## **ABRASIVE TOOLS**

#### 3M<sup>™</sup> SCOTCH-BRITE<sup>™</sup> HAND FINISHING SYSTEMS-SPONGES

3M<sup>™</sup> Scotch-Brite<sup>™</sup> Sponges have threedimensional abrasive laminated to the sponge. They are ideal for one-step scuffing/cleaning and can be used wet or dry. Hand-held size offers convenience, comfort and reduces waste.



		Price Each
Description	Stock No.	1-9
Scotch-Brite Clean and Prep Sponge	81H8079	3.43
Scotch-Brite Ultra-Fine Scuff Sponge	81H8080	4.46
Scotch-Brite General-Purpose Scuff Sponge	19K4797	4.46
	Scotch-Brite Clean and Prep Sponge Scotch-Brite Ultra-Fine Scuff Sponge	Scotch-Brite Clean and Prep Sponge         81H8079           Scotch-Brite Ultra-Fine Scuff Sponge         81H8080

#### 3M™ SCOTCH-BRITE™ HAND FINISHING SYSTEMS-HAND PADS



Scotch-BriteTM hand parts and rolls outperform steel wool, wire brushes and other non-woven hand parts when Succentence and paces and nois outperform steer wool, whe obstress and outer noir-working will never ust and can be used with water or solvents. The pads are cut into 6° X 9° sheets in a variety of grades ranging from light duty cleansing to heavy duty. An easy, inexpensive way to see how the many Scotch-Brite™ Hand pads outperform other products is the Trial Pack (below)

								Price Each
Mfg. Part No.	g. Part No. Description		Color	Grade	Packaging	Stock	k No.	1-4
7445	Light-I	Duty Cleansing Pad	White		60	19K4	1845	101.86
7448	Ultra-F	ine Hand Pad	Gray	S ULF	60	19K4	1848	99.14
7447	Genera	al-Purpose Hand Pad	Maroon	A VFN	60	19K4	1847	99.14
24037	Produc	ction Hand Pad	Maroon	A VFN	60	19K4	184 <u>9</u>	115.02
7446	Blendi	ng Hand Pad	Gray	S MED	40	19K4	1846	119.77
7440	Heavy	-Duty Hand Pad	Tan	A MED	40	19K4	1844	177.91
74	Mediu	m Duty Scrub Sponge	Yellow/Green		20	19K4	1843	67.21
							Pi	rice Each
Mfg. Part	No.	Description			Stock M	lo.		1-4
<u>Mfg. Part No.</u> 961S		Hand Pad Tria Includes: Scrubbing Spo Light Duty Pac Heavy Duty Pac Blending Pad General Purpo Ultra-Fine Pac Production Pa Twist-LokT+	onge 74 d 6448 ad 7440 vansing Pad 744 7446 vse Pad 7447 l 7448 d 8447	45	<u>82H12</u>	7 <u>5</u>		31.07
961		Twist-Lok™ I Twist-Lok™ I			19K48	50		76 74

(83906)

#### SCOTCH-BRITE™ MULTI-FLEX ABRASIVE SHEET ROLLS

Multi-Flex Sheets are used in highly conformable finishing applications. Easy pop-up dispenser cen-ter-pull roll. Scrunches into a ball, like steel wool, to protect hands. They are tough, highly or and sharp-cutting making them the prel sive for cleaning and finishing surfaces

						FILLE EAULI
Mfg. Part No.	Color	Grade	Roll Size ( in. x ft.)	Packaging	Stock No.	1-4
07521	Dark Maroon	A VFN	8 x 20	60 sheets per roll	19K4798	62.23
07522	Gray	S ULF	8 x 20	60 sheets per roll	19K4799	62.23
(83907)						

#### Indicates RoHS Compliant

## Find Datasheets Online

**FIBRE DISC 785C** 

- · An excellent starting
- point for stainless steel
  Includes a grinding aid for cooler running

Additional fibre disc sizes and grades are also available: go

 Contains 3M<sup>™</sup> Cubitron<sup>™</sup> Abrasive Grain for added durability · Do not use on tools without

guards

online or c	all.	j.	ALC: NOT THE REAL PROPERTY OF	A COLOR		
						Price Each
Mfg. I	Part No.	Dia. X Ctr. Hole	Max. RPM	Grade	Stock No.	1-4
8	30660	4 1/2" x 7/8"	13,300	36	98M0082	2.74
(116525)						

#### **GREEN CORPS™ CUTTING/GRINDING** AND CUT-OFF WHEELS



20275

92318 **GREEN CORPSTM CUTTING AND GRINDING WHEEL** Type 27, grind and cut with one wheel.

					Price Each			
Mfg. Part No.	Dia. X Thk. x AH	Max. RPM	Grade	Stock No.	1-4			
92318	4 1/2" x 1/8" x 5/8" -11	13,300	36	98M0085	8.61			
GBEEN COBPS™ CIIT-OFF WHEFI								

Provides high cut rates and long life on most material, including fiberglass, stainless steel and mild steel. Must be used with ANSI-approved flanges for Type 1 cut-off wheels.

Т 4 1/2" x 3/64" x 7/8" 13 300 98M0070 3 23 20275 (1165

#### SCOTCH-BRITE™ BRISTLE DISCS

· Easily remove paint, stains, adhesives, weld burn, rust and other surface contaminants from large areas



Additional bristle disc grades and colors are also available: go online or call.

						Price Each
Mfg. Part No.	Diameter	Max. RPM	Grade	Color	Stock No.	1-9
33054	4 1/2"	12,000	36	Brown	98M0078	25.68
24241	4 1/2"	12,000	50	Green	98M0077	27.98
(116584)						





Głi

14101 Additional finishing disc grades and colors are also available: go online or call.

SCOTCH-BRITE™ SURFACE CONDITIONING DISC (HOOK AND LOOP)

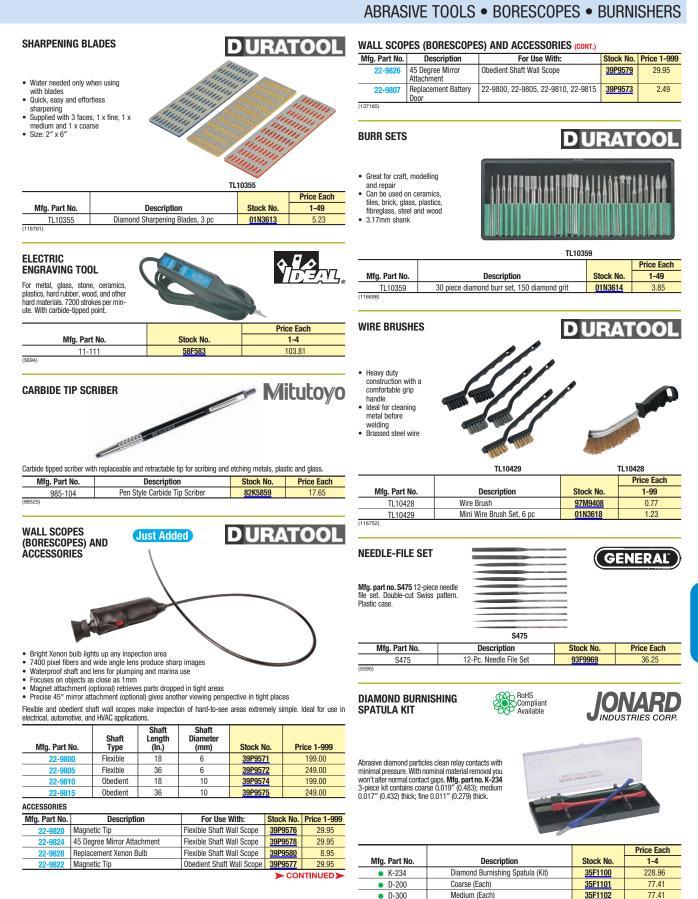
Aluminum oxide general purpose surface conditioning disc for finishing, cleaning, and light deburring. Attach and remove easily to 3M™ Hook-and-Loop backup pads. Use with right angle and random orbital tools.

						Price Each		
Mfg. Part No.	Diameter	Max. RPM	Grade	Color	Stock No.	1-4		
14101	4 1/2"	13,000	A CRS	Brown	98M0068	2.69		
SCOTCH-BRITE™ COATING REMOVAL DISC (HOOK AND LOOP)								

Made of extra coarse silicon carbide for right-angle tools from aggressive clean and strip web. Non-loading design is ideal for removing rust and coatings. Mount on hook-and-loop disc pad holders.

18424	4 1/2"	12,000	S XCS	 98M0069	7.73
(116524)					







35F1103

77.41

Fine (Each)

D-400 (72735)

Indicates RoHS Compliant

Find Datasheets Online

## **BURNISHERS • WIRE STRIPPERS**

#### **CONTACT BURNISHERS**

Plastic/insulated handles for working on live contacts. Tools are packaged in a clear plastic vial for protection from grease and moisture. Handles are color-coded for size identification. Length: 3". Width:  $\frac{1}{4}$ " except for **mfg. part no. 0B-1**, which is  $\frac{3}{16}$ ". Sold in packages of 12.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
0B-1	Fine Contacts	35F2219	41.62
0B-2	Extra Sensitive Points	35F2220	59.35
0B-3	General-Purpose	35F2221	103.17
0B-4	Industrial	35F2222	127.00
(58674)			

RoHS Compliant Available

#### POCKET-TYPE **BURNISHERS AND BLADES**



**Nicholson**®

ONARD

INDUSTRIES CORP.

Used to remove corrosion on relay and switch contact points. For all types of metal including platinum, silver ontact points. For a solution of the solution o

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
PB-3R	Same as mfg. part no. PB-3 Plus 6 Abrasive Rods	50F5448	54.20
PB-7	Pen with 6 Blades, 0.007" Thick	50F5449	59.92
B-7/25	Replacement Blades for PB-7 (0.007") (Pkg. of 25)	50F5452	60.78
B-3/25	Replacement Blades for PB-3 (0.0035") (Pkg. of 25)	50F5450	60.78
(58673)			



12-Pc. Needle File Set

#### 37814

Fine-quality professional files used primarily by jewelers, die-makers and fine toolmakers. **Mfg. part nos. 37029** and **37035** 12-pc. XF<sup>®</sup> needle file assortments feature Swiss pattern teeth and 4" round knurled handles in choice of 0 or 2 file cut. All file sets/packs are supplied in a protective plastic pouch. FILE ASSORTMENT SETS

8

FILES

			File		Price Each			
Mfg.	Part No.	Description	Cut	Stock No.	1-4			
	37029	12-Pc. 4" Round Handle Needle File Set	0	90F7213	151.30			
	37035	12-Pc. 4" Round Handle Needle File Set	2	90F7214	163.41			
XF® FILES (SOLD INDIVIDUALLY) Swiss pattern teeth ideal for use by fine toolmakers and jewelers.								

