|------------|
| 103S | 037103483607 | Boxed | 5 ¹ / ₄ | 133 | 6 |
| 103SV | 037103483614 | Carded | 5 ¹ / ₄ | 133 | 6 |

104CG wire stripper and cutter




- For all types and sizes of wire
- Wide size-range bolt cutter
- 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

| Cat No. | UPC No. | Packed | Inch |  mm | Shelf Pack |
|---------|--------------|--------|-------------------------------|---|------------|
| 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 insulated for cleaner, faster, more accurate stripping
- Serrated edge
- Xcelite® Catalog No. 105SCGV includes work-speeding automatic spring
- Red cushion grip handle provides maximum leverage

| Cat No. | UPC No. | Packed | Description | Inch |  mm | Shelf Pack |
|---------|--------------|--------|---------------------------------|------|--|------------|
| 105CG | 037103486974 | Boxed | Stripper, cutter | 6 | 150 | 6 |
| 105CGV | 037103486981 | Carded | Stripper, cutter | 6 | 150 | 6 |
| 105SCGV | 037103487001 | Carded | Stripper, cutter-spring opening | 6 | 150 | 6 |

Snips



- Shearing action of 1¹/₂ in./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 | Inch |  mm | Inch |  mm | Shelf Pack |
|---------|--------------|--------|-------------------------------|--|-------------------------------|--|------------|
| 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 $\frac{1}{4}$ in./6mm hex shank
- Simple and easy-to-use for assembly, disassembly, adjustment and repair work involving Allen hex, Phillips and slotted screws



Xcelite®

| Cat No. | UPC No. | Packed | Inch  | mm | Description | Shelf Pack |
|---------|--------------|--------|--|------|--------------------------|------------|
| XL70 | 037103486691 | Boxed | -- | -- | Complete set | 1 |
| XL3 | 037103486509 | -- | .050 | 1.27 | Allen hex screw bit | 6 |
| XL4 | 037103486516 | -- | $\frac{1}{16}$ | 1.54 | Allen hex screw bit | 6 |
| XL5 | 037103486523 | -- | $\frac{5}{64}$ | 1.98 | Allen hex screw bit | 6 |
| XL6 | 037103486530 | -- | $\frac{3}{32}$ | 2.38 | Allen hex screw bit | 6 |
| XL7 | 037103486547 | -- | $\frac{7}{64}$ | 1.54 | Allen hex screw bit | 6 |
| XL8 | 037103486554 | -- | $\frac{1}{8}$ | 3.17 | Allen hex screw bit | 6 |
| XL9 | 037103486561 | -- | $\frac{9}{64}$ | 3.57 | Allen hex screw bit | 6 |
| XL10 | 037103486578 | -- | $\frac{5}{32}$ | 3.97 | Allen hex screw bit | 6 |
| XL12 | 037103486585 | -- | $\frac{3}{16}$ | 4.76 | Allen hex screw bit | 6 |
| XL14 | 037103486592 | -- | $\frac{7}{32}$ | 5.56 | Allen hex screw bit | 6 |
| XL16 | 037103486608 | -- | $\frac{1}{4}$ | 6 | Allen hex screw bit | 6 |
| XL17 | 037103486615 | -- | $\frac{1}{4}$ | 6 | SLotted screw bit | 6 |
| XL18 | 037103486622 | -- | $\frac{5}{16}$ | 7.94 | Allen hex screw bit | 6 |
| XL20 | 037103486639 | -- | No. 1 | -- | No. 1 Phillips screw bit | 6 |
| XL21 | 037103486646 | -- | No. 2 | -- | No. 2 Phillips screw bit | 6 |
| XL24 | 037103486653 | -- | $6\frac{1}{4}/6$ hex to $\frac{1}{4}/6$ square | | Adapter bit | 6 |
| XL25 | 037103486660 | -- | $\frac{3}{16}$ | 4.76 | Slotted screw bit | 6 |
| XL27 | 037103486677 | -- | -- | -- | Reversible ratchet | 6 |
| XL50 | 037103486684 | -- | -- | -- | Spinner-extension | 6 |

XL75 Offset ratchet screwdriver set




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

| Cat No. | UPC No. | Packed | Description | Shelf Pack |
|---------|--------------|--------|--------------------------------|------------|
| XL75 | 037103486707 | Boxed | Complete set | 1 |
| XL75V | 037103486714 | Carded | Complete set vacuum packed | 1 |
| XL25 | 037103486660 | -- | Slotted screw bit 3/16"/4.76mm | 6 |
| XL17 | 037103486615 | -- | Slotted screw bit 1/4"/6mm | 6 |
| XL20 | 037103486639 | -- | Phillips screw bit No. 1 | 6 |
| XL21 | 037103486646 | -- | Phillips screw bit No. 2 | 6 |
| XL27 | 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 | ← L → | |  | | Shelf Pack |
|---------|--------------|--------|-------|-----|---|-------|------------|
| | | | Inch | mm | Inch | mm | |
| 44CG | 037103481443 | Boxed | 4 | 100 | 1/2 | 13 | 6 |
| 44CGV | 037103481450 | Carded | 4 | 100 | 1/2 | 13 | 6 |
| 46CG | 037103481467 | Boxed | 6 | 150 | 3/4 | 19 | 6 |
| 46CGV | 037103481474 | Carded | 6 | 150 | 3/4 | 19 | 6 |
| 48CG | 037103481481 | Boxed | 8 | 200 | 15/16 | 23.81 | 6 |
| 48CGV | 037103481498 | Carded | 8 | 200 | 15/16 | 23.81 | 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 |
|---------|--------------|--------|---------------------|------------|
| K22 | 037103484239 | Boxed | Electrician's knife | 6 |
| K22V | 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

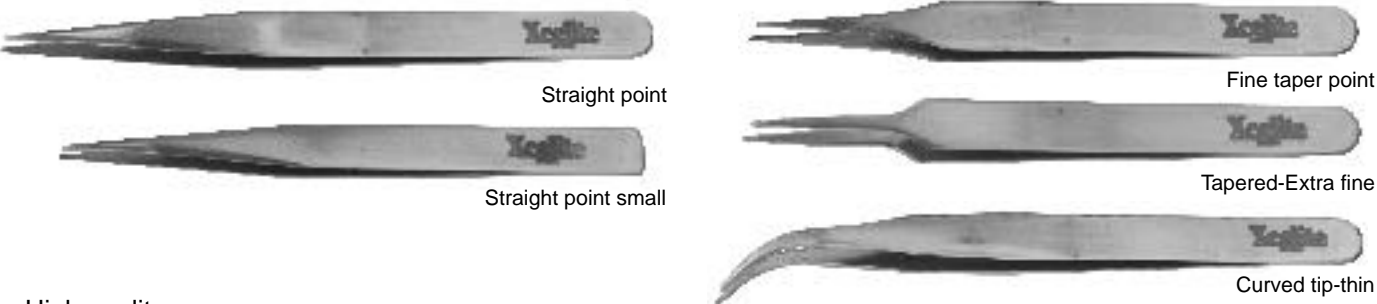


Xcelite®

| Cat No. | UPC No. | Packed | ← L → | | Description | Shelf Pack |
|---------|--------------|--------|-------------------------------|----|-------------|------------|
| | | | Inch | mm | | |
| 80 | 037103482044 | Boxed | 3 ¹ / ₈ | 80 | Heat sink | 6 |
| 80V | 037103482051 | Carded | 3 ¹ / ₈ | 80 | Heat sink | 6 |

Tweezers

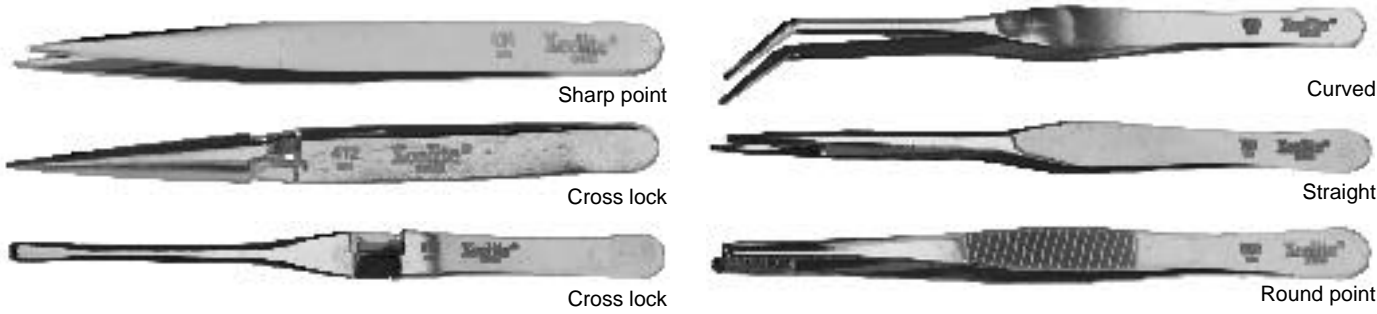
Premium stainless steel tweezers — MADE IN U.S.A.



- High quality
 - For electronic use
 - Manufactured from anti-magnetic, anti-acid stainless steel
- Working tips hand finished for precise alignment

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

General duty tweezers



| Cat No. | UPC No. | Packed | <div> <div>← L →</div> <div>Inchmm</div> </div> | | Description | Shelf Pack |
|---------|--------------|--------|---|-----|---|------------|
| XHT434 | 037103487636 | Carded | 4 ³ / ₄ | 121 | Smooth sharp points | 6 |
| XHT412 | 037103487629 | Carded | 4 ¹ / ₂ | 115 | Self closing, smooth sharp points for holding work | 6 |
| XHT612 | 037103487650 | Carded | 6 | 165 | Self closing, especially good for soldering and gluing | 6 |
| XHT678 | 037103487667 | Carded | 6 ⁷ / ₈ | 174 | For better view of close work for hard to reach places | 6 |
| XHT700 | 037103487674 | Carded | 7 | 178 | Slender tapered point to fit in tight places | 6 |
| XHT600 | 037103487643 | Carded | 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

Knives Swivel blade

- Free moving swivel for easy cutting of curves in light-weight material
- Both a knife and a screwdriver



| Cat No. | UPC No. | Packed | ← L → | | Type of blade | Shelf Pack |
|---------|--------------|--------|--------------------------------|-----|---------------|------------|
| | | | Inch | mm | | |
| XN400 | 037103487735 | Carded | 5 ¹ / ₁₆ | 129 | XNB-401 | 6 |