37814 61/4" Needle Half Round File, Knurled Round Handle 2 10B2563 14.95 (5706)

#### WIRE STRIPPER

Adjustable screw and release spring. Drop-forged, heat-treated with fully pol-ished head. Shock-proof 2-component handles with slip guards. Strips wire up to 5mm in diameter. Length: 160mm.



		Price Each
Description	Stock No.	1-24
Cable Cutter, 160mm	61M5959	23.68



22-8850 consist of pliers, cutter, and wire stripper in one tool, which is good for 10~22AWG copper and aluminum wire. 22-8855 is capable for easy wire stripping, its steel jaws automatically adjust to strip wire from 10-26AWG, also with a built-in wire cutter for wire cutting and crimps insulated terminals 10-22AWG and non-insulated terminals 10-22AWG. TL10336 is a parrot type and is good for all types of wire from 0.2 - 6 mm, strips lengths up to 25mm, self adjusting mechanism

			Price Each
Mfg. Part No.	Description	Stock No.	1-49
TL10336	Automatic Wire Stripper, 7"	97M9400	2.10
22-8850	3-in-1 Wire Stripper	95K9120	5.99
22-8855	Self-Adjusting Wire Strippers	52K6494	9.99
(116787)			

#### **GRIP-N-STRIP™** END STRIPPER



Features self-adjusting stripping blades. Just insert wire in the end, squeeze hand and release. Tapered nose allows stripping in confined spaces. Strips 12 AWG solid through 20 AWG stranded. Built-in wire cutter.

	Price Each			
Description	Stock No.	1-4		
Grip-N-Strip™	87F2743	49.41		



Compact, lightweight and easy-to-use, the **Kinetic<sup>™</sup> series** of wire strippers have an ergonomic design to reduce muscle fatigue and handle grips that wick away perspiration. The Thumb Valley <sup>™</sup> guide and precision stripping holes offer a high level of stripping accuracy and maintain the tightest stripping tolerances for consistent and reliable performance. Plus, the Kinetic Reflex<sup>™</sup> wire strippers feature curved handles for added comfort. All models strip both point and easy to both point and the strippers feature curved handles for added comfort. All models strip both point and the strippers feature curved handles for added comfort. All models strip both point and the strippers feature curved handles for added comfort. solid and stranded wire

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
45-715	Kinetic Super™ Wire Stripper for 10-18 AWG Solid, 12-20 AWG Stranded	<u>9000008</u>	30.67
45-716	Kinetic Super <sup>™</sup> Wire Stripper for 14-24 AWG Solid, 16-26 AWG Stranded	<u>9000009</u>	30.67
45-718	Kinetic Super™ Wire Stripper for 6-14 AWG Solid, 8-16 AWG Stranded	<u>90C0011</u>	30.67
45-915	Kinetic Reflex™ Wire Stripper 10-18 AWG Solid, 12-20 AWG Stranded	<u>23K9690</u>	33.24
45-918	Kinetic Reflex™ Wire Stripper 6-14 AWG Solid, 8-16 AWG Stranded	<u>23K9691</u>	33.24
(73635)			



## WIRE STRIPPERS

#### REFLEX™ T<sup>®</sup>-STRIPPER WIRE STRIPPERS



Reflex™ T<sup>®</sup>-Stripper wire strippers feature an ergonomic design that reduces wrist fatigue. Includes precision form-ground stripping holes and knife-type blades for solid and stranded wire. Features injection molded handles, wire looping holes, and plier-type nose ends.

Mfg. Part No.	Wire Range (AWG)	Stock No.	Price Each 1-4
45-415	10-18 Solid, 12-20 Stranded	95B7140	25.66
45-416	14-24 Solid, 16-26 Stranded	48F6884	25.66
45-417	22-30 Solid, 24-32 Stranded	95B7141	26.42
45-418	6-14 Solid, 8-16 Stranded	93B5083	25.66

(47776

#### **REFLEX™ SUPER** T<sup>®</sup>-STRIPPER WIRE STRIPPERS



Reflex<sup>TM</sup> Super T<sup>®</sup>-Stripper wire strippers have all the features of the Reflex T<sup>®</sup>-Stripper plus a thicker cushion grip for added comfort, a locking pawl, and 6-32 and 8-32 threaded bolt cutting holes. Its ergonomic design reduces wrist fatigue. Precision form-ground stripping holes and knife-type blades are perfect for solid and stranded wire. Includes injection molded handles, wire looping holes and plier-type nose ends.

	Wire Range		Price Each
Mfg. Part No.	(AWG)	Stock No.	1-4
45-616	14-24 Solid, 16-26 Stranded	90B4524	29.86
45-617	22-30 Solid, 24-32 Stranded	90B4528	29.86
45-618	6-14 Solid, 8-16 Stranded	90B4533	27.73
(47781)			

#### STRIPMASTER™ LITE WIRE STRIPPERS



Stripmaster™ Lite has the capability to strip from 12-30 AWG yet it's 50% lighter than Stripmaster™, needs 33% less effort to operate and is ¾ the size. Features the same knife-type blade design.

	Wire Range		Price Each
Mfg. Part No.	(AWG)	Stock No.	1-4
45-671	16-22	93F8755	66.19
45-672	24-30	93F8756	66.19
(7425)			

#### **STRIPMASTER™** WIRE STRIPPERS



Stripmaster<sup>TM</sup> wire stripper features single-squeeze operation and automatically holds jaw open for removing wire without crushing end. Perfect for lighter PVC, THIN and similar insulations. Includes knife-type stripping blades, die-cast body and frame with cushinged hand grips. Capability to strip from 8-30 AWG depending on model. Many more models are available; *go online or call*.

	Wire Range		Price Each
Mfg. Part No.	(AWG)	Stock No.	1-4
45-092	10-22	84F505	49.52
45-093	14-22	58F553	49.52
45-097	16-26	58F554	49.52
45-098	20-30	58F555	49.52
(7442)			





45-120 45-317 T<sup>®</sup>-Strippers feature precision form-ground stripping holes and knife-type blades for solid and stranded wire. All feature new injection molded handles, wire looping holes and plier-type nose ends. Super T<sup>®</sup>-Strippers also include wider, curved handles, a locking pawi, and 6-32 zand 6-32 treaded bolt cutting holes. **Mf** part **nos**. 45-316 and 35-317 feature ESD static-dissipative handles. T<sup>®</sup>-Cutter features knife-type cutting blades for copper cable. T<sup>®</sup>-STRIPPERS

	Wire Range		Price Each
Mfg. Part No.	(AWG)	Stock No.	1-4
45-120	10-18 Solid, 12-20 Stranded	58F586	16.92
45-121	14-24 Solid, 16-26 Stranded	58F587	16.92
45-125	22-30 Solid, 24-32 Stranded	59F1103	17.47
45-124	6-14 Solid, 8-16 Stranded	84F506	16.92
PER T <sup>®</sup> -STRIPPERS			
45-315	8-16 Solid, 10-18 Stranded	52F9074	19.75
45-318	6-14 Solid, 8-16 Stranded	52F9077	22.39
45-316	14-24 Solid, 16-26 Stranded; ESD	52F9075	21.78
45-317	22-30 Solid, 24-32 Stranded; ESD	52F9076	21.78
-CUTTER			
45-123	Cuts Up to 0.5" 0.D./10 AWG Solid	58F885	16.92

NEW TECHNOLOGY

#### COATED-WIRE STRIPPING TWEEZER

· Precisely milled blades for clean

T<sup>®</sup>-STRIPPER WIRE STRIPPERS

- stripping
- For stripping off varnished insulation on copper wires
  Blades for other wire diameters
- available as spare parts
  Plastic laminated handles



Body	Stripping Capabilites $\varnothing$ (mm)	Overall Length (mm)	Wt. (g)	Stock No.	Price Each
Spring Steel	6	120	34	06R6276	17.84
	Description			Stock No.	Price Each
Spare Blade for	Coated-Wire Stripping Twee	ezer 15 11 1	20	06R6277	5.45
Spare Blade for	Coated-Wire Stripping Twee	ezer 15 11 1	20	06R6278	5.45
	Spring Steel Spare Blade for	Body Ø(mm) Spring Steel 6 Description Spare Blade for Coated-Wire Stripping Twee	Body         Stripping Capabilites         Length (mm)           Spring Steel         6         120           Description           Spare Blade for Coated-Wire Stripping Tweezer 15 11 1	Stripping Capabilities         Length (mm)         Wt. (g)           Spring Steel         6         120         34           Description         Spare Blade for Coated-Wire Stripping Tweezer 15 11 120         11 120	Body         Stripping Capabilites ∅ (mm)         Length (mm)         Wt. (g)         Stock No.           Spring Steel         6         120         34         06R6276           Description         Stock No.           Spare Blade for Coated-Wire Stripping Tweezer 15 11 120         06R6277

(147280)

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(148828)



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Price Each **1-4** 42.45

42.45

RoHS Compliant Available

904893

### WIRE STRIPPERS



UNIVERSAL INSULATION STRIPPER Comfortable two color dual component handles, lightweight construction and smooth operating mechanism for repetitive work. Easily strips difficult insulating materials such as Teflon<sup>®</sup>, silicone, Radox<sup>®</sup>, Kapton<sup>®</sup> and rubber, as well as, multilayered insulations. Positive stripping due to precise shape of blades. Includes cable guide. AUTOMATIC INSULATION STRIPPERS Strong light-metal construction. Replaceable blades of special steel with 4 and 6 positions responsible for different wire cross sections. Positive stripping due to precise shape of blades and length stop. Clamping jaws hold wire firmly and a spring leads the the stripper back to the starting position. SELF-ADJUSTING INSULATION STRIPPER Light, fibreglass reinforced plastic. Smooth operating mechanism with easily interchangeable blades and plastic jaws. For single, multiple and fine stranded conductors with plastic or rubber insulation adjusts automatically to the respective cable cross-section which prevents damage to the conductor. Cutting depth can be adjusted for different insulation materials with wire cutter for cooper and aluminjum wires. multiple stranded up to 10 me<sup>2</sup> and single stranded up to fa

The second secon

mm<sup>2</sup>. **KNIPEX MULTISTRIP 10, SELF-ADAPTING UNIVERSAL INSULATION STRIPPER** Tough, fiberglass reinforced plastic with ergonomic handle. Fully automated adjustment to the respective cross-section-depending insulation thicknesses in a range from 0.03 - 10.0 mm<sup>2</sup>. Unique self-infeeding of the cutting depth preventing damage to the conductor. Strips cables with insulating materials like Teflon<sup>®</sup> and Radox<sup>®</sup>. Wire cutter for copper and aluminum wires, multiple stranded up to 10 mm<sup>2</sup> and single stranded up to 6 mm<sup>2</sup>. Interchangeable blades block and length stop.