Xcelite®

Light-duty

- Designed for light-duty cutting on paper, soft and light weight materials or wood



| Cat No. | UPC No. | Packed | ← L → | | Type of blade | Shelf Pack |
|---------|--------------|--------|---------------------------------|-----|---------------|------------|
| | | | Inch | mm | | |
| XN100 | 037103487681 | Carded | 5 ¹³ / ₁₆ | 148 | XNB-103 | 6 |
| XN100B | 037103488466 | Carded | Same as XN-100 – Tube | | | 24 |

Medium-duty

- Designed for heavy paper and medium density materials




| Cat No. | UPC No. | Packed | ← L → | | Type of blade | Shelf Pack |
|---------|--------------|--------|-------------------------------|-----|---------------|------------|
| | | | Inch | mm | | |
| XN200 | 037103487698 | Carded | 5 ³ / ₄ | 146 | XNB-205 | 6 |

Heavy-duty plastic handle




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

| Cat No. | UPC No. | Packed | Inch |  mm | Type of blade | Shelf Pack |
|---------|--------------|--------|--------------------------------|--|---------------|------------|
| XN210 | 037103487704 | Carded | 5 ⁷ / ₁₆ | 137 | XNB-201 | 6 |

Carving




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

| Cat No. | UPC No. | Packed | Inch |  mm | Type of blade | Shelf Pack |
|---------|--------------|--------|-------------------------------|--|---------------|------------|
| XN300 | 037103487728 | Carded | 5 ⁵ / ₈ | 144 | XNB-301 | 6 |

Heavy-duty metal handle



- Best choice for detailing and sculpting wood
- Comfort grip handle gives excellent control
- Accepts all carving blades

| Cat No. | UPC No. | Packed | Inch |  mm | Type of blade | Shelf Pack |
|---------|--------------|--------|-------------------------------|--|---------------|------------|
| XN220 | 037103487711 | Boxed | 5 ¹ / ₂ | 140 | XNB-201 | 6 |

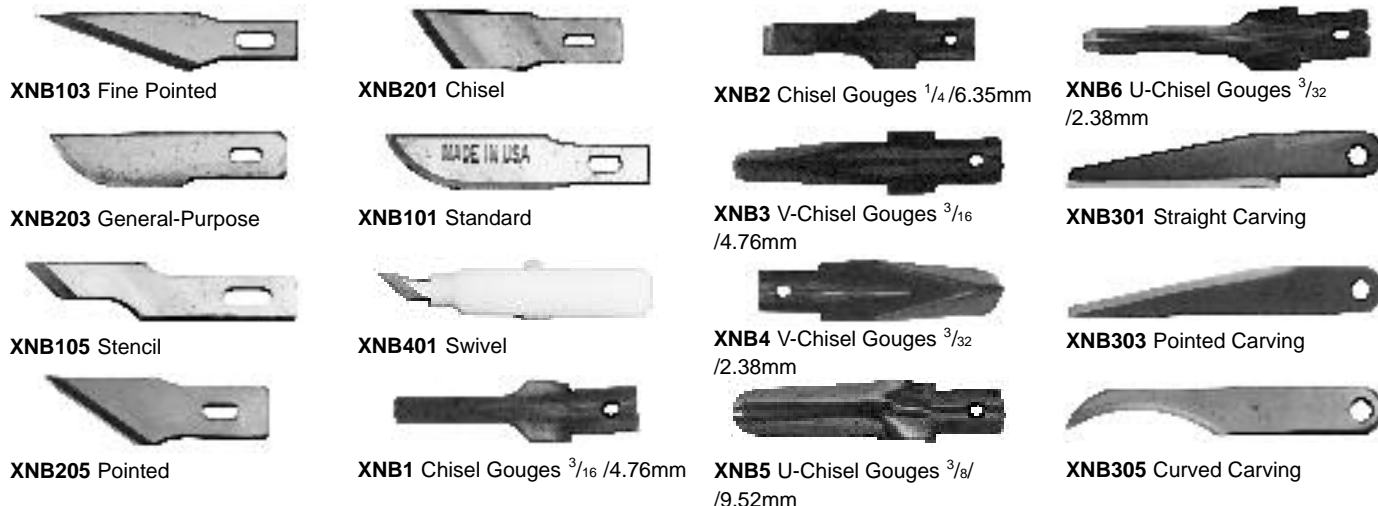
Light- and medium-duty knife set



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

| Cat No. | UPC No. | Packed | Contains | Shelf Pack |
|---------|--------------|--------|---|------------|
| XNS100 | 037103487742 | Carded | XN-100 and XN-200 knives & 10 assorted blades | 6 |

Blades



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

| Cat No. | UPC No. | Qty. | Description | Fits Knife | Shelf Pack |
|---------|--------------|------|--|-------------------|------------|
| XNB103 | 037103487766 | 5 | For most detailed cutting and stripping | XN100 | 6 |
| XNB103B | 037103488473 | 100 | For most detailed cutting and stripping | XN100 | 1 |
| XNB203 | 037103487797 | 5 | For most cutting requirements | XN100/210/220/300 | 6 |
| XNB105 | 037103487773 | 5 | For scoring and etching as well as stencil cutting | XN100 | 6 |
| XNB205 | 037103487803 | 5 | For close corner cuts on templates, mates, gaskets, also trimming, stripping and de-burring | XN200/210/220/300 | 6 |
| XNB201 | 037103487780 | 5 | Rough shaping de-burring and chiseling | XN220/210/220/300 | 6 |
| XNB101 | 037103487759 | 5 | General-duty for cutting, carving and correcting stencils | XN100 | 6 |
| XNB401 | 037103487810 | 5 | For paper craft including decoupage and cutting film, masks, whenever the finest cuts are needed | XN400 | 6 |
| XNB1 | 037103487865 | 2 | For general carving | XN300 | 6 |
| XNB2 | 037103487872 | 2 | Stay sharp edge for carving | XN300 | 6 |
| XNB3 | 037103487889 | 2 | Carves a "V" trough | XN300 | 6 |
| XNB4 | 037103487896 | 2 | For deeper "V" trough cuts | XN300 | 6 |
| XNB5 | 037103487902 | 2 | For deeper "U" trough gauges | XN300 | 6 |
| XNB6 | 037103487919 | 2 | For light "U" trough gauges | XN300 | 6 |
| XNB301 | 037103487834 | 2 | For general-purpose carving | XN300 | 6 |
| XNB303 | 037103487841 | 2 | For accurate carving details | XN300 | 6 |
| XNB305 | 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 D.I.Y. projects
- Packed neatly in an attractive easy-to-store case

| Cat No. | UPC No. | Packed | Inch | mm | Description | Shelf Pack |
|---------|--------------|--------|--------------------|---------|------------------------------------|------------|
| TKX11 | 037103487377 | Boxed | -- | -- | Complete tool kit | 1 |
| R144 | 037103485403 | Boxed | 1/4 x 4 | 101 | Round Blade Screwdriver | -- |
| R184 | 037103485496 | Boxed | 1/8 x 4 | 101 | Round Blade Screwdriver | -- |
| X101 | 037103486394 | Boxed | No. 1 Phillips x 3 | 76 | Round Blade Screwdriver | -- |
| 8 | 037103487001 | Boxed | 1/4 | -- | Hex Nutdriver | -- |
| P12S | 037103484857 | Boxed | No. 0 Phillips x 2 | 51 | Screwdriver | -- |
| 51CG | 037103481528 | Boxed | 6 | 152 | Long Nose Pliers with Side Cutter | -- |
| 46CG | 037103481467 | Boxed | 6 | 152 | Adjustable Wrench | -- |
| S141 | 037103485854 | Boxed | 1/4 x 1 1/4 | 32 | Stubby Square Blade Screwdriver | -- |
| 100X | 037103483560 | Boxed | -- | -- | Wire Stripper & Cut Adj. Screw Top | -- |
| W9210ME | 037103458766 | Boxed | 1/2 | 13 x 10 | 3048mm Metric/English Tape Rule | -- |
| 76C | 037103481986 | Boxed | 6 | 152 | Combination Plier, Chrome plated | -- |

Xcelite® attaché tool cases

For technicians, servicemen, and field engineers

- Choice of sturdy, spacious and attractive attaché style tools cases
- Aluminum tool cases plus flexible soft-sided case to meet virtually every need
- Each contains an ideal assortment and arrangement of top quality Xcelite® professional hand tools
- Tools neatly mounted in pockets, plus generous space for individualized selection of test instruments, parts boxes, Weller® soldering iron, Xcelite® measuring tapes and other tools
- Roomy file pocket in lid for service manuals, circuitry diagrams and literature

- 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 in. X 12 1/2 in. X 5 7/8 in./476mm X 318mm X 149mm

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

Model TC100ST and TC100MT



Xcelite®

| Cat No. | Description | Qty. | Cat No. | Description | Qty. | Cat No. | Description | Qty. |
|-----------|--|------|---------|--|------|---------|-------------------------|------|
| 991 | Handle – regular | 1 | 57CG | Needle nose pliers 5 1/2"/139mm | 1 | XST102 | Phillips screwdriver | 1 |
| 991R | Handle – regular ratchet | 1 | 59CG | Chain nose pliers 8"/203mm | 1 | P18 | Hex socket screwdriver | 1 |
| 994R | Handle – Tee ratchet | 1 | 86CG | Electronic snips | 1 | P19 | Hex socket screwdriver | 1 |
| 99X5 | Extension | 1 | 103S | Wire stripper/cutter | 1 | HS6 | Nutdriver—hollow shaft | 1 |
| 99X10 | Extension | 1 | K22 | Electrician's knife | 1 | HS8 | Nutdriver—hollow shaft | 1 |
| 9938 | Reamer | 1 | M60 | Mini drivers | 1 | HS10 | Nutdriver—hollow shaft | 1 |
| 99125 | Slotted screw blade | 1 | XL75 | Offset ratchet screwdrivers | 1 | HS11 | Nutdriver—hollow shaft | 1 |
| 99250 | Slotted screw blade | 1 | 600 | Combination screwdriver-nutdriver tool | 1 | HS12 | Nutdriver—hollow shaft | 1 |
| 99312 | Slotted screw blade | 1 | SB1 | Dual reversible screwdriver blade | 1 | HS14 | Nutdriver—hollow shaft | 1 |
| 99811 | Slotted screw blade | 1 | R144 | Slotted screwdriver | 1 | HS16 | Nutdriver—hollow shaft | 1 |
| 99820 | Phillips screw blade | 1 | R146 | Slotted screwdriver | 1 | HS18 | Nutdriver—hollow shaft | 1 |
| 99821 | Phillips screw blade | 1 | R181 | Slotted screwdriver | 1 | 8M | Nutdriver—magnetic | 1 |
| 99822 | Phillips screw blade | 1 | R184 | Slotted screwdriver | 1 | 10M | Nutdriver—magnetic | 1 |
| 9961 - 69 | Bristol 6-flute multi. spline blades (9) | 1 | R3164 | Slotted screwdriver | 1 | P3 | Midget nutdriver | 1 |
| 9920 - 26 | Allen hex socket type blades (7) | 1 | R3166 | Slotted screwdriver (insulated) | 1 | P4 | Midget nutdriver | 1 |
| 99764 | Allen hex socket type blade | 1 | R3323 | Slotted screwdriver | 1 | P5 | Midget nutdriver | 1 |
| 99964 | Allen hex socket type blade | 1 | R5325 | Slotted screwdriver | 1 | P6 | Midget nutdriver | 1 |
| 42H | Straight nose seizer | 1 | S388 | Slotted screwdriver | 1 | P7 | Midget nutdriver | 1 |
| 46CG | Adjustable wrench 6"/152mm | 1 | S3161 | Slotted screwdriver | 1 | P8 | Midget nutdriver | 1 |
| 50CG | Midget slip joint pliers 5"/127mm | 1 | S5161 | Slotted screwdriver | 1 | P9 | Midget nutdriver | 1 |
| 51CG | Long nose pliers 6"/152mm | 1 | S5166 | Slotted screwdriver | 1 | P10 | Midget nutdriver | 1 |
| 53CG | Utility pliers 7"/178mm | 1 | SX101 | Phillips screwdriver | 1 | P11 | Midget nutdriver | 1 |
| 54CG | Diagonal pliers 4"/101mm | 1 | XST100 | Phillips screwdriver | 1 | P12 | Midget nutdriver | 1 |
| 66CG | Diagonal pliers 6"/152mm | 1 | XST101 | Phillips screwdriver | 1 | TA2 | 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 in. X 12 ⁵/₈ in. X 7 ⁷/₈ in./448mm X 321mm X 200mm