#### SELF-ADJUSTING INSULATION STRIPPER

Orugh, fiberglass reinforced plastic with regonomic handle. Compact tool for single, multiple and fine stranded cables of 0.2 up to 6.0 mm<sup>2</sup> with standard insulation adjusts automatically to the respective cable cross-section. With wire cutter for copper and aluminum wires up to 2.5 mm<sup>2</sup> with adjustable length stop from 6.0 - 18.0 mm for constant stripping loads. length. Easily exchangeable blades

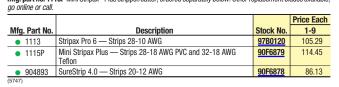
Mfg. Part No.	Head/ Body	Stripping Capabilites AWG	Overall Length (mm)	Wt. (g)	Stock No.	Price Each
11 02 160	Polished	7	160	165	06R6265	35.60
12 12 02	Burnished	32-14	195	447	06R6266	191.44
12 21 180	Burnished	20-19/17/15/13/11/10	180	366	06R6267	95.30
12 40 200	Reinforced/ Plastic	32-7	200	202	06R6268	106.44
12 42 195	Reinforced/ Plastic	32-7	195	150	06R6269	147.18
12 62 180	Reinforced/ Plastic	24-10	180	180	06R6274	56.18
ACCESSORIES						

Mfg. Part No.	Description	Stock No.	Price Each
12 49 01	Spare Blade for 12 40 200	06R6270	28.08
12 49 02	Spare Clamping Jaw for 12 40 200	06R6271	6.46
12 49 21	Spare Blade Block for 12 42 195	06R6272	27.47
12 49 23	Spare Length Stop for 12 42 195	06R6273	3.54
12 69 21	Spare Blade for 12 62 180	06R6275	16.06
(147267)			

8

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AM 25/35 UNIVERSAL SLITTERS/STRIPPERS

#### RoHS Paladin Tools Compliant Available





1820

Slits and trims round cables. Adjustable cutting depth for insulations up to 18" with swivel blade for circular, longitudinal and spiral cuts. **Blade stays centered for more accurate strips**. Calle-holding clip with integrated edge for removing slit insulations. Spare blade in handle. **Mfg. part no. 1820** for 0.18-1.0" diameter cables. **Mfg. part no. 1821** for 0.18-1.4" diameter cables. **Mfg. part nos. 1820** and **1821** have lifetime warranty; 1-year on **mfg. part no. 1822**.

			Price Each
Mfg. Part No.	Description	Stock No.	1-9
• 1820	AM 25 Cable Stripper/Slitter	90F6873	65.51
• 1821	AM 35 Cable Stripper/Slitter	48F2032	78.38
• 1822	Universal Cable Stripper/Slitter	34C6136	32.19
• 2109	Replacement Blade	50F6322	19.03
(5749)			









inig. Full No.	Otook no.	THOU EUGH
3613	84N1038	3.90
(32778)		





Cuts and strips solid and stranded wire · Cushion grips for comfort and maximum leverage

Mfg. part no. 100X wire stripper/cutter features adjustable screw-stop for different wire sizes. Mfg. part no. 101S wire stripper/cutter features adjustable screw-stop for different wire sizes and spring-action self-opening handles. Mfg. part no. 103S wire stripper features a unique cam-stop adjustment for various wire sizes. Cam stays put even with screw loose. Mfg. part no. 104CG wire stripper/cutter features wide size-range bolt cutter, fast scissors-action, up-front wire cutting/striping, plers no to do wire stripper/cutter realities wire aler ange for tenden, test seasors equally, perform stations, Mfg. part no. 105SCGV wire stripper/cutter with work-speeding automatic spring and lock features fast scissors-action, cutting/stripping edges are conveniently located in front of pivot, serrated edge, and needle-nose pliers adds wire pulling and bending capabilities.

	Stripping		Price Each
Description	(AWG)	Stock No.	1-4
5" Wire Stripper/Cutter with Adjustable Screw-Stop	8	35F246	8.33
5" Wire Stripper/Cutter with Adjustable Screw-Stop and Spring-Action Self-Opening Handles	8	<u>35F247</u>	10.64
51/4" Wire Stripper with Cam-Stop Adjustment	8	35F248	12.98
81/4" Wire Stripper/Cutter with Scissors-Action	22-10	70B1218	31.92
6 "Wire Stripper/Cutter with Scissors-Action, Spring and Lock	22-10	<u>10B1285</u>	18.57
	5" Wire Stripper/Cutter with Adjustable Screw-Stop 5" Wire Stripper/Cutter with Adjustable Screw-Stop and Spring-Action Self-Opening Handles 5\4" Wire Stripper with Cam-Stop Adjustment 8\4" Wire Stripper/Cutter with Scissors-Action 6 " Wire Stripper/Cutter with Scissors-Action, Spring	Description         Rainge (AWG)           5" Wire Stripper/Cutter with Adjustable Screw-Stop         8           5" Wire Stripper/Cutter with Adjustable Screw-Stop and Spring-Action Self-Opening Handles         8           5¼" Wire Stripper/Cutter with Can-Stop Adjustment         8           8¼" Wire Stripper/Cutter with Scissors-Action         22-10           6 " Wire Stripper/Cutter with Scissors-Action, Spring         22-10	Bange         Range         Kange         Stock No.           5" Wire Stripper/Cutter with Adjustable Screw-Stop         8         35F246           5" Wire Stripper/Cutter with Adjustable Screw-Stop         8         35F247           and Spring-Action Self-Opening Handles         8         35F247           51/4" Wire Stripper/Cutter with Scissors-Action         22-10         70B1218           6 " Wire Stripper/Cutter with Scissors-Action, Spring         22-10         10B1285

#### SELF-ADJUSTING COMBINATION WIRE STRIPPER

- Capable of stripping wires from 34 to 8 AWG
- without adjustment Cuts conductors: 16 AWG Solid, 8 AWG Stranded
- · Easily interchangeable stripping blades enable
- Strips a wide range of insulation types , PVC to PTFE Suitable for production of field service work
- · Fine insulation can be stripped without damage to
- the conductor Ergonomic design is lightweight, strong and comfortable -- features a sculpted shape, soft grip Low-friction moving handle, optimized grip span, and angled head
- Made tough tested to over 150,000 cvcles

Mfg. part no. SAS33210 self-adjusting combination wire stripper is ideal for cutting and stripping a wide variety of Wing, part no. SASS210 self-adjusting command/wine supple is used to cutting and suppling a wide variety of jacketed wire and cable including PVC, conduit wire, mains cable, equipment wire and communications cable. Standard straight blade supplied with tool. Order interchangeable replacement blades separately below: mfg part no. SAS3210RB standard straight blade for stripping PVC and other soft insulation materials from 34 to 8 AWG without adjustment and mfg, part no. SAS3210TRB V-blade for stripping Teffon<sup>®</sup>, PTFE and other hard insulation materials from 32 AWG to 10 AWG.

			Price Each
Mfg. Part No.	Description	Stock No.	1-9
SAS3210	Self-Adjusting Combination Wire Stripper	26H3590	84.02
SAS3210RB	Standard Straight Replacement Blade	32H1401	26.02
SAS3210TRB	Teflon <sup>®</sup> Wire Replacement Blade	32H1402	35.43

10110 10

ACCESSORIES (147268)



Chat online to our team of engineers, or connect to them through your representative.

Make it easy. Make it fast. Make it Newark.

## WIRE STRIPPERS • CABLE STRIPPERS



For both end or center stripping of coaxial and power cable. Strips insulation up to  $0.156^{\circ\prime}$  thick including PVC, rubber, Neoprene, Teflor<sup>®</sup> polyethylene, nylon, Kapton, and fiberglass. Cuts circumferentially and transversely.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
45-128	0.25-0.75" O.D.	35F2461	42.97
45-129	0.75-1.50″ O.D.	59F1117	54.04
45-144	0.125-1.75″ O.D.	01F2586	81.33
(5692)			

#### COAX STRPPERS AND **DISMANTLING TOOL**

Shock-resistant plastic body Exchangeable blade

COAX-STRIPPING TOOL

COAX-STRIPPING TOOL

Mfg. Part No.

16 60 05 SB

16 60 100 SE

Mfg. Part No.

16 39 135

16 30 135 SBA

With opening spring and locking lever Tool body made of fiberglass reinforced polyamide

DISMANTLING TOOL For dismantling round PVC, rubber, silicone, PTFE cables from 6.0 - 29.0 mm dia. Self-cocking holding lever With knurled nut for cutting depth adjustment Changing from circular to longitudinal cutting by turning the tool body Spiral cutting for longer stripping areas

COAX-STRIPPING TOOL For stripping coax-cables (RG 58, RG 59 and RG 62) For stripping outer sheath, shield and dielectricum in one operating cycle With three built-in blades The cutting depth of each blade can be adjusted individu-

ally by means of a hexagonal key (Allen key) The blade spacing remains constant tool body made of plastic

For dismantling and stripping all common coax-cables be-tween 4.8 - 7.5 mm dia. (e. g. for TV- and satellite antenna), also suitable for PVC round cable 3 x 0.75 mm<sup>2</sup> With linear scale 5.0 - 20.0 mm double shell, folding back stripping tool

Body

Plastic

Plastic

Fiberglas

NEW TECHNOLOGY

Stripping Capabilites  $\emptyset$  (mm)

4.8 - 7.5 round cables 3 x 0.75 mm<sup>2</sup>

Description

6.0 - 29.0

Spare Blade for 16 30 135 SBA

RG 58 / 59 / 62



KNIPEX





16 60 100 SB

Stock No.

06R6280

06R6282

06R6283

Stock No.

06R6281

Price Each

85.68

37.47

33.94

16.54

Price Each

Overall

Length

(mm)

135

105

100







## CABLE STRIPPERS • COAX STRIPPERS

GripP 10 AND 20 A WIRE/CABLE STRI	AWG PPERS	RoHS Compliant Available	Paladin	Tools
<ul> <li>Non-scoring stripping</li> <li>Smooth wire cutting</li> <li>Ergonomic design</li> <li>Rubber-embedded, non-slip handles</li> </ul>		1117	1123 Comb	Do Pack

GripP 10 and 20 wire/cable strippers combine ergonomics and versatility. Strips the most common types of electrical and hook-up wire, and multiconductor and flat cable. Works on Romex household cable too, but not for use on steel or armored wire and cable. Head of tool and handles are designed at an optimum 22 degree angle to prevent awkward wirst bends. Contoured wire stripping areas are precision ground for accuracy. Features spring-loaded closure, gripping jaws on front of tool, screw cutter and wire loops embedded in frame. Ordermfg. part no. 1123 economical combo pack separately below to get both GripP strippers.