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

| Cat No. | Description | Qty. | Cat No. | Description | Qty. | Cat No. | Description | Qty. |
|-----------|--|------|---------|--|------|---------|-------------------------|------|
| 991 | Handle – regular | 1 | 57CG | Needle nose pliers 5 1/2"/139mm | 1 | XST102 | Phillips screwdriver | 1 |
| 991R | Handle – regular ratchet | 1 | 59CG | Chain nose pliers 8"/203mm | 1 | P18 | Hex socket screwdriver | 1 |
| 994R | Handle – Tee ratchet | 1 | 86CG | Electronic snips | 1 | P19 | Hex socket screwdriver | 1 |
| 99X5 | Extension | 1 | 103S | Wire stripper/cutter | 1 | HS6 | Nutdriver—hollow shaft | 1 |
| 99X10 | Extension | 1 | K22 | Electrician's knife | 1 | HS8 | Nutdriver—hollow shaft | 1 |
| 9938 | Reamer | 1 | M60 | Mini driver | 1 | HS10 | Nutdriver—hollow shaft | 1 |
| 99125 | Slotted screw blade | 1 | XL75 | Offset ratchet screwdrivers | 1 | HS11 | Nutdriver—hollow shaft | 1 |
| 99250 | Slotted screw blade | 1 | 600 | Combination screwdriver-nutdriver tool | 1 | HS12 | Nutdriver—hollow shaft | 1 |
| 99312 | Slotted screw blade | 1 | SB1 | Dual reversible screwdriver blade | 1 | HS14 | Nutdriver—hollow shaft | 1 |
| 99811 | Slotted screw blade | 1 | R144 | Slotted screwdriver | 1 | HS16 | Nutdriver—hollow shaft | 1 |
| 99820 | Phillips screw blade | 1 | R146 | Slotted screwdriver | 1 | HS18 | Nutdriver—hollow shaft | 1 |
| 99821 | Phillips screw blade | 1 | R181 | Slotted screwdriver | 1 | 8M | Nutdriver—magnetic | 1 |
| 99822 | Phillips screw blade | 1 | R184 | Slotted screwdriver | 1 | 10M | Nutdriver—magnetic | 1 |
| 9961 - 69 | Bristol 6-flute multi. spline blades (9) | 1 | R3164 | Slotted screwdriver | 1 | P3 | Midget nutdriver | 1 |
| 9920 - 26 | Allen hex socket type blades (7) | 1 | R3166 | Slotted screwdriver (insulated) | 1 | P4 | Midget nutdriver | 1 |
| 99764 | Allen hex socket type blade | 1 | R3323 | Slotted screwdriver | 1 | P5 | Midget nutdriver | 1 |
| 99964 | Allen hex socket type blade | 1 | R5325 | Slotted screwdriver | 1 | P6 | Midget nutdriver | 1 |
| 42H | Straight nose seizer | 1 | S388 | Slotted screwdriver | 1 | P7 | Midget nutdriver | 1 |
| 46CG | Adjustable wrench 6"/152mm | 1 | S3161 | Slotted screwdriver | 1 | P8 | Midget nutdriver | 1 |
| 50CG | Midget slip joint pliers 5"/127mm | 1 | S5161 | Slotted screwdriver | 1 | P9 | Midget nutdriver | 1 |
| 51CG | Long nose pliers 6"/152mm | 1 | S5166 | Slotted screwdriver | 1 | P10 | Midget nutdriver | 1 |
| 53CG | Utility pliers 7"/178mm | 1 | SX101 | Phillips screwdriver | 1 | P11 | Midget nutdriver | 1 |
| 54CG | Diagonal pliers 4"/101mm | 1 | XST100 | Phillips screwdriver | 1 | P12 | Midget nutdriver | 1 |
| 66CG | Diagonal pliers 6"/152mm | 1 | XST101 | Phillips screwdriver | 1 | TA-2 | 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 in. X 12 ⁵/₈ in. X 5 ³/₄ in./451mm X 321mm X 146mm



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

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

Xcelite®

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 in. X 12 in. X 3 1/4 in./432mm X 305mm X 83mm
- Cordura® is a registered trademark of DUPONT

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

| Cat No. | Description | Qty. | Cat No. | Description | Qty. | Cat No. | Description | Qty. |
|-----------|--|------|---------|--|------|---------|-------------------------|------|
| 991 | Handle – regular | 1 | 57CG | Needle nose pliers 5 1/2"/139mm | 1 | XST102 | Phillips screwdriver | 1 |
| 991R | Handle – regular ratchet | 1 | 59CG | Chain nose pliers 8"/203mm | 1 | P18 | Hex socket screwdriver | 1 |
| 994R | Handle – Tee ratchet | 1 | 86CG | Electronic snips | 1 | P19 | Hex socket screwdriver | 1 |
| 99X5 | Extension | 1 | 103S | Wire stripper/cutter | 1 | HS6 | Nutdriver—hollow shaft | 1 |
| 99X10 | Extension | 1 | K22 | Electrician's knife | 1 | HS8 | Nutdriver—hollow shaft | 1 |
| 9938 | Reamer | 1 | M160 | Mini driver | 1 | HS10 | Nutdriver—hollow shaft | 1 |
| 99125 | Slotted screw blade | 1 | XL75 | Offset ratchet screwdrivers | 1 | HS11 | Nutdriver—hollow shaft | 1 |
| 99250 | Slotted screw blade | 1 | 600 | Combination screwdriver-nutdriver tool | 1 | HS12 | Nutdriver—hollow shaft | 1 |
| 99312 | Slotted screw blade | 1 | SB1 | Dual reversible screwdriver blade | 1 | HS14 | Nutdriver—hollow shaft | 1 |
| 99811 | Slotted screw blade | 1 | R144 | Slotted screwdriver | 1 | HS16 | Nutdriver—hollow shaft | 1 |
| 99820 | Phillips screw blade | 1 | R146 | Slotted screwdriver | 1 | HS18 | Nutdriver—hollow shaft | 1 |
| 99821 | Phillips screw blade | 1 | R181 | Slotted screwdriver | 1 | 8M | Nutdriver—magnetic | 1 |
| 99822 | Phillips screw blade | 1 | R184 | Slotted screwdriver | 1 | 10M | Nutdriver—magnetic | 1 |
| 9961 - 69 | Bristol 6-flute multi. spline blades (9) | 1 | R3164 | Slotted screwdriver | 1 | P3 | Midget nutdriver | 1 |
| 9920 - 26 | Allen hex socket type blades (7) | 1 | R3166 | Slotted screwdriver (insulated) | 1 | P4 | Midget nutdriver | 1 |
| 99764 | Allen hex socket type blade | 1 | R3323 | Slotted screwdriver | 1 | P5 | Midget nutdriver | 1 |
| 99964 | Allen hex socket type blade | 1 | R5325 | Slotted screwdriver | 1 | P6 | Midget nutdriver | 1 |
| 42H | Straight nose seizer | 1 | S388 | Slotted screwdriver | 1 | P7 | Midget nutdriver | 1 |
| 46CG | Adjustable wrench 6"/152mm | 1 | S3161 | Slotted screwdriver | 1 | P8 | Midget nutdriver | 1 |
| 50CG | Midget slip joint pliers 5"/127mm | 1 | S5161 | Slotted screwdriver | 1 | P9 | Midget nutdriver | 1 |
| 51CG | Long nose pliers 6"/152mm | 1 | S5166 | Slotted screwdriver | 1 | P10 | Midget nutdriver | 1 |
| 53CG | Utility pliers 7"/178mm | 1 | SX101 | Phillips screwdriver | 1 | P11 | Midget nutdriver | 1 |
| 54CG | Diagonal pliers 4"/101mm | 1 | XST100 | Phillips screwdriver | 1 | P12 | Midget nutdriver | 1 |
| 66CG | Diagonal pliers 6"/152mm | 1 | XST101 | Phillips screwdriver | 1 | TA2 | 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 in. X 12 ⁵/₈ in. X 4 ¹/₄ in./457mm X 321mm X 108mm



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

Xcelite®

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

Model TCA150ST and TCA150MT



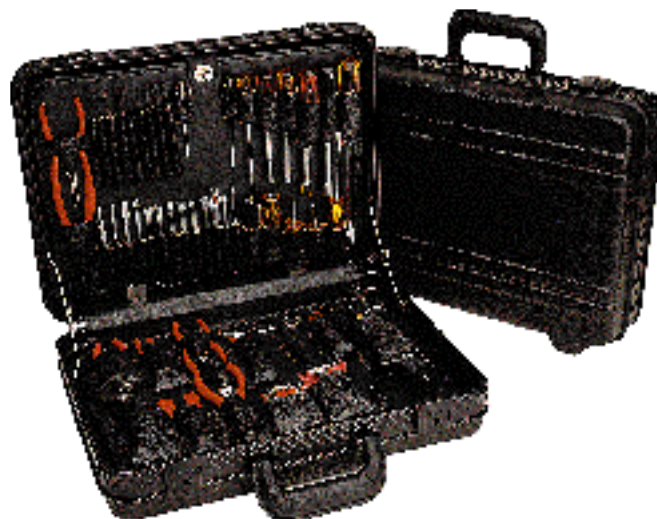
- Carefully selected, intermediate assortment of Xcelite® hand tools and WP25 Weller® 25 watt soldering iron
- Contains 23 individual hand tools, 24 Series 99® interchangeable screwdriver/nutdriver blades and handles, XL70 offset ratchet screwdriver set, measuring tape and solder (as listed)
- High tech 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 in. X 12 ⁵/₈ in. X 5 ³/₄ in./448mm X 321mm X 146mm