Mfg. Part No.	Description	AWG	Stock No.	Price Each
• 1117	GripP 10 Wire/Cable Stripper	22-10	97H2957	14.99
• 1118	GripP 20 Wire/Cable Stripper	30-20	97H2958	14.99
1123	GripP 10 and 20 Wire/Cable Stripper Combo Pack	30-10	63M4026	24.99
(83209)				

## **CABLE STRIPPERS**

- · Lightweight
- Pocket-size design Safe, no exposed
- sharp edges
- Easy-to-use



Mfg. part no. CJS100 cable jacket stripper is a precision stripping tool for removing the sheath from signal. telephone Mrg. part no. Cust uo cable jacket simpler is a precision simpling tool for removing the sheart nrom signal, telephone, audio-visual, instrumentation and data transmission copper and fiber optic cable. Adjustable 10-position indexed blade height adjustment wheel provides accurate and repeatable stripping results. Simply squeeze to open the stripping cavity, insert cable, rotate once, remove from cable and pull off the scrap insulation sheath. Stripping range: 0.10° to 0.43° (dameter, 1.0mm thick insulation. Made tough from impact-resistant nylon. Tested to over 50,000 cycles. Safe, rounded, pocketable and lightweight design. Size: 3.6L x 1.6"H.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
CJS100	Cable Jacket Stripper	30H6104	30.89
cable retention guides giving included. Positive locking po- cable guides. Safety strap (n	ssional stripping tool for round cable of all it an incomparable stripping capacity of 0 sitions for circular, lengthways, and spiral tot included) can be attached to the eyele Tested to over 100,000 cycles. <b>Mfg. part</b>	.18" to 1.57" in one to I cuts. No special tools at the base of the to	ol. Both cable guides are required to interchange ool to prevent accidental

30H6106 CJS200 Round Cable Stripper (88478

8

#### 99 SERIES INTERCHANGEABLE DRIVER BLADES, SHANKS AND HANDLES



Diameter	Length	Stock No.	Price Each
3⁄16″	35%″	35F3112	4.80
7/32″	35%″	35F3113	5.00
1/4″	35%"	35F3114	5.02
5⁄16″	35%″	35F3117	5.02
11/32″	35%"	35F3119	5.00
3/8″	35%″	35F3120	5.25
7/16″	4″	35F3122	6.72
1/2″	4″	35F3123	6.62
	3/16" 7/32" 1/4" 5/16" 11/32" 3/6" 7/16"	¾6"         35%"           752"         35%"           ¼"         35%"           ½"         35%"           ½4"         35%"           ½5%"         35%"           ½6"         35%"           ½6"         35%"           ½6"         35%"           ½6"         35%"           ½6"         35%"	$\frac{9}{16''}$ $\frac{356''}{356''}$ $\frac{35F3112}{35F3113}$ $\frac{7}{22''}$ $\frac{356''}{356''}$ $\frac{35F3114}{35F3114}$ $\frac{9}{16''}$ $\frac{356''}{356''}$ $\frac{35F3117}{35F3119}$ $\frac{9}{6''}$ $\frac{356''}{35F3112}$ $\frac{35F3112}{35F3122}$

#### 99 SERIES INTERCHANGEABLE DRIVER BLADES, SHANKS AND HANDLES (CONT.)

INTERCHANGEABLE ALLEN® HEX SOCKET TYPE SCREWDRIVER BLADES

NIENGHANUEADLE ALLE	IN HEA SUCKET I	IFE SUREWURIV	EN DLADES			
Mfg. Part No.	Diameter	Length	Stock N	0.	Р	rice Each
99-20	.050″	4″	35F312	4		4.48
99-21	1/16″	4″	35F312	5		4.48
99-22	5/64″	4″	35F312	6		4.48
99-23	3/32"	4″	35F312	7		4.48
99-764	7⁄64″	4″	35F312	8		4.48
99-24	1/8″	4″	35F312	9		4.48
99-964	9⁄64‴	4″	35F313	0		4.35
99-25	5⁄32″	4″	35F313	1		4.48
99-26	3/16″	4″	35F313	2		4.48
NTERCHANGEABLE BALI	LPOINT ALLEN® HEX	SOCKET TYPE	SCREWDRIVE	R BLAD	ES	
99-23BP	3/32"	4″	94F433			7.61
99-764BP	7⁄64″	4″	94F439			7.66
99-25BP	5/32"	4″	98F100	9		7.67
NTERCHANGEABLE REA	MER	•				
99-38	1⁄8″ x 3⁄8″	4″	35F313	3		12.92
NTERCHANGEABLE SLOT	TED SCREWDRIVE	R BLADES				
99-250	1/4″	4″	35F313	5		5.02
99-811	3⁄16″	4″	35F313	6		5.02
NTERCHANGEABLE PHIL	LIPS <sup>®</sup> SCREWDRIV	ER BLADES				
99-820	#0	4″	99F741	0		5.02
99-821	#1	4″	35F313	7		5.02
99-822	#2	4″	35F313	8		5.02
NTERCHANGEABLE EXTE	INSIONS	-				
99-X5	4″	4″	35F313	9		6.88
99-X10	7″	7″	35F314	_		7.49
NTERCHANGEABLE HAN						
Mfg. Part No		escription		Stoc	( No	Price Each
IVITY. FALLINU	U	escription		3100	N NO.	FILE EACH

Mfg. Part No	Description	Stock No.	Price Each
99-1	13/16 Diameter x 41/8" L Amber Handle	34F398	5.25
99-3	13/16" Diameter x 2" L Stubby Amber Handle	35F3111	5.02
99-1-R HANDLE	13/16" Diameter x 51/4" L Reversible Ratchet	33F1150	32.72
994R HANDLE	31/2" Diameter x 2" L Tee Reversible Ratchet	<u>33F1151</u>	35.82
(5737)			

#### **COAXIAL STRIPPERS**

71.60

**Xcelite**<sup>®</sup>

A high-quality rotary coaxial cable stripper which is suitable for stripping RG6, RG58 and RG59 cables as well as cable with a diameter between 4 and 10mm. Simply insert the cable into the tool, swing the tool two or three times around the cable and the outer sheath is stripped and the braid is exposed. The blades can be adjusted to the cable size by inserting an Allen key (supplied) into the built-in hex key and turning clockwise for larger cables, and anti-clockwise for smaller diameter cables

	1263707			
			Price Each	
Mfg. Part No.	Description	Stock No.	1-49	
TL09767	Rotary Coaxial Strippers	01N3626	4.43	
(116792)				

**COAX CABLE STRIPPERS** 



**DURATOOL** 

TI 00767

45-526

Adjustable coax strippers for 2- or 3-step stripping. Each blade is individually adjustable for precision stripping. High quality blades provide a long stripping life. All models strip RG-6, RG-59 and RG-58 coax. Also works on RG-6 Quad cable in removing the outer shield. Replacement blade cartridges are available; *go online or call*.

			Price Each
Mfg. Part No.	Strip Capability	Stock No.	1-4
45-520	3-Step, 0.24" and 0.24" Strip	93F6621	44.65
45-526	2-Step, 0.24" Strip — Perfect for Most Compression Connectors	52F9338	49.70
45-528	3-Step, 0.24" and 0.24" Strip	52F9340	48.96
(7852)			



## COAX STRIPPERS • CRIMPING TOOLS

**COAX/UTP CABLE STRIPPERS** 





These coax/UTP cable strippers perform nick-free 2-level stripping via adjustable blades, 0.24" step strip. Also includes a slitting blade and notch - three blades in total. Order replacement blade sets separately below

Mfg. Part No.	Description	Stock No.	Price Each
45-162	Up to 1/8" O.D./ Mini-Coax	20F970	25.78
45-163	1⁄8" to 7⁄32" O.D.	20F971	36.94
45-164	1⁄4″ to %16″ 0.D.	20F972	61.24
45-165	3/16" to 5/16" O.D./UTP	81F2815	34.44
REPLACEMENT BLADE SETS			
L9225	45-162, 45-163, 45-165	20F973	9.97
L9226	45-164	20F974	12.71

**CST PRO COAXIAL CABLE** STRIPPER AND ACCESSORIES





CST Pro coaxial cable stripper can be used in the professional broadcast industry as well as home integration applications. Mfg. part no. 1283 CST Pro 2-level-cut cable stripper is ideal for stripping coaxial cable including RG6, RG60S, RG59, as well as CATV "F" connectors and mini's. Cam adjustment provides a precise hold on cable. The dual roller mechanism centers cable perfectly and applies equal pressure against blades to eliminate distortion of cable jacket during stripping process. Patent-pending reversible rollers easily adjust for various sizes of cable, including mini's. Mfg. part no. 2282 quick-change die/blade cassette helps reduce set-up time. Cassette securely holds a fixed blade for 0.25" pre-strip lengths (braid); blade depth is individually adjustable. Manufacturer's lifetime warranty on tool frame, one-year manufacturer's warranty on die/blade cassette. Order replacement die/blade cassette and roller sets separately below. Other CST Pro coaxial cable strippers and accessories are available; go online or call.