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

| Cat No. | Description | Qty. | Cat No. | Description | Qty. | Cat No. | Description | Qty. |
|-----------------------|-----------------------------------|------|---------|----------------------------|------|---------|---------------------------------------|------|
| 991, 994R | Handles (regular and ratchet Tee) | 1 | 51CG | Long nose pliers 6"/152mm | 1 | S5166 | Slotted screwdriver | 1 |
| 99X5 | Extension | 1 | 54CG | 4"/102mm Diagonal | 1 | S3161 | Slotted screwdriver | 1 |
| 9920—26, 99764, 99964 | Allen hex-socket type blades (9) | 1 | 55CG | 5"/127mm Diagonal | 1 | SX101 | Phillips screwdriver | 1 |
| 996—12 | Hex nutdriver blades (7) | 1 | 57CG | 5 1/2"/102mm Diagonal | 1 | XL75 | 5-piece set in see-thru plastic pouch | 1 |
| 99250 & 99811 | Hex nutdriver blades | 1 | 59CG | 8"/203mm Chain nose pliers | 1 | 600 | Combination Dual Nutdriver Handle | 1 |
| 99821 & 99822 | Phillips screw blades | 1 | 86CG | Electronic snips | 1 | W9210ME | 10-foot tape | 1 |
| 9938 | Reamer | 1 | 101S | Wire stripper | 1 | HS14 | Hollow shaft | 1 |
| 42H | Seizer | 1 | K22 | Electrician's knife | 1 | HS16 | Hollow shaft | 1 |
| 46CG | Adjustable wrench | 1 | R181 | Slotted screwdriver | 1 | 8M | Magnetic | 1 |
| 50CG | Midget slip joint pliers 5"/127mm | 1 | R3323 | Slotted screwdriver | 1 | 10M | Magnetic | 1 |
| 53CG | 7"/178mm Utility pliers | 1 | R184 | Slotted screwdriver | 1 | WP25 | Weller 25 watt soldering iron | 1 |
| | | | R3164 | Slotted screwdriver | 1 | RC60 | 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 in. X 12 ⁵/₈ in. X 4 ³/₄ in./451mm X 321mm X 121mm



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

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

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

| Cat No. | Description | Qty. |
|---------|---------------------------------------|------|
| S5166 | Slotted screwdriver | 1 |
| S3161 | Slotted screwdriver | 1 |
| SX101 | Phillips screwdriver | 1 |
| XL75 | 5-piece set in see-thru plastic pouch | 1 |
| 600 | Combination Dual Nutdriver Handle | 1 |
| W9210ME | 10-foot tape | 1 |
| HS14 | Hollow shaft | 1 |
| HS16 | Hollow shaft | 1 |
| 8M | Magnetic | 1 |
| 10M | Magnetic | 1 |
| WP25 | Weller 25 watt soldering iron | 1 |
| RC60 | Rosin core solder | 1 |

Xcelite®

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 in. X 12 in. X 3 in./432mm X 305mm X 76mm

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

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

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

| Cat No. | Description | Qty. |
|---------|---------------------------------------|------|
| S5166 | Slotted screwdriver | 1 |
| S3161 | Slotted screwdriver | 1 |
| SX101 | Phillips screwdriver | 1 |
| XL75 | 5-piece set in see-thru plastic pouch | 1 |
| 600 | Combination Dual Nutdriver Handle | 1 |
| W9210ME | 10-foot tape | 1 |
| HS14 | Hollow shaft | 1 |
| HS16 | Hollow shaft | 1 |
| 8M | Magnetic | 1 |
| 10M | Magnetic | 1 |
| WP25 | Weller 25 watt soldering iron | 1 |
| RC60 | Rosin core solder | 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 in. X 12 ⁵/₈ in. X 4 ¹/₄ in./457mm X 321mm X 108mm



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

Xcelite®

| Cat No. | Description | Qty. | Cat No. | Description | Qty. | Cat No. | Description | Qty. |
|-------------|----------------------------|------|---------|---------------------|------|---------|---------------------------------|------|
| 991 | Straight handle | 1 | 99811 | Slotted screw blade | 1 | 43H | Curved nose seizer 6"/152mm | 1 |
| 994 | Tee handle | 1 | 99250 | Slotted screw blade | 1 | 46CG | Adjustable wrench 6"/152mm | 1 |
| 9920 - 9926 | Hex socket screw blades(7) | 1 | 99312 | Slotted screw blade | 1 | 51CG | Long nose pliers 6 1/2"/165mm | 1 |
| 99764 | Hex socket screw blade | 1 | 996 | Hex nutdriver blade | 1 | 53CG | Utility pliers 7"/178mm | 1 |
| 99964 | Hex socket screw blade | 1 | 998 | Hex nutdriver blade | 1 | 64CG | Diagonal pliers 4"/101mm | 1 |
| 9938 | Reamer | 1 | 9910 | Hex nutdriver blade | 1 | 55CG | Diagonal pliers 5"/127mm | 1 |
| 99X5 | Extension | 1 | 9911 | Hex nutdriver blade | 1 | 57CG | Needle nose pliers 5 1/2"/139mm | 1 |
| 99820 | Phillips screw blade | 1 | 9912 | Hex nutdriver blade | 1 | 86CG | Electronic snips | 1 |
| 99821 | Phillips screw blade | 1 | 9914 | Hex nutdriver blade | 1 | 101S | Wire stripper-cutter | 1 |
| 99822 | Phillips screw blade | 1 | 9916 | Hex nutdriver blade | 1 | K22 | Electrician's knife | 1 |
| 99125 | 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 in. X 10 1/2 in. X 2 3/8 in./343mm X 267mm X 60mm
- Cordura® is a registered trademark of DUPONT

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

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

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 60-70 lbs. (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

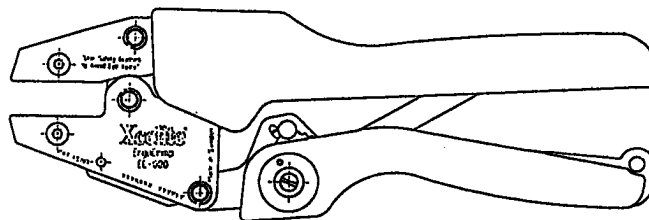
Economy

- 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"

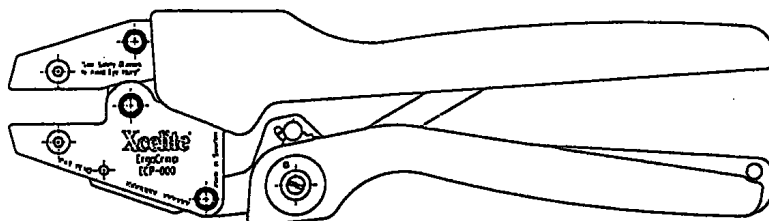
Weight: 1.1 lbs.



ErgoCrimp Plus® (ECP-000 Frame)

Length: 10.0"

Weight: 1.2 lbs.



ErgoCrimp Plus® for 22-10 AWG insulated terminals and splices

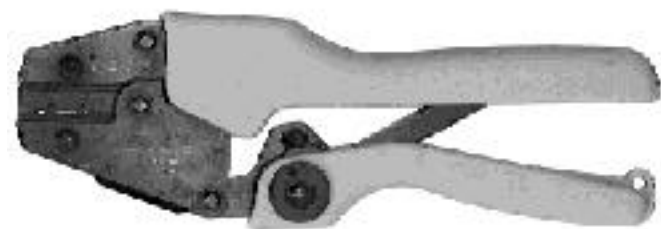


- ECP000 large ergonomic frame for large hands
- D100 die set for 22-10 AWG red, blue and yellow insulated terminals and splices
- Mechanical gain estimated 50%
- Guaranteed for at least 50,000 cycles
- Variety of die sets available

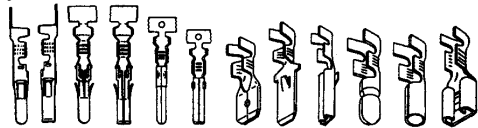


| Cat No. | UPC No. | Packed | Description | Pack wt. | | Shelf Pack |
|---------|--------------|--------|-------------------------------|----------|------|------------|
| | | | | lb | kg | |
| ECP100 | 037103059307 | Boxed | ECP000 frame and D100 die set | 1.2 | 0.54 | 1 |
| D100 | 037103059345 | Boxed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

ErgoCrimp® for 30-20 AWG open-barrel and D-subminiature contacts

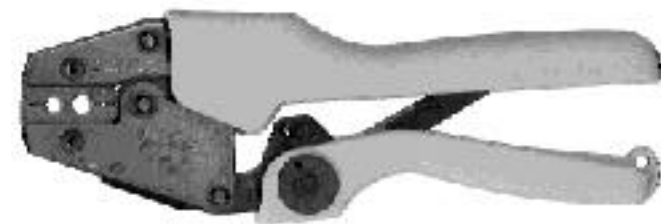


- EC000 ergonomic frame for small hands
- D108 die set for 30-20 AWG open-barrel and D-sub-miniature contacts
- Mechanical gain estimated 25%
- Guaranteed for at least 50,000 cycles
- Variety of die sets available

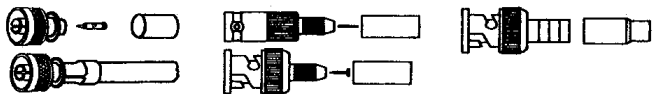


| Cat No. | UPC No. | Packed | Description | Pack wt. | | Shelf Pack |
|---------|--------------|--------|------------------------------|----------|------|------------|
| | | | | lb | kg | |
| EC108 | 037103059284 | Boxed | EC000 frame and D108 die set | 1.1 | 0.50 | 1 |
| D108 | 037103059420 | Boxed | 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 | |
| EC102 | 037103059314 | Boxed | EC000 frame and D102 die set | 1.1 | 0.50 | 1 |
| D102 | 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 | |
| ECKIT | 037103059291 | Boxed | Crimping tool kit | 2.30 | 1.04 | 1 |