			, 8		
Mfg. Part No.	Description	Pre-Set Strip Length (in.)	Color	Stock No.	Price Each
1283	CST Pro 2-Level Stripper with <b>2283</b> Die/Blade Cassette	0.25 (braid)	Blue	<u>01N4818</u>	69.99
• 1243	CST 3-Level Stripper with <b>2243</b> Die/Blade Cassette	0.295 (braid), 0.137 (dielectric)	Brown	<u>94B1957</u>	114.99

ACCESSORIES

			Price Each
Mfg. Part No.	Description	Stock No.	Each
2283	CST Pro Replacement Die/Blade Cassette Only, 0.25" Blue	99M1189	24.99
2284	CST Pro Replacement Roller Set	01N4819	6.75
(116779)			

#### ECONOMICAL COAXIAL CABLE STRIPPERS

RoHS Compliant Available

These economical, high-performance coaxial cable strippers are ergonomically designed for comfort. Mfg. part no. 1255 strips RG58/RG59/RG62/J/RG6 coaxial cable. Mfg. part no. 1256 strips RG6/RG60 uad shield coaxial cable Mfg. part no. 1257 strips RG59/RG66/RG60 uad shield coaxial cable for CATV "F" connectors. Mfg. part no. 1258 strips RG178, RG178, RG178, RG188, A181 735(A), NT735, Belden 1855A, 8218, LMR 100A, RG180, RG187, RG188A, and RG405 small diameter coaxial cable. These three strippers perform 2-a and 3-lewel strippens the adjustment. 2- and 3-level stripping with a simple blade adjustment





		Pre-Set		Price Each
Mfg. Part No.	Description	Strip Lengths	Stock No.	1-9
• 1255	LC CST-58/59 2- and 3-Level Adjustable Coaxial Cable Stripper	0.315" Outer Jacket 0.157" Inner Dielectric	<u>93B2835</u>	21.23
• 1256	LC CST-11 2- and 3-Level Adjustable Coaxial Cable Stripper	0.315" Outer Jacket 0.157" Inner Dielectric	<u>19C8814</u>	21.23
• 1257	LC CST CATV "F" 2-Level Coaxial Cable Stripper	0.236" Outer Jacket	<u>20C4621</u>	21.23
• 1258	LC CST-Mini 2- and 3-Level Adjustable Coaxial Cable Stripper	0.344" Outer Jacket 0.094" Inner Dielectric	20C4622	21.23
(64778)				



2CSKCATV

2CSK-R Two-Step Kit

TR-482

CSK series two-step and three-step coaxial wire stripper kits are ideal for users of many different cable sizes. These fast, accurate coax-stripping systems strip cable from 0.10" to 0.30" in thickness (RG178 to RG6) in seconds. Also renoves delectric, braid and outside insulation simultaneously or separately. Kits available with different color-coded cassettes designed to meet exact stripping specifications. Kits include four V-blocks, cassette (type indicated in table below), hex wrench to adjust cable size and instructions for most applications. **Note** three-step kit is not recommended for cable with hollow (RG 62) or foam dielectrics; two-step kits should be used instead. Replacement blade cassettes are available; go online or call.

#### TWO-STEP COAXIAL WIRE STRIPPER KITS — STRIPPING RANGE 0.1" TO 0.3"

	Cassette	Blade Spacing		Price Each
Mfg. Part No.	Type/Color	in. (mm)	Stock No.	1-4
2CSK-R	2C-R/Red	0.24 (6.1)	46F4184	62.30
2-CSK-B	2C-B/Blue	0.27 (6.86)	46F4185	61.40
2-CSK-Y	2C-Y/Yellow	0.47 (11.94)	46F4186	62.30
THREE-STEP COAXIAL WIRE STRIPPER KIT— STRIPPING RANGE 0.1" TO 0.3"				

3C-GN/Green 3CSK-GN 0.235 (5.97) 46F4187 66.73 ECONOMICAL, PRE-ADJUSTED COAXIAL WIRE STRIPPER — STRIPPING RANGE 0.19" TO 0.25"

Mig. part no. **CSSKCATV** is an economical coaxial wire stripper designed to quick(s) and easily provide an industry-standard strip for CATV<sup>\*F</sup> connectors on all R658 and R66 coaxial cable. Patented spring/like action adjusts to provide a precise strip without any adjustments. Built-in stop provides an industry-standard 2-step strip of 0.25° braid and 0.25° conductor. Replaceable blade cassette lasts 1000-2000 strips. Convenient built-in belt clip. **Mig. part no. CATVC** replacement blade is available; *go online or call.* 

Mfg. Part No.	Description	Stock No.	Price Each
2CSKCATV	Economical Coaxial Wire Stripper	92C1684	10.64
(5709)			

#### SCISSOR STYLE CRIMP AND RATCHET TOOLS



Mfg. part no. TH-450 scissors style crimp tool is the most versatile heavy-duty tool 3M<sup>™</sup> has ever offered. Crimp wire range of 26-6 AWG. It is a high-quality, compact crimping tool with cushioned vinyl handles and made of 1.40° (35.5mm) high-strength, heat-treated carbon steel. Features include: wire cutter, insulated and uninsulated terminal crimping stations, 5-position bolt cutter, and a funnel-shaped wire stripper.

TH-550 Mfg. Part No. Stock No. Description Price Each Scissors Style Crimp Tool 19C8886 TH-450 CRIMPING TOOL 98.80

Mfg. part no. TH-550 is a compact, professional quality crimping tool with a high strength to weight ratio. Heat treated alloy steel construction assures durability. Ignition crimp tool cuts, strips, and crimps all ignition wire — includir suppression. Strips all ignition cables without damage to the conductor in a unique self-centering "guillotine" nest. including

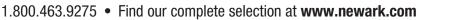
Mfg. Part No.	Description	Stock No.	Price Each
TH550	Ignition Crimp Tool	21M6994	94.15
(78551)			

#### SCOTCHLOK™ HAND CRIMP TOOLS

E-9Y crimp tool features stepped jaws and a long nose for parallel crimping, making it ideal for use with all Scotchlok<sup>™</sup> connectors, except **UIR**; order separately on page 1231. **E-9BM** heavy-duty crimp tool is capable of crimping all Scotchlok<sup>™</sup> connectors and features a parallel closing contention with a set of the target set of the target and the set of the set of the target and the target and the set of the set action, adjustable jaws, and 10-to-1 mechanical advantage which allows it to handle all wire gauges. Versatile E-9E Soctholk™ hand crimping tool has a parallel closing action and a 4-to-1 mechanical advantage. Crimps all Scotchlok™ butt and tap connectors, and all wire gauges.

			Price Each	
Mfg. Part No.	Description	Stock No.	1-4	
E-9Y*	Hand Crimping Tool	98F5807	33.72	
E-9BM	Heavy-Duty Hand Crimping Tool	98F5021	71.74	
E-9E	Hand Crimping Tool	98F7089	41.22	
Not recommended for 19 AWG or larger				

(6387)





F-9Y

Indicates RoHS Compliant

COMPACT

CUTTERS

AVEN

RATCHET CABLE

Find Datasheets Online

G GREENLEE.

## **CRIMPING TOOLS**

#### PRECISION CRIMP TOOL

- Capable of crimping 1.25 to 2.5mm (AWG 32-20) pitch
- connector pins D-Sub connector contacts can
- also be crimped Locking latch and coiled spring

**CRIMPER KITS** 

· Length: 230mm

Stripping - 0.75, 0.9, 1.25, 2.0, 3.5, 5.5mm<sup>2</sup>
 Crimping - 1.25, 2.0, 3.5-5.5mm 2 (non-insulated), 1.25, 2.0, 5.5mm 2 (insulated)

Bolt cutter - M2.6, M3, M3.5, M4, M5

· Compact body for fatigue-free work

Precision crimp tool for micro connectors is constructed of S55C with Teflon® coating. Original set-pin prevents the joint from being loose and offers easy maintenance. Length: 6.8"

Mfg. Part No.	Description	Stock No.	Price 1-9
10140	Precision Crimp Tool	01N4763	67.99
(116784)			

45207 Compact ratchet cable cutters with 2-speed ratchet mechanism adjusts for light or heavy cutting. Simple, 1-hand operation.

Mfg. part no. 45206 has 1%6" jaw opening for up to 600 MCM A1 and Cu. Mfg. part no. 45207 for larger capacity with 2" jaw opening for up to 1000 MCM A1 and 750 MCM Cu.

	Mfg. Part No.	Description	Stock No.	Price Each
	45206	1-7/16″ Jaw	48F2197	400.43
	45207	2″ Jaw	52F8911	471.79
(576	i8)			

### CRIMPMASTER™ CRIMP TOOL AND DIE SETS

Crimpmaster™ Die Set



Y DE TYL

Professional Crimpmaster™ heavy-duty, ratcheting crimp tool for coax, twisted pair and crimp terminal applications. Features comfort grip handles. Mfg. part no. 30-506 Crimpmaster™ tool frame accepts a variety interchangeable die sets; ordered separately below. Many other die sets are available; go online or call.

			Price Each	
Mfg. Part No.	Description	Stock No.	1-4	
30-506	Crimpmaster™ Tool Frame <b>Only</b>	50F3161	77.59	
30-500	Tool Frame and Die Set for 22-10 AWG Insulated Terminals	50F3155	108.69	
30-502	Tool Frame and Dle Set for BNC Connectors	50F3157	108.69	
30-483	Tool Frame and Die Set for RG-9, Belden 8281, RG-6 Cable	50B4251	118.39	
INTERCHANGE	INTERCHANGEABLE DIE SETS			
30-579	Die Set for 22-10 AWG Insulated Terminals	93B5606	57.71	
30-580	Die Set for 22-8 AWG	01C0376	49.23	
30-581	Die Set for BNC Connectors	98B2562	57.71	
30-582	Die Set for RG-6 and RG-59F Connectors	50F3165	47.40	
30-578	Die Set for RG-9, Belden 8281, RG-6 Cable	19C1166	46.70	
30-587	Die Set for RG-174 and RG-5 Cable	97B1671	57.71	
(47779)				



Mfg. part no. 30-433 coax strip and crimp tool. Cuts, strips and crimps RG-59 and RG-6 cable/F connectors. Separate stripping holes for inner and outer insulation. Mfg. part no. 30-429 multi-crimp tool for easy crimping/cutting—even in close quarters. Crimp bare or insulated terminals and wire splices (22 to 10 AWG). Mfg. part no. 30-428 combo tool for wire stripping/cutting, bolt cutting and crimping.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
30-433	Coax Strip and Crimp Tool	46F3691	53.95
30-429	Multi-Crimp Tool	59F1119	57.15
30-428	Combo Tool	59F1118	45.73
(5637)			



	TL10178				
	Price Ea				
Mfg. Part No.	Description	Stock No.	1-49		
TL10178	Crimper Kit	99M1199	5.45		
(116810)					

#### **K-SERIES CRIMPING TOOL** G GREENLEE. 8-1/0 AWG • Crimps Smaller Copper Connectors



copper connectors.

8

Small, Lightweight, Easy To Handle
 Easy To Get In Tight Locations
 Color-Coded, Hexagonal Rotating Dies

Tool capacity 8 AWG - ½ AWG copper. Overall length 15.4" (390 mm), weight 2.4 lbs. (1.1 kg). Tool is UL classified and CSA certified with Anderson, Blackburn, Burndy, ILSCO, Panduit, Thomas & Betts and Penn-Union

Mfg. Part No.	Description	Stock No.	Price Each
K05-1GL	Crimping Tool	06C3088	247.00
K05-1SPGL	Crimping Tool, Full Cycle Mechanism	06C3089	286.96
(85010)			

**CRIMPING TOOL 8-1 AWG** 



Small Size And Lightweight Make This An Ideal Tool For Crimping Small Lugs And Splices Easily Fits In Tool Pouches

Eval-Cycle Mechanism Assures That Crimps Are Complete
 Jaws Can Be Opened In Mid-Cycle If Necessary To Adjust Connector
 Wide Grips Make Crimping Easy On The Hands

Tool capacity 8 AWG - 1 AWG copper color-coded connectors. Overall length 10" (273 mm), weight 1.4 lbs. (0.6 kg). Tool is UL and CLL classified to be used with Anderson, Blackburn, Burndy, ILSCO, Panduit, Penn-Union, and Thomas & Betts copper color-coded code connectors.

Mfg. Part No.	Description	Stock No.	Price Each
K111	Crimping Tool	54H1794	285.05
(85009)			



## **CRIMPING TOOLS**

#### RATCHET **CRIMP TOOL**



Precision tool crimps insulated or bare terminals and wire splices (22 to 10 AWG). To assure uniform crimps, ratchet action prevents release prior to crimp connection.

0.0

		Price Each
Mfg. Part No.	Stock No.	1-4
83-001	98F9589	205.47
(5000)		

#### **CRIMPING TOOLS**





Mfg. part no. 1005 forged crimp tool for insulated and noninsulated terminals and connectors. Thin nose for tight spaces. Accommodates 10-22 AWG wire. Wire cutter. Red plastic-coated handles. Mfg. part no. 1006 designed for crimping non-insulated, solderless terminals and connectors ranging from 10 to 22 AWG. Specially hardened wire cutter in nose. Tapered nose for work in confined spaces. Plastic dipped handles (one red, one black to identify proper crimping mortification). position)

1005

				Price Each
_	Mfg. Part No.	Description	Stock No.	1-2
	1005	10-22 AWG Insulated/Non-Insulated	98F1875	42.76
	1006	10-22 AWG Non-Insulated	94F5754	44.57
(57	(23)			

NEW TECHNOLOGY

#### **CRIMPING PLIERS**



97 43 200

Includes service tools (hexagonal key, open end wrench, screws and nuts) in a plastic case

Almost parallel crimping performance Repetitive, high crimping quality due to precision dies and integral lock (self-releasing

Ergonomically designed handles and factory

Wide range of different crimp profiles for nearly all common crimp connections
Crimp dies not included

CRIMP PLIERS FOR WESTERN PLUGS Professional tool for cutting and stripping unshielded ribbon telephone cables

CRIMP SYSTEM PLIFRS

. mechanism)

calibrated



**KNIPEX** 

# 97 52 36

97 53 04



For crimping 6- and 8-pole Western plugs type Exact crimping process due to parallel crimping Repetitive, high crimping quality due to integral lock (self-releasing mechanism) With length cutter and dismantling knife for ribbon cables 6 and 12 mm length

- PRECIFORCE<sup>®</sup>, CRIMP PLIERS
- Repetitive, high crimping quality due to precision dies and integral lock (self-releasing mechanism)
   Factory calibrated
- Lightweight, short design and ergonomically shaped handles
- SELF-ADJUSTING CRIMP PLIERS
- For crimping end sleeves (ferrules) according to DIN 46228 parts 1 + 4 Lateral loading of the end sleeves (ferrules) into the tool

- Square crimping for order order of self-adjustment to the size of the end sleeve (ferrule) Square crimping for optimum contact areas in the clamp connection Repetitive, high crimping quality due to integral lock (self-releasing mechanism)
- Factory calibrated
- Mfg. part no. 97 53 08 crimping from 0.08 10.0 mm<sup>2</sup> in one profile, parallel loading up to 2.5 mm<sup>2</sup>
   Mfg. part no. 97 53 14 heaxagonal crimping for optimum positioning in confined areas
- CRIMP PLIERS FOR END SLEEVE FERRULES
- For crimping end sleeves (ferrules) according DIN 46228 parts 1 + 4 from 0.25 to 16 mm<sup>2</sup>
   Crimping in marked half-round dies for secure connections between the sleeve and the conductor 9 Deep troughs with conical side faces

All pliers have high or optimum transmission force for reduced user fatigue.

#### ► CONTINUED ►



Mfg. Part No.	Head	Handles	Applications/ Capacity	No of Crimp Positions	Overall Lgth. (mm)	Wt. (g)	Stock No.	Price Each		
97 43 200	Burnished	Plastic Coated	Crimpmig Dies		200	988	<u>06R6329</u>	264.98		
CRIMP PLIERS FOR WESTERN PLUGS										
97 51 10	Burnished	Dual Comp.	RJ 11/12 (6-poles) RJ 45 (8-poles)	2	190	340	<u>06R6330</u>	85.78		
RECIFORCE®	CRIMP PL	ERS								
97 52 36	Burnished	Dual Comp.	Insulated Terminals and Plug Connectors/ AWG 20-10	3	220	487	<u>06R6331</u>	180.74		
ELF-ADJUST	NG CRIMP	PLIERS								
97 53 04	Burnished	Dual Comp.	End Sleeves (ferrules)	1	180	405	06R6332	287.34		
97 53 08	Burnished	Dual Comp.	End Sleeves (ferrules)/ Front loading and Parellel loading	1	190	477	<u>06R6333</u>	291.38		
97 53 14	Burnished	Dual Comp.	End Sleeves (ferrules)	1	180	404	<u>06R6334</u>	302.08		
RIMP PLIERS	FOR END S	LEEVE FE	RRULES							
97 71 180	Polished	Plastic Coated	End Sleeves (ferrules)/ AWG 23-5	9	180	240	<u>06R6337</u>	64.86		
97 72 180	Polished	Dual Comp.	End Sleeves (ferrules)	9	180	283	<u>06R6338</u>	67.34		

1300 and 8000 SERIES **CRIMPERS WITH INTERCHANGEABLE DIE SETS** 

CRIMPING PLIERS (CONT.)

#### RoHS Compliant Paladin Tools Available



8000 series CrimpALL®

1300 series economy crimp tool frame with interchangeable die sets feature fully-ratcheted cycle, manual ratchet-release, adjustable crimp tension and EZI-CHANGE™ thumb screws for the die sets — no additional tool required to change crimp application. 5-year warranty. 8000 series CrimpALL<sup>®</sup> ergonomically-designed crimp tool with inter-changeable die sets make it easier and more efficient to do any crimping job — the CrimpALL<sup>®</sup> tool does all work. Angled head prevents awkward wrist bending, reduced handle grip makes it a snap for both large and small hands, higher crimp force is produced with less hand force so your hand doesn't tire as guickly and no breakower hand force — to complete the crimp. Crimofrable, rubber-embedded handles. Rugged double-plated jaw assembly. Uses same interchangeable dies as the 1300 series crimper. 10-year warranty. Other crimpers and die sets are available; *go online or call*.

FOR ELECTRICAL/INDUSTRIAL CONNECTORS

	1300 Series Crimper & Die 8000		8000 Ser	ies CrimpA	LL & Die	Die Only			
For Use	Mfg. Part	Stock	Price Each	Mfg. Part	Stock	Price Each	Mfg. Part	Stock	Price Each
With	No.	No.	1-5	No.	No.	1-5	No.	No.	1-5
Insulated Terminals & Lugs 22-10 AWG	• 1305	<u>50F6302</u>	62.97	• 8021	<u>20C4864</u>	81.11	• 2035	<u>52F1363</u>	27.74
Open Barrel, Non-Insul. Terminals & Lugs 22-14 AWG	• 1306	<u>92B6687</u>	62.97	• 8026	<u>20C4869</u>	81.11	• 2033	<u>50B6414</u>	27.74
Wire Ferrules 22-10 AWG	• 1360	<u>13C2575</u>	62.97	• 8025	<u>20C4868</u>	81.11			
FOR COAXIA	AL CONNEG	CTORS							
RG58/59 /62AU BNC/TNC	• 1317	<u>50F6306</u>	62.97	• 8001	<u>20C4844</u>	81.11	• 2034	<u>91B6556</u>	27.74
RG59/ RG6 CATV "F"	• 1328	<u>50F6296</u>	62.97	• 8013	<u>20C4856</u>	81.11	• 2042	<u>50B6415</u>	27.74
RG6/ RG6Quad BNC/ CATV "F"	• 1356	<u>20C4635</u>	62.97	• 8012	<u>20C4855</u>	81.11	• 2045	<u>02C6780</u>	27.74
HDTV BNC/TNC				• 8049	<u>73J8570</u>	81.11	• 2699	73J8490	27.74

► CONTINUED ►

8



Eind Datasheets Online

## **CRIMPING TOOLS**

#### 1300 and 8000 SERIES CRIMPERS WITH INTERCHANGEABLE DIE SETS (CONT.)

FOR MODULAR PLUGS

	1300 Ser	ies Crimpe	er & Die	8000 Ser	ies CrimpA	LL & Die		Die Only	
For Use	Mfg. Part	Stock	Price Each	Mfg. Part	Stock	Price Each	Mfg. Part	Stock	Price Each
With	No.	No.	1-5	No.	No.	1-5	No.	No.	1-5
RJ45 WE/SS- Style & RG6/ RG6Quad CATV "F"	• 1387	<u>32H6888</u>	60.99	• 8045	<u>32H7049</u>	75.99	• 2687	<u>32H6975</u>	31.99
RJ45 WE/SS- Style	• 1307	<u>92F2631</u>	62.97	• 8030	<u>20C4873</u>	81.11	• 2061	<u>91B0839</u>	27.74
RJ22 Handset Amp-Style				• 8032	<u>20C4875</u>	81.11	• 2064	<u>97B2677</u>	27.74
RJ11/RJ12 Amp-Style	• 1342	20C4630	62.97	• 8034	20C4877	81.11	• 2065	23C8055	27.74
1300 SERIES						-			

Mfg. part no. PA1302 crimp tool frame accepts interchangeable crimp die sets; order separately from table above Price Each Mfg. Part No. Description Stock No. Τ

PA1302	1300 Series Crimp Tool Frame Only	50F6284	42.9
(5746)			

RoHS Compliant Available COMBINATION RJ-45/ CATV "F" CRIMPERS AND Paladin Tools DIE SET



crimp tool both feature the first combination die set ideal for data, voice and video applications. Used to terminate standard RJ-45 WE/SS modular plugs and 1-piece R66/R66 Quad CATV "F" connectors. Crimp style: UTP 4-pair and R66/R66 Quad RJ-45 WE/SS 8-pin and 0.360"/0.324" hex.