Xcelite®

Frame only – ErgoCrimp Plus® crimping tool

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



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

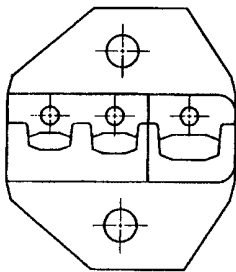
Frame only – ErgoCrimp® crimping tool

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



| Cat No. | UPC No. | Packed | Description | Pack wt. | | Shelf Pack |
|---------|--------------|--------|--------------------------------|----------|------|------------|
| | | | | lb | kg | |
| EC000 | 037103059321 | Boxed | ErgoCrimp® crimping tool-small | 0.80 | 0.36 | 1 |

ErgoCrimp® die set for insulated terminals and splices

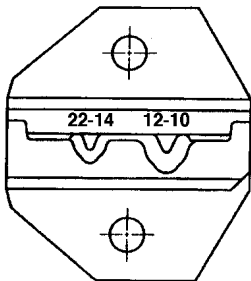


- For 22-10 AWG red, blue and yellow insulated terminals and splices
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools



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

ErgoCrimp® die set for non-insulated terminals and splices

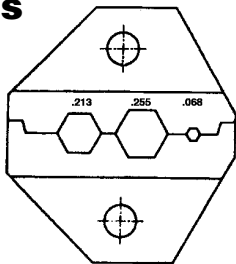


- For 22-10 AWG non-insulated terminals and splices
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools

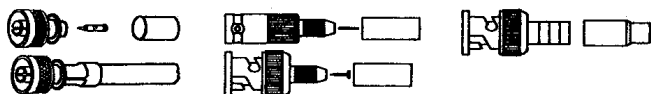


| Cat No. | UPC No. | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------|------------|
| D101 | 037103059352 | Boxed | Die set | 1 |

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

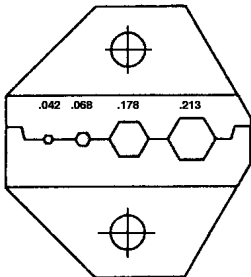


- For RG 58, RG 59/62 AU BNC/TNC - .213 in., .255 in. and .068 in. hex cavities
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools

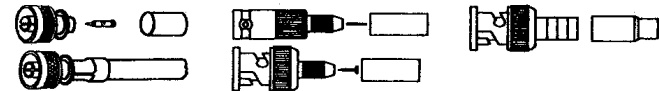


| Cat No. | UPC No. | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------|------------|
| D102 | 037103059369 | Boxed | Die set | 1 |

ErgoCrimp® die set for RG58, RG174, 50 and 75 ohm coaxial connectors



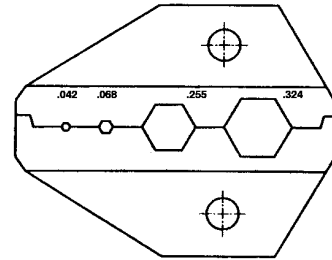
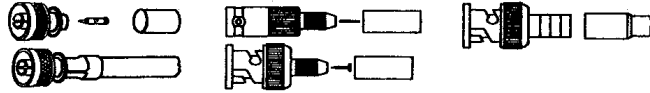
- For RG 58, RG 174, 50 and 75 ohm center contacts - .213 in., .178 in. and .068 in. hex cavities
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools



| Cat No. | UPC No. | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------|------------|
| D-103 | 037103059376 | Boxed | Die set | 1 |

ErgoCrimp® die set for RG59, Belden® 8281, 50 and 75 ohm coaxial connectors

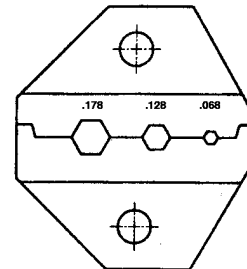
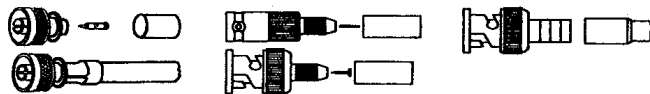
- For RG 59, Belden® 8281, 50 and 75 ohm center contacts - .324 in., .255 in., .068 in. and .042 in. hex cavities
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools
- Belden® is a registered trademark of BELDEN, INC.



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

ErgoCrimp® die set for RG174 BNC/TNC coaxial connectors

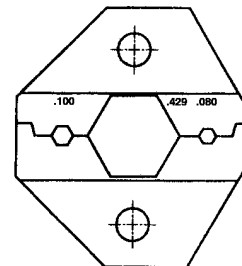
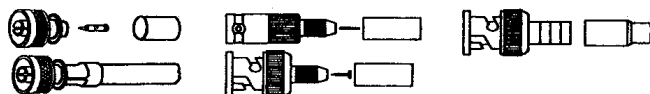
- For RG 174 BNC/TNC - .178 in., .128 in., and .068 in. hex cavities
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools



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

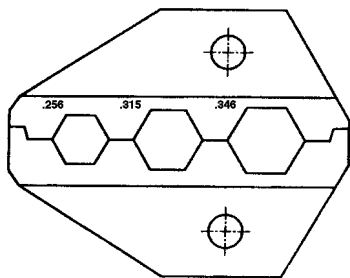
ErgoCrimp® die set for RG8, RG11, RG213, RG216 coaxial connectors

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

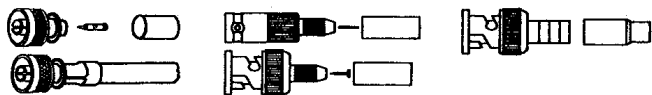


| Cat No. | UPC No. | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------|------------|
| D106 | 037103059444 | Boxed | Die set | 1 |

ErgoCrimp® die set for RG59, RG6 CATV coaxial connectors

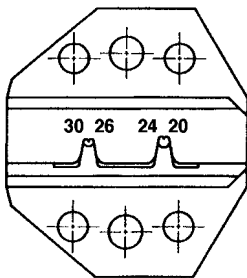


- For RG 59, RG 6 CATV “F” connectors - .346 in., .315 in., .256 in. hex cavities
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools

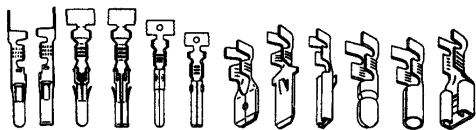


| Cat No. | UPC No. | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------|------------|
| D107 | 037103059413 | Boxed | Die set | 1 |

ErgoCrimp® die set for open-barrel and D-subminiature contacts

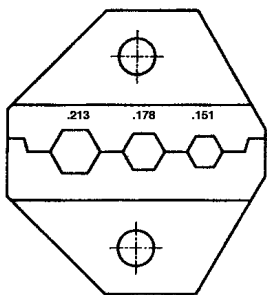


- For 30-20 AWG open-barrel and D-sub-miniature pin and pocket contacts
- Precision-machined hardened steel
- Fits ErgoCrimp® and ErgoCrimp Plus® tools

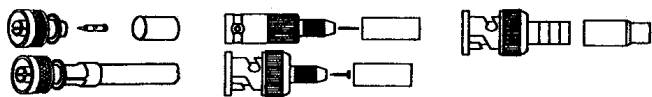


| Cat No. | UPC No. | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------|------------|
| D108 | 037103059420 | Boxed | Die set | 1 |

ErgoCrimp® die set for SMA/SFR fiber optic connectors



- For SMA/SFR fiber optic connectors requiring .213 in., .178 in., .151 in. 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 |

Xcelite® 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 60-70 lbs. (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 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

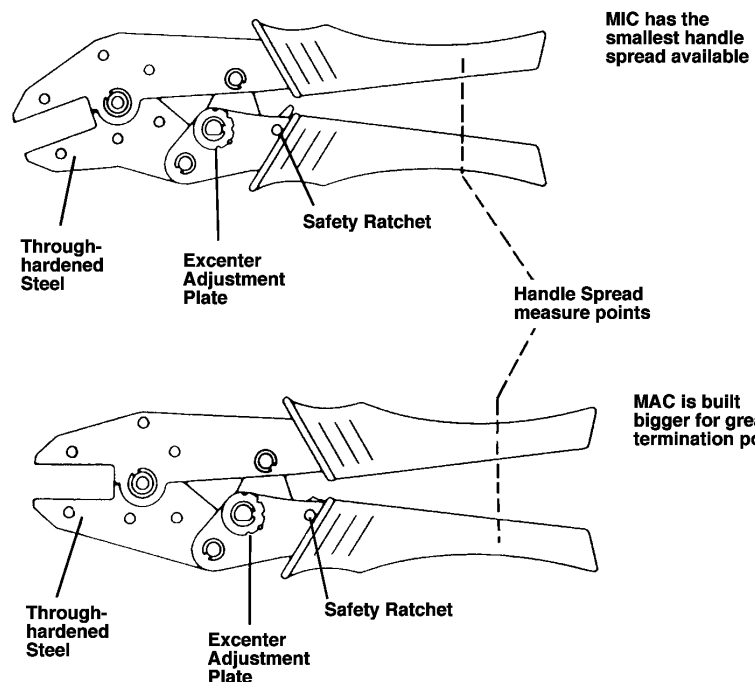
- Because of their considerable advantages in quality, speed, and efficiency, the payoff time for an investment in Xcelite® tools is extremely short.

Mini-crimper (MIC)

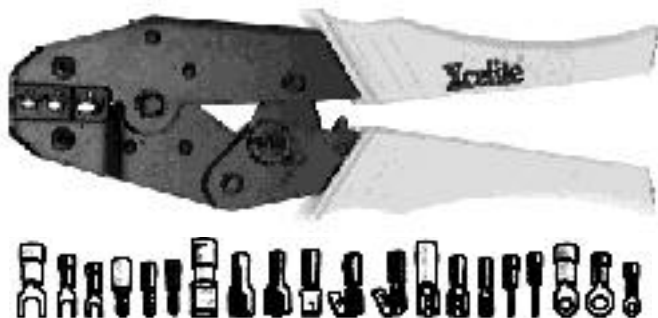
Length: 7.68"
Weight: 0.55 lbs.
Open Handle Spread: 3.66"
Closed Handle Spread: 1.90"
Max. Crimp Force: 1,600 lbs.