Mfg. Part No.	Description	Stock No.	Price Each						
• 8045	CrimpALL 8000 Crimper w/Die	32H7049	75.99						
• 1387	1387 RJ-45 WE/SS and CATV F 1300 Series Crimper with Die Set								
REPLACEMENT DIE SET									
HEI EROEMENT									
Mfg. Part No.	Description	Stock No.	Price Each						
	-	Stock No. 32H6975	Price Each 31.99						

RoHS Compliant Available Paladin Tools **1600 SERIES** PROFESSIONAL CRIMPERS

Professional-quality crimping tools with precision-calibrated crimp profiles. Manufactured from the finest quality tool steel. Ergonomically-shaped handles with comfortable, non-slip rubber grip with small grip distance — perfect for smaller hands. This crimp frame is preferred by many broadcast engineers. Lifetime warranty. COAXIAL CABLE CONNECTORS

1600 w/Die		1600 Crimp	Price Each	Die Only	Die Only	Price Each
Mfg. Part No.	Description	Stock No.	1-9	Mfg. Part No.	Stock No.	1-9
• 1617	RG58/59/62AU BNC/TNC	<u>2307322</u>	130.50	• 2005	50B6412	54.27
• 1645	30-18 AWG	97B3917	161.18			
• 1631	Open-Barrel Contacts 24-14 AWG	<u>97B2530</u>	220.42	N/A Fixed Die		
• 1646	Open-Barrel D-Sub Contacts, 28-20 AWG	20C4662	236.94			
WIRE FERRULES	5			-		
• 1647	24-10 AWG	26C0994	196.82	26C0994	26C0994	196.82
(72365)						

**D-SUBMINIATURE** CRIMPERS

RoHS Compliant Available

Paladin Tools

4-way indent crimping tool for crimping screw machine pins and socket contacts. Crimps D-subminiature contacts for RS232 interface connectors. Built-in contact locator (for mrg. part no. 1440 only), full ratchet cycle. Mrg. part no. 1440: 26-20 AWG. Mrg. part no. 1441: 20-12 AWG.

Mfg. Part No.	Description	Stock No.	Price Each		
• 1440	4-Indent Crimper; 26-20 AWG	93F7838	47.19		
• 1441	4-Indent Crimper; 20-12 AWG	93F7839	47.19		
(5627)					

RoHS Compliant Available SEALTITE<sup>®</sup> CRIMP TOOLS AND WATERPROOF CATV "F" COMPRESSION CONNECTORS

## Paladin Tools

multicomp



#### 901024

Powerful SealTite<sup>®</sup> crimp tools and waterproof CATV "F" coaxial connectors — a durable combination from Paladin Tools. **Mfg. part no. 1555** SealTite<sup>®</sup> Pro Crimper easily crimps all waterproof and weatherproof linear CATV "F", BNC, RCA and right-angle compression-type connectors, from all manufacturers, for RG59, RG62AU, RG6 and RG6 Quad Shield cable. Features an advanced fully-ratcheted system with built-in release. Crimp height adjusts with thumb screw and locks into place. Comfortable, non-slip nubber-embedded handles. **Mfg. part no. 901024** SealTite<sup>®</sup> 59/6 compression crimp tool crimps Paladin SealTite<sup>®</sup> CATV "F" connectors, *ordered separately below* and also Augat/T&B Snap-N-Seal<sup>®</sup> connectors and Aim CATV "F" waterproof connectors for RG59, RG6 and RG6 Quad 75-ohm coaxial cable. Features a fully ratcheting one-cycle crimp function and comfort-grip handles.

1555

Mfg. Part No.	Description	Stock No.	Price Each	
• 1555	SealTite Pro Crimper	97H2962	69.99	
901024	SealTite 59/6 Compression Crimp Tool	<u>19C8810</u>	46.97	
SEALTITE <sup>®</sup> COM	SEALTITE® CONNECTORS			
Mfg. Part No.	Description	Stock No.	Price per Pkg.	
• 9611	SealTite Waterproof CATV "F" Compression Connector for RG6 Cable — Sold in Pkg. of 20	<u>90H9693</u>	19.66	
• 9643	SealTite Waterproof CATV "F" Compression Connector for RG6 Cable — Sold in Pkg. of 10	<u>16M3472</u>	10.92	
• 9644	SealTite Waterproof CATV "F" Compression Connector for RG6 Quad Shield Cable — Sold in Pkg. of 10	<u>16M1172</u>	10.92	

#### **RF CRIMP TOOL**

(64776)

- · Crimps insulated MMCX
- connectors Steel construction
- Adjustable pressure
  7 jaw size die
- Ratchet mechanism
- · Heavy-duty handles



			Price Each
Mfg. Part No.	Description	Stock No.	1-24
HT-336T	RF Crimp Tool	14J1105	21.84
(116647)			

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HOBBY KNIFE SETS

 Hobby knife set contains everything you would need to get you started

 Ideal for the modeler or craft worker

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**D**URATOOL

**Price Each** 

1-49

INDUSTRIES CORP.

7.66

Price Each

KNIPEX

TL10507

Stock No

99M1264

## CUTTERS - CABLE • CUTTERS - KNIFE

#### WIRE STRIPPER/CUTTERS

- Compact, lightweight
- Strip, gauge, cut and loop solid or stranded wire
- Clear wire gauge markings on both sides of tools
  Strong, hardened-steel with precision-ground
- stripping holes
- Comfortable plastic-dipped handles

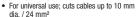
<ul> <li>Overall length: 6¼"</li> </ul>			11047	
		Handle		Price Each
Mfg. Part No.	AWG	Color	Stock No.	1-4
11045	18-10	Yellow	94F5759	18.17
11046	26-16	Red	92B3579	19.12
11047	30-22	Yellow	92B0882	20.03
11049	18-8	Red	84C8719	18.80
56571)				

#### **CABLE AND WIRE ROPE SHEARS**



E fort





With opening spring and locking lever · Blades made of stainless steel oil-hardened

#### and tempered

CABLE SHEARS

- **COMBINATION SHEARS**
- For cutting cardboard, plastics, aluminium, brass and copper foils With opening spring and locking lever With guard and adjustable screw joint
- · Blades made of stainless steel oil-hardened and tempered

#### CABLE SHEARS

- For cutting copper and aluminium cables, single and multiple wire
   Universal use for dismantling and stripping
- Precision ground, hardened blades
  Clean and smooth cut without crushing and deformation

#### RACHET CABLE CUTTER

- · For cutting copper and aluminium cables, single and multiple wire
- Precision ground, hardened blades Clean and smooth cut without crushing and
- deformation One-hand operation using ratchet principle

### · 1000V, VDE tested

- WIRE ROPE CUTTER For medium hard wire up to 6 mm dia.
- With opening spring and locking lever
   Cutting edges additionally induction hardened
   Special blade geometry prevents the wire
- rope fanning out



95 36 250

95 61 190

			erformances m)/ mm <sup>2</sup>	Overall Length	Wt.		Price
Mfg. Part No.	Head	Copper	Aluminum	(mm)	(g)	Stock No.	Each
95 05 165	Polished	10	24	165	111	06R6323	32.96
95 05 190	Polished			190	116	06R6324	29.04
95 11 165	Burnished	15	50	165	210	06R6325	40.30
95 36 250	Lacquered	32	240	250	652	06R6326	379.26
95 61 190	Polished	6	10	190	314	06R6327	63.54
(147405)							

## **DURATOOL** RETRACTIBLE UTILITY KNIFE 10 TL10493 TL10494

Retractable Utility blade has 3 positions, cast metal construction. Precision die-cast ergonomically designed handle with an easy blade change without the use of any block in the second of the second of the second s

			Price Each
Mfg. Part No.	Description	Stock No.	1-99
TL10493	Retractible Utility Knife	97M9419	1.98
TL10494	Utility Knife Blades and Dispenser, 100 pc	97M9420	3.90
(116717)			



Mfg. Part No.	Description
TL10507	Hobby Knife Set, 35 pc
(116769)	
ERGOMOMIC CABL Splicing Knife	E NEW TECHNOLOGY
<ul> <li>Blade length: 1 3/4"</li> <li>Overall length: 6 1/4"</li> </ul>	
Cable splicing knife holds its and features a non-slip easy made from TPR (thermoplasti	grip ergonomic handle

trol and reduced hand fatigue. The tough cutlery steel blade is extremely sharp and cuts easily through many types of insulation. Mfg. Part No. Description KN-7 Ergonomic Cable Splicing Knife (139050

#### **INSULATED KNIVES**

CABLE KNIFE Solid, fixed straight blade blade oil-hard-ened and tempered Transparent protective cap

DISMANTLING KNIFE Solid, fixed hook blade, sickle shaped, made of stainless steel, vacuum hardened Guide shoe at the blade point No damage of the conductor insulation Transparent protective cap

CABLE KNIFE Solid, fixed straight blade Replaceable specially ground blade made of stainless steel Hinged blade guard, integrated in the handle, captive Back of the blade plastic coated to avoid short circuit



Stock No

76M0043

All knives feature ergonomically shaped safety handles and are VDE tested according to DIN EN/IEC 60900 : 2004.

NEW TECHNOLOGY

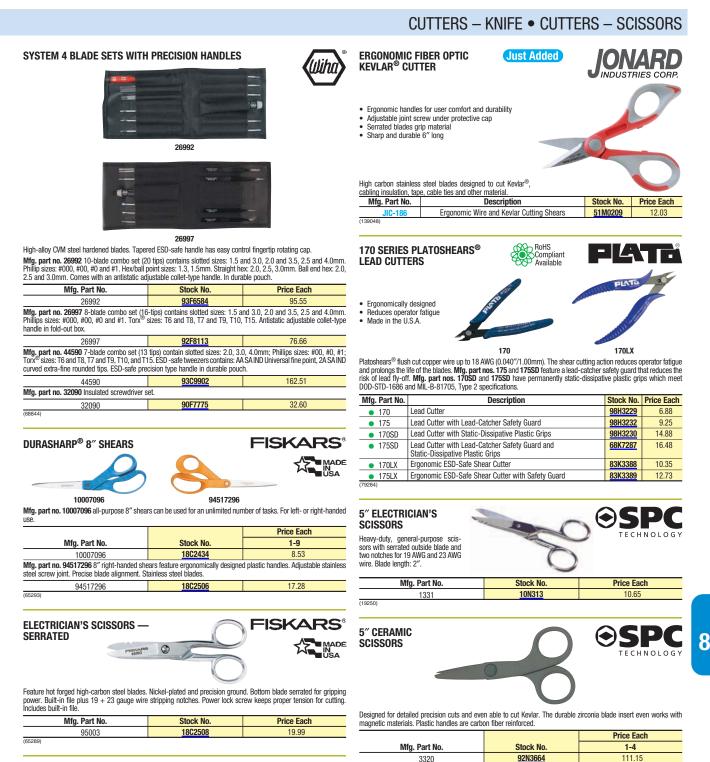
50	180			
	100	67	06R6339	20.70
38	155	68	06R6340	54.74
50	185	64	06R6341	34.52
Descri	iption		Stock No.	Price Each
Spare Blade	e For 98 56		06R6342	14.04
-	50 Descr		50 185 64 Description	50 185 64 06R6341 Description Stock No.