Maxi-crimper (MAC)

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



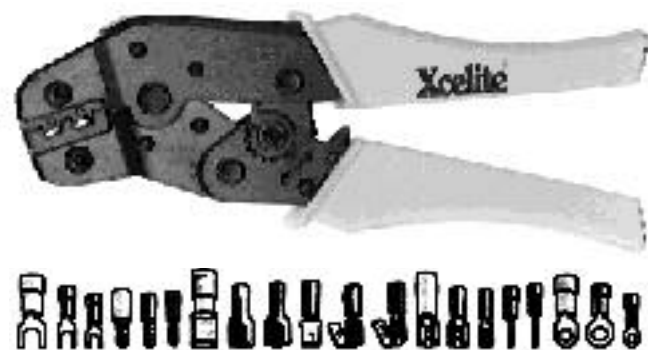
Maxi-Crimper for insulated terminals and splices



- Maxi-Crimper built bigger for greater terminating power
- Crimps 22-10 AWG (.75-6.0 mm²) 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 | |
| MAC2210 | 037103489180 | Boxed | Maxi-crimper tool | 1.1 | 0.5 | 1 |
| D2210 | 037103490186 | Boxed | Die set for MAC2210 | -- | -- | 1 |

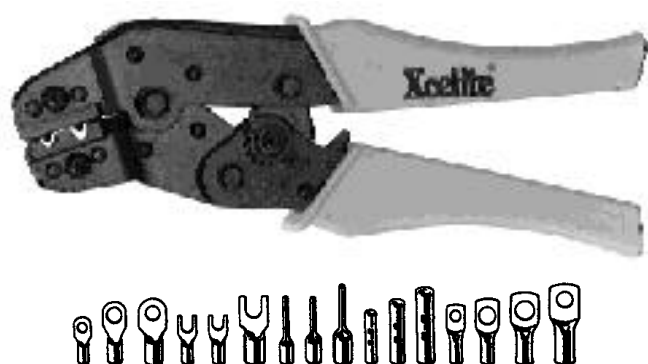
Mini-Crimper for insulated terminals and splices



- Mini-Crimper smallest professional crimp tool of its kind
- Crimps 22-14 AWG (.75-2.5 mm²) 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 | |
| MIC2214 | 037103489197 | Boxed | Mini-crimper tool | 0.55 | 0.25 | 1 |
| D2214 | 037103490193 | Boxed | Die set for MIC2214 | -- | -- | 1 |

Mini-Crimper for non-insulated terminals and splices

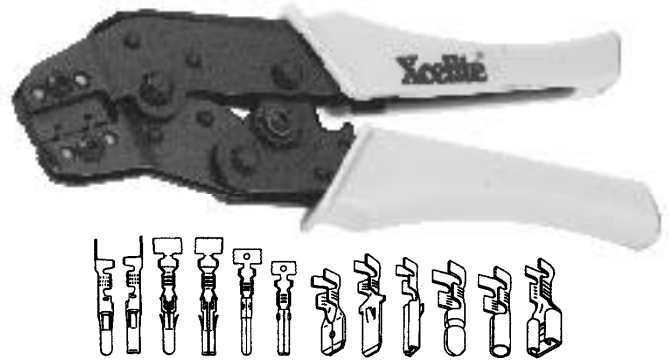


- Mini-Crimper smallest professional crimp tool of its kind
- Crimps 22-10 AWG (.75-6.0 mm²) non-insulated terminals and splices
- Designed to crimp butted, brazed and seamless barrel non-insulated terminals and splices
- Incorporates ratchet to ensure a full-cycle complete crimp every time
- Crimps 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 | |
| MIC2210 | 037103490384 | Boxed | Mini-crimper tool | 0.55 | 0.25 | 1 |

Mini-Crimper for open barrel and D-subminiature contacts

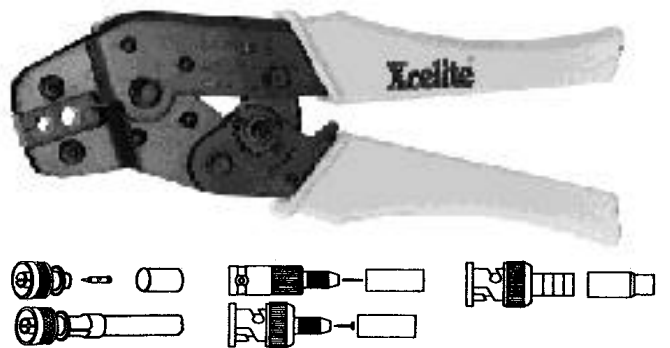
- Mini-Crimper smallest professional crimp tool of its kind
- Universal tool designed to crimp a wide range of open-barrel and D-subminiature contacts 30-20 AWG
- Versatile tool for pins, sockets, disconnects and other open-barrel contacts from AMP, MOLEX, ITT Cannon and others
- Incorporates ratchet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



| Cat No. | UPC No. | Packed | Description | Pack wt. | | Shelf Pack |
|-----------|--------------|--------|-------------------|----------|------|------------|
| | | | | lb | kg | |
| MIC3020BL | 037103490391 | Boxed | Mini-crimper tool | 0.55 | 0.25 | 1 |

Mini-Crimper for RG58 and RG59 BNC/TNC coaxial connectors

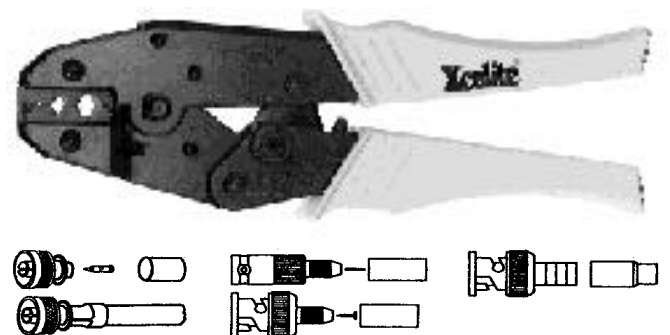
- Mini-Crimper smallest professional crimp tool of its kind
- Crimps RG 58 and RG 59 BNC/TNC coaxial connectors to industry standard crimp specifications
- Incorporates ratchet to ensure a full-cycle complete crimp every time
- Dies interchangeable with MIC2214



| Cat No. | UPC No. | Packed | Description | Pack wt. | | Shelf Pack |
|---------|--------------|--------|---------------------|----------|------|------------|
| | | | | lb | kg | |
| MIC5859 | 037103489227 | Boxed | Mini-crimper tool | 0.55 | 0.25 | 1 |
| D5859 | 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 | |
| MAC8259 | 037103491176 | Boxed | Maxi-crimper tool | 1.1 | 0.50 | 1 |
| D8259 | 037103491183 | Boxed | Die set for MAC-8259 | -- | -- | 1 |

Modular plug crimping tools



- Pistol-style frame ergonomically designed to maximize user comfort
- Jaw area of the frame and die sets consists of durable, high quality all-steel construction tested for 50,000 cycles
- True parallel action within the die set/jaw area ensures the highest quality performance
- Smooth ratchet action ensures full connector termination

| Cat No. | UPC No. | Packed | Description | Pack wt. | | Shelf Pack |
|---------|--------------|--------|----------------------------------|----------|------|------------|
| | | | | lb | kg | |
| MIPRJ11 | 037103491428 | Boxed | Crimp tool for RJ11 modular plug | 1.1 | 0.50 | 1 |
| MIPRJ22 | 037103491435 | Boxed | Crimp tool for RJ22 modular plug | 1.1 | 0.50 | 1 |
| MIPRJ45 | 037103491442 | Boxed | Crimp tool for RJ45 modular plug | 1.1 | 0.50 | 1 |







Die sets for modular plug crimping tools



- All dies crimp both primary and secondary strain relief
- Fits AT & T/SS plugs
- All die sets interchangeable
- Fits 4 of the most popular plugs (RJ11 6-position, RJ22 4-position, RJ45 8-position, MMJ)

| Cat No. | UPC No. | Packed | Description | Shelf Pack |
|---------|--------------|--------|---------------------|------------|
| DRJ11 | 037103491497 | Boxed | Die set for MIPRJ11 | 1 |
| DRJ22 | 037103491503 | Boxed | Die set for MIPRJ22 | 1 |
| DRJ45 | 037103491459 | Boxed | Die set for MIPRJ45 | 1 |
| DMMJ | 037103491466 | Boxed | Die set for MIPMMJ | 1 |

Crimps four of the most popular plugs:

| RJ11, 6 position | | RJ22, 4 position | RJ45, 8 position | | MMJ |
|--|---|---|---|---|---|
|  |  |  |  |  |  |
| 4 contacts | 6 contacts | Handset | Keyed | Non-keyed | DE connect |

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

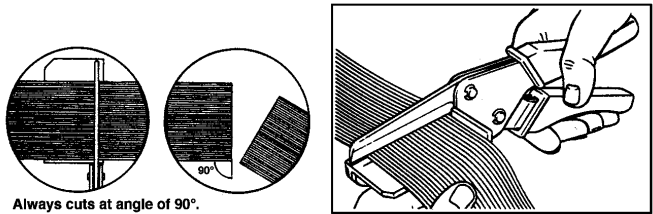


| Cat No. | UPC No. | Packed | Description | Shelf Pack |
|---------|--------------|--------|-------------|------------|
| MIPKIT | 037103491473 | Boxed | Tool kit | 1 |



Flat cable cutters

- Handy cutting tool for flat cable
- Powerful enough to cut under-carpet electrical cable (up to 4 positions)
- Provides an even undistorted cut across all conductors up to 64 positions
- Always cuts at 90° angle
- Only flat cable cutter with a single-piece solid blade for increased durability, accuracy and power
- Built-in guide assures square cut



Always cuts at angle of 90°.

| Cat No. | UPC No. | Packed | Length Overall of Cut | | Length | | Pack wt. | | Shelf Pack |
|---------|--------------|--------|-----------------------|----|--------|-----|----------|------|------------|
| | | | Inch | mm | Inch | mm | lb | kg | |
| 64FCC | 037103489395 | Boxed | 3.2 | 81 | 10 | 250 | 0.92 | 0.43 | 1 |

Spare Parts

| | | | | | | | | | |
|-------|--------------|-------|---------------|----|----|----|----|----|---|
| 64ANV | 037103489401 | Boxed | Anvil | -- | -- | -- | -- | -- | 1 |
| 64BLD | 037103489418 | Boxed | Cutting blade | -- | -- | -- | -- | -- | 1 |

Combination, self-adjusting wire stripper

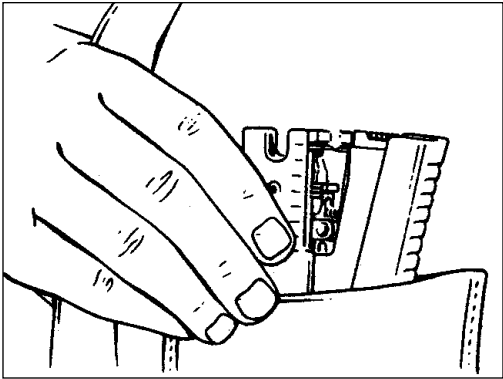


- Pocket size built for comfort
- Body of tough fiberglass-reinforced nylon
- No other self-adjusting wire stripper allows hand that positions cable and hand that cycles tool to work so closely together
- Mechanics made of high quality corrosion-protected special hardened Swedish steel
- Widest cutting and stripping range in 1 tool
- Cuts and strips nylon and PVC insulated cable 30-12 AWG (.05-6.0 mm²)
- Features handy end key ring for securing tool to work station

| Cat No. | UPC No. | Packed | Stripping & Cutting Capacity | Overall Length | | Pack wt. | | Shelf Pack |
|---------|--------------|--------|-------------------------------------|----------------|-------|----------|-----|------------|
| | | | | Inch | mm | lb | kg | |
| SAS2812 | 037103489388 | Boxed | 30-12 AWG (.05-6.0mm ²) | 4.9 | 125.0 | 0.36 | 1.7 | 1 |

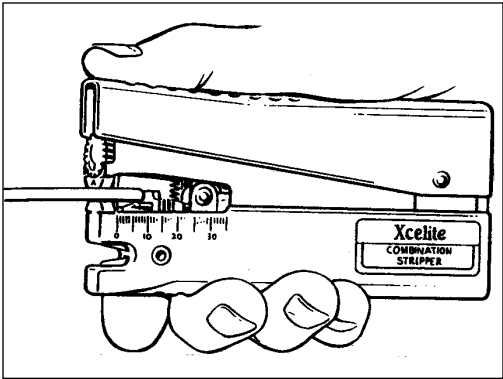
- Fits conveniently into pocket for easy storage and retrieval

Fits into pocket



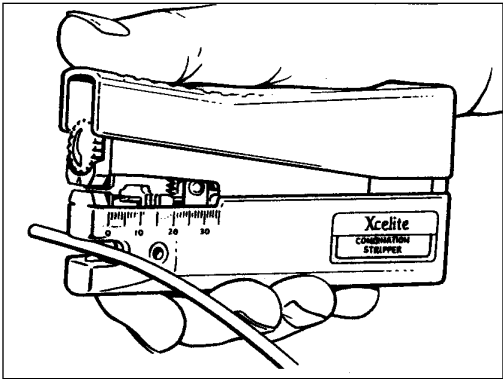
- Ingenious mechanism on Combination Stripper automatically adjusts the holding force on cable

Automatic adjustment to cable area



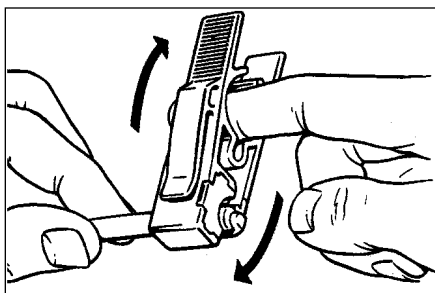
- Combination Stripper also equipped with excellent built-in cutter
- Required force reduced to minimum on thin cables and automatically increased on thicker cables
- Construction also avoids damaging conductor or insulation while stripping
- Tested for 100,000 operations

Built-in cutter



Coaxial Wire Strippers

Economical coaxial wire stripper



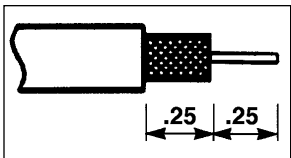
- Spring-like action coaxial wire stripper specially designed to quickly and easily strip RG Series cables for CATV "F" connectors



- 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 and RG6

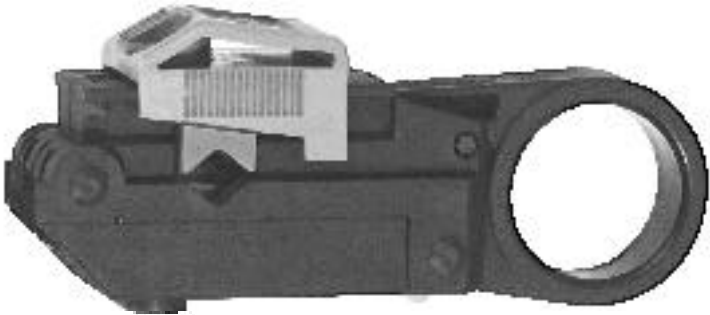
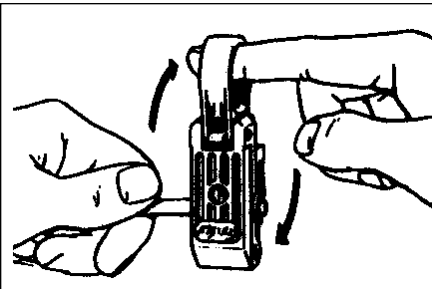
- Tool specially designed to quickly and easily strip RG 59 and RG 6 cables for CATV "F" connectors
- Built-in stop (no adjustments needed)
- Replaceable blade cassette lasts 1,000-2,000 strips
- Convenient built-in belt clip
- Full operating instructions listed on back of blister card



Xcelite®

| Cat No. | UPC No. | Packed | Description | Blade spacing | | Shelf Pack |
|----------|--------------|--------|------------------|---------------|----|------------|
| | | | | lb | mm | |
| 2CSKCATV | 037103045324 | Carded | For RG59 and RG6 | 1/4 | 6 | 3 |

Coaxial Wire Stripper – Full kits and pre-adjusted models

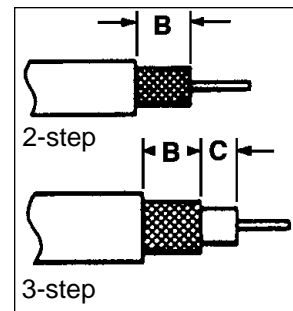


- Fastest accurate coax-stripping system
- Coaxial cable from .10 in. to .30 in. (1.87-7.6 mm) in thickness (RG 178 up to RG 6) stripped in seconds
- Also removes dielectric, braid and outside insulation
- Xcelite® system available with different color-coded cassettes designed to meet exact stripping 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 in. to .3 in./2.5-7.6 mm)
- 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 in.-.30 in. (2.5-7.6 mm), RG 174 to Belden® 8281 or RG 6
- Belden® is a registered trademark of Belden, Inc.



| Kit Cat No. | UPC No. | Type | Packed | Cassette Cat No. & color | Cassette UPC No. | Blade Spacing | | | | Cover Strip Length Specs. | | | | Shelf Pack |
|-------------------|--------------|--------|---------|--------------------------------|---------------------|---------------|------|------|-----|--|-----------|---|---------|---------------|
| | | | | | | (B) | | (C) | | (B) | | (C) | | |
| | | | | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | |
| 2CSKR | 037103489456 | 2-step | Pouched | 2CR red | 037103489493 | 0.24 | 6.0 | -- | -- | ⁷ / ₃₂ - ¹ / ₄ | 5.6-6.3 | -- | -- | 1 |
| 2CSKB | 037103489470 | 2-step | Pouched | 2CB blue | 037103489616 | 0.27 | 6.8 | -- | -- | ¹ / ₄ - ⁹ / ₃₂ | 6.3-7.1 | -- | -- | 1 |
| 2CSKY | 037103489463 | 2-step | Pouched | 2CYyellow | 037103489609 | 0.47 | 12.0 | -- | -- | ⁷ / ₁₆ - ¹ / ₂ | 11.1-12.7 | -- | -- | 1 |
| 3CSKBR | 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 |
| 3CSKGN | 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 |
| 3CSKWH | 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 |

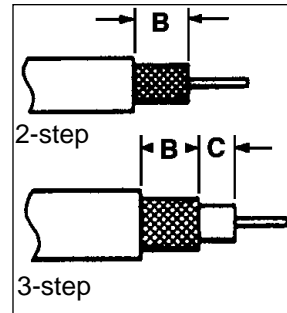
Note: 3-STEP models are not recommended for cable with hollow dielectrics (RG 62) or foam dielectrics.

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

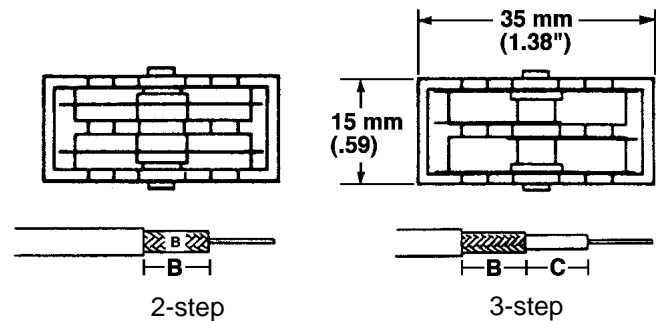


| Kit Cat No. | UPC No. | Type | For Cable | Packed | Cassette Cat No. & color | Cassette UPC No. | Blade Spacing | | | | Cover Strip Length Specs. | | | | Shelf Pack |
|-------------------|--------------|--------|------------|--------|--------------------------------|---------------------|---------------|------|------|-----|---|-----------|---|-----------|---------------|
| | | | | | | | (B) | | (C) | | (B) | | (C) | | |
| | | | | | | | in | mm | in | mm | in | mm | in | mm | |
| 2CS5962R | 037103489524 | 2-step | 58, 59, 62 | Carded | 2CR red | 037103489493 | 0.24 | 6.0 | -- | -- | ⁷ / ₃₂ - ¹ / ₄ | 5.6-6.3 | -- | -- | 1 |
| 2CS5962B | 037103489548 | 2-step | 58, 59, 62 | Carded | 2CB blue | 037103489616 | 0.27 | 6.8 | -- | -- | ¹ / ₄ - ⁹ / ₃₂ | 6.3-7.1 | -- | -- | 1 |
| 2CS5962Y | 037103489531 | 2-step | 58, 59, 62 | Carded | 2CYellow | 037103489609 | 0.47 | 12.0 | -- | -- | ⁷ / ₁₆ - ¹ / ₂ | 11.1-12.7 | -- | -- | 1 |
| 2CS5962O | 037103489555 | 2-step | 58, 59, 62 | Carded | 2CO orange | 037103489623 | 0.36 | 9.2 | -- | -- | ¹¹ / ₃₂ - ¹³ / ₃₂ | 8.7-10.3 | -- | -- | 1 |
| 3CS5859BR | 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 |
| 3CS5859GN | 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 |

Xcelite®

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

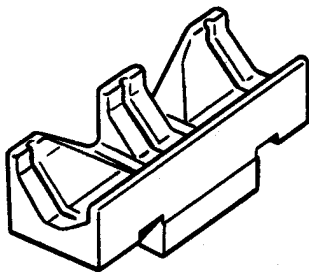


| Cassette Cat No. & Color | Cassette UPC No. | Type | Packed | Blade Spacing | | | | Cover Strip Length Specs. | | | | Shelf Pack |
|--------------------------------|---------------------|--------|--------|---------------|------|------|-----|---------------------------|-----------|-----------------|---------|---------------|
| | | | | (B) | | (C) | | (B) | | (C) | | |
| | | | | in | mm | in | mm | in | mm | in | mm | |
| 2CR red | 037103489493 | 2-step | Carded | 0.24 | 6.0 | -- | -- | $7/32$ - $1/4$ | 5.6-6.3 | -- | -- | 1 |
| 2CB blue | 037103489616 | 2-step | Carded | 0.27 | 6.8 | -- | -- | $1/4$ - $9/32$ | 6.3-7.1 | -- | -- | 1 |
| 2CY yellow | 037103489609 | 2-step | Carded | 0.47 | 11.9 | -- | -- | $7/16$ - $1/2$ | 11.1-12.7 | -- | -- | 1 |
| 2CO orange | 037103489623 | 2-step | Carded | 0.36 | 9.2 | -- | -- | $11/32$ - $13/32$ | 8.7-10.3 | -- | -- | 1 |
| 3CBR brown | 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 |
| 3CGR green | 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 |
| 3CWH white | 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 |

Belden® is a registered trademark of Belden, Inc.