#### **ELECTRICIAN'S KNIFE**

**Xcelite**<sup>®</sup>

This 4" long utility tool is both a knife and a screwdriver. Screwdriver blade with sharp edge for scraping insulation. Tough Delrin handle.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
K22	4" Electrician's Knife	35F251	28.75





## **Current Order Status & History**

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(1925)



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## CUTTERS - SCISSORS • CUTTERS - WIRE

NIPPERS, CUTTERS, SHEARS AND SCISSORS



#### NIPPERS AND CUTTERS

Mfg.part no. TC-1 industrial thread nippers feature nickel-plated, hot drop-forged steel blades with self-opening spring action. Mfg. part no. 1570-B Quick-Clip<sup>®</sup> speed cutter features stainless steel, replaceable 1" long blades, positive spring action and heavy-duty contour frame.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
TC-1	4¾" Industrial Thread Nippers — Sharp Point Blades	34F1000	13.60
1570-B	4¾" Quick Clip <sup>®</sup> Speed Cutter — Sharp Point Blades	46F2594	5.52
CULLADO AND C	0100000		

SHEARS AND SCISSORS Mfg.part no. 175-E electrician's scissors feature nickel-plated, hot drop-forged 1%" long blades with a scraper and file on back edge of blade. Mfg. part no. 176E-5 electrician's scissors is the same as mfg.part no. 175E plus features a double stripping notch for 19 gauge and 23 gauge wire. Mfg. part no. 175-E3 electrician's scissors is the same as mfg. part no. 175E-5 except one blade. Is serrated 1" back from the point Mfg. part no. 8BL T beft and leather cutting shears feature 3" long nickel-plated steel blades, one serrated with sharp point and the other edged with blut tip, black finished handle, and patented Set-Easy<sup>®</sup> pivot. Mfg. part no. 764 sewing and embroidery scissors feature nickel-plated, hot drop-forged 1%" long blades with sharp points, flat pattern and ring handles.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
175-E	51/4" Electrician Scissors — Scraper and File on Back of Blade	34F1003	14.08
175E-5	5¼" Electrician Scissors — Double Stripping Notch, Serrated Along Entire Bottom Blade	46F2593	13.52
8BLT	81/4" Belt and Leather Cutting Shears	10B4366	43.31
764	41/8" Sewing and Embroidery Scissors	10B4216	19.33
(20236)			

#### UTILITY SHEARS



Mfg. part no. WEZSNIP Easy Snip utility shear features strong, corrosion-resistant 4" long stainless steel blades with rounded points. Textured, molded handles for secure, comfortable grip. Spring assist action minimizes fatigue. Wire cutting notch in lower blade. Thumb latch secures blades closed for storage.

Mfu. part no. W8TA utility shear features take-apart blades for easy cleaning. Strong, corrosion-resistant stainless steel 4" long blades with rounded points. Black plastic handles are dishwasher safe.

Mfg. part no. W912 shop shear features serrated lower blade for better grip on materials being cut. Cutting notch on lower blade for rope and twine. Safety point on 41/2" long blades. Adjustable pivot to change cutting tension for best feel. Black, hard plastic handles clean easily

Mfg. part no. W812 8½" home and craft scissor features corrosion-resistant, stainless steel 3½" long blades with sharp points. Straight blades can be sharpened. Adjustable pivot to change cutting tension for best feel. Red, hard plastic handles with Soft-Touch finish offer high leverage.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
WEZSNIP	8¾" Easy Snip Utility Shear	84K0499	11.59
W8TA	8" Take-Apart Utility Shear	84K0500	14.23
W912	10" Shop Shear	84K0502	14.49
W812	81/2" Home and Craft Scissor	84K0501	8.63
(88514)			

8



MultiMaster<sup>®</sup> snips are great for making long, fast cuts in several types of material including paper, plastic, sheet metal, aluminum, vinyl siding, screening and many others. The long cut of tinner's snips is combined with the strength of compound action. The compound action multiplies the force of the hand by five times. Cuts up to 20-gauge low carbon cold rolled steel. Features non-slip, serrated jaws and "hi-viz", non-slip textured grips. 3" long straight-cutting blade. Overall tool length: 10½".

Mfg. Part No.	Stock No.	Price Each
M300	83F4117	20.05
(35985)		

## ELECTRONIC SHEARCUTTERS 170M



Carbon steel electronic shearcutters with easy-grip molded red handles. Superior blade by-pass shear cutting action is designed to cut with less effort. 5" shears flush-cut soft wire up to 20 AVG. 6" shears 1 jush-cut wire up to 14 AVG. Heavy-duty shears offer maximum durability for IC pins, cable and harnesses. Mfg. part nos. 175M, 175D, 2178M and 2178D feature safety clips to help prevent flying leads.

			Price Each	
Mfg. Part No.	Description	Stock No.	1-4	
170M	5" General-Purpose, Low-Profile Shearcutters	50F172	7.24	
175M	5" General-Purpose, Low-Profile Shearcutters with Safety Clips	50F4002	8.88	
1178M	6" Heavy-Duty Shearcutters	96F8902	13.07	
2178M	6" Heavy-Duty Shearcutters with Safety Clips	50F4003	15.62	
ELECTROSTATIC DISSIPATIVE (ESD) MODELS Feature static-dissapative black grips to help reduced mechanical shock delivered to the work.				
170D	5" General-Purpose, Low-Profile Shearcutters with ESD Grips	92F6157	8.04	
175-D	5" General-Purpose, Low-Profile Shearcutters with Safety Clips, ESD Grips	<u>52F5705</u>	9.77	
1178D	6" Heavy-Duty Shearcutters with ESD Grips	96F8900	15.76	

6" Heavy-Duty Shearcutters with Safety Clips, ESD Grips

#### ESD CUTTERS

2178D

(5990

Wiss®

ESD electrostatic discharge certified. Drop-forged spring-release handles. 2-component handles with slip guard. Length:130mm.



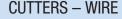
66F2965 17.16

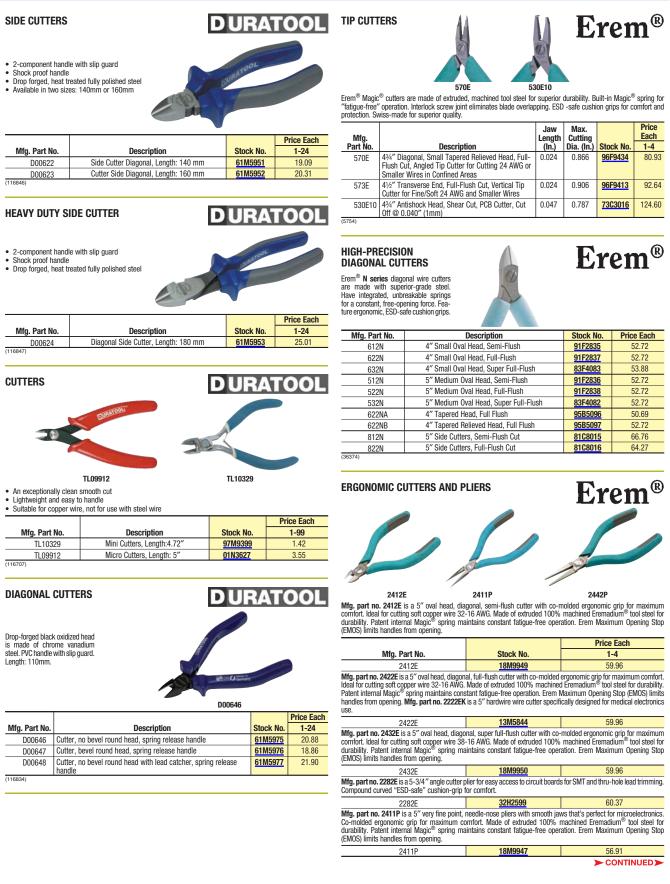
			Price Each
Mfg.Part No.	Description	Stock No.	1-24
D00655	ESD Cutter, no bevel round head, spring release handle	61M5984	25.24
D00656	ESD Cutter, bevel round head, spring release handle	61M5985	22.58
D00657	ESD Cutter, no bevel round head with lead catcher, spring release handle	<u>61M5986</u>	23.04
(116841)			

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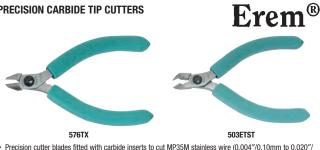
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## **CUTTERS – WIRE**

#### ERGONOMIC CUTTERS AND PLIERS (CONT.)

Price Each							
Mfg. Part No.	Stock No.	1-4					
Mfg. part no. 2442P is a flat-nose pliers with a is ideal for universal bending. Made of extrud Magic <sup>®</sup> spring maintains constant fatigue-free opening.	ed 100% machined Eremadium® t	tool steel for durability. Patent internal					
2442P	18M9951	58.04					
(36277)							

#### PRECISION CARBIDE TIP CUTTERS



- Precision cutter blades fitted with carbide inserts to cut MP35M stainless wire (0.004"/0.10mm to 0.020"/ 0.50mm dia.) found in stents, catheters and guide wires

- Super-full-fush cut for critical medical applications
   Super-full-fush cut for critical medical applications
   Extruded 100% machined Eremadium® tool steel for strength and durability
   Patented internal Magic® spring maintains constant opening/closing fatigue-free operation
   Erem® Maximum Opening Stop (EMOS) limits handles from opening to prevent excessive hand spread
   ESD safe, ergonomic cushion grips for more comfort and protection
   Interlock screw joint system delivers wobble-free operation and avoids blades overlapping

Carbide tip precision cutters deliver the ultimate in comfort, control and performance necessary for demanding medical applications. Swiss-made for superior quality, precision and reliability. **Mig. part no. 576TX** diagonal tip carbide cutter relatures a tapered relived head that reaches into tight places. Also cuts other malleable wire up to 0.008" (0.20mm) diameter. **Mig. part no. 503ETST** angled tip oblique head carbide cutter is angled at 30° to ease stress on user's wrist.

#### PRECISION CARBIDE TIP CUTTERS FOR MEDICAL APPLICATIONS

D257-4C

8

Mfg. Part No.	Description	Stock No.	Price Each
	4¼" Tapered-Relieved Head Super-Full-Flush-Cut Diagonal Tip Carbide Cutter	<u>83F4089</u>	193.49
503ETST	41/4" Oblique Head Full-Flush-Cut 30° Angled Tip Carbide Cutter	72J5889	242.96

CARBIDE DIAGONAL CUTTER FOR GENERAL USE Mfg. part no. 595T general-use cutter features tungsten carbide blades. Ideal for cutting hard wire