Replacement V-Blocks

See coaxial wire stripper operating instructions and selection chart on pages 113-114.



| Cat No. | UPC No. | Color | Packed | Cable O.D. | | Typical RG Nos. | Shelf Pack |
|---------|--------------|--------|--------|------------|---------|-----------------|------------|
| | | | | Inch | mm | | |
| VLG | 037103489647 | Yellow | Boxed | .25-.30 | 6.3-7.6 | 6, Belden 8281 | 1 |
| VMD | 037103489654 | Blue | Boxed | .19-.25 | 4.8-6.3 | 58, 59, 62 | 1 |
| VSM | 037103489630 | Red | Boxed | .12-.19 | 3.0-4.8 | 180, 195 | 1 |
| VSUB | 037103489661 | White | Boxed | .10-.12 | 2.5-3.0 | 174, 188, 316 | 1 |

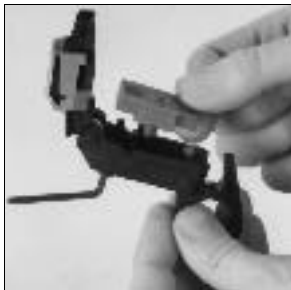
NEW IMPROVED FEATURES:

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 Selection Chart

These charts are designed to help users select the proper cassette for a number of given applications. If your particular application does not appear here, contact your local distributor or Cooper sales office for help in selecting.

The 2C-B blue cassette is designed for the most common types of **Twist-On BNC/TNC** and **UHF** connectors. Can also be recommended for:

| Manufacturer | Connector Description | Specific Cable Sizes |
|---|--------------------------------------|----------------------|
| Cambridge | TWIST-ON BNC Plugs (CPFIG688-Series) | -- |
| | TWIST-ON UHF Jacks (CPFI249-Series) | -- |
| | TWIST-ON UHF Plugs (CPFI259-Series) | -- |
| T&B | Tool-Less BNC/TNC | -- |
| Can also be used in conjunction with a simple wire-stripper on: | | |
| Amphenol® | 'N' (MIL-Crimp® I) | 55, 58, 141, 142 |

The 3C-BR brown cassette is designed for the **most common** style of MIL-C-39012 **Dual Crimp BNC** connectors. Can be recommended for:

| Manufacturer | Connector Description | Specific Cable Sizes |
|--------------|--|----------------------|
| Amphenol® | BNC/TNC (MIL-Crimp® II) | -- |
| | BNC/TNC (Crimp-Crimp) | -- |
| | 17DM-Series Angle D-Sub Contacts | 180, 58 |
| Cambridge | BNC Plugs (MIL/Commercial) CPMC88-Series | -- |
| 'Easy-On'™ | CP-N-Series Crimp-On 'N' | 58, 59 |
| AMP® | TNC Dual Crimp | 55, 58, 141, 142 |
| | 'N'Connectors--Dual Crimp | 55, 58, 141, 142 |
| | 'C'Connectors | 55, 58, 141, 142 |
| AVA | BNC Crimp-On | -- |
| Trompeter | BNC Full Crimp | -- |
| ITI Cannon® | D*M-Series Angle D-Sub | 195, 180, 58 |
| TRW Cinch | D*M-Series Angle D-Sub Contacts | 180, 58 |

The 2C-R red cassette is specifically designed for most **"F"** connectors and **many 'single crimp' BNC** connectors:

| Manufacturer | Connector Description | Specific Cable Sizes |
|---|----------------------------------|----------------------|
| AMP® | BNC Single Crimp | -- |
| | Standard Contact | -- |
| | Miniature Contact | 59, 62, 71 |
| AVA | 'F' Connectors | -- |
| Gilbert | 'F'Connectors | -- |
| Can also be used in conjunction with a single wire-stripper on: | | |
| Amphenol® | BNC Bulkhead Jacks (Quick Crimp) | -- |
| | D-Sub Contacts | 178, 179 |

The 3C-BR brown cassette is designed for **other** popular **dual crimp BNC** Plugs & Jacks:

| Manufacturer | Connector Description | Specific Cable Sizes |
|--------------|---------------------------------|----------------------|
| Amphenol® | BNC(Quick Crimp) Plugs & Jacks | -- |
| | BNC/TNC (MIL-Crimp® I) | -- |
| AMP® | BNC (Dual Crimp) Plugs & Jacks | -- |
| ITT Cannon® | D*M-Series Angle D-Sub Contacts | 196, 178, 188, |
| | | 316, 179, 187 |
| Kings | BNC CP401 CXCBNC59P | -- |

The 2C-0 cassette is recommended for use with **other** popular **'single crimp' BNC** connectors:

| Manufacturer | Connector Description | Specific Cable Sizes |
|---|----------------------------------|----------------------|
| Cambridge | CRIMP-ON BNC Plugs (CP88-Series) | -- |
| T&B | CRIMP-TYPE BNC/TNC | -- |
| Can also be used in conjunction with a simple wire stripper on: | | |
| Amphenol® | UHF (Braid-Crimp) | -- |
| | 'N'(Crimp-Crimp) | 55, 58 141, 142, 59 |
| | 'N'(MIL-Crimp® II) | 55, 58, 141, 142, 59 |

The 3C-WH cassette is designed for the most common style of **straight D-Subminiature contacts**, both crimp and solder.

| Manufacturer | Connector Description | Specific Cable Sizes |
|--------------|-------------------------------------|----------------------|
| Amphenol® | 17DM-Series Straight D-Sub Contacts | -- |
| | BNC Commercial Dual Crimp | -- |
| | Threaded Miniature Contact | 178, 196 |
| ITT Cannon® | D*M-Series Straight D-Sub Contacts | 196, 178, 188, |
| | | 316, 179, 187 |
| TRW Cinch | D*M-Series Straight D-Sub Contacts | 178, 179, 316 |

The 2C-Y yellow cassette has been designed for many common types of **UHF crimp connectors**. Can be recommended specifically for:

| Manufacturer | Connector Description | Specific Cable Sizes |
|--------------|--------------------------------|----------------------|
| Cambridge | UHF "Crimp-On" (CPL259-Series) | -- |
| Amphenol® | UHF (Crimp-Crimp) | -- |
| | UHF (Clamp Set Screw) | -- |
| AMPI® | UHF-RG58&59 Plugs & Jacks | 58, 59 |

MIL-Crimp® is a registered trademark of Allied Corp. Amphenol® is a registered trademark of Allied Corp. AMP® is a registered trademark of AMP, Inc. Cannon® is a registered trademark of ITTInc.

Xcelite® Coaxial Wire Stripper Operating Instructions

Note the parts of the stripper in Figure 1.

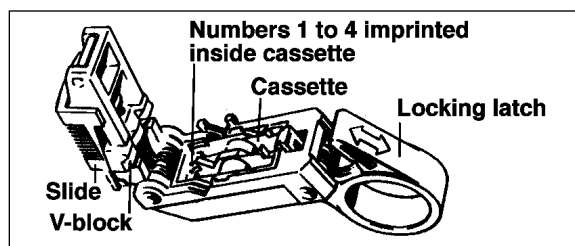


Figure 1

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

A. Adjust slide to position 4 or 5.

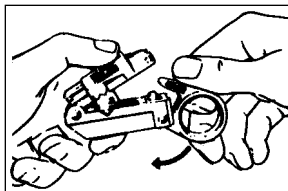


Figure 2

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

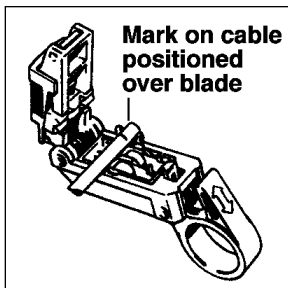


Figure 3

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)

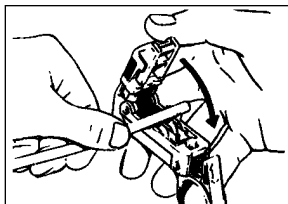


Figure 4

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.

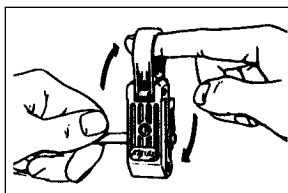


Figure 5

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

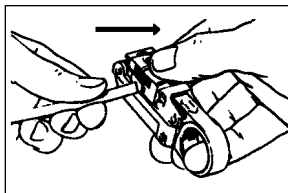


Figure 6

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 |
| VSM | .12"-20" (3.0-5mm) | 195, 180 Red |
| VMD | .20"-25" (5-6.4mm) | 58, 59 Blue |
| VLG | .25"-30" (6.4-7.6mm) | Belden® 82181 Yellow |
| VSUB | .10"-12" (2.5-3mm) | 174, 188, 316 White |

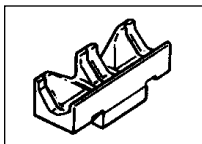


Figure 8

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).

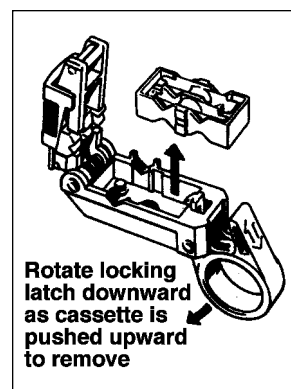


Figure 9

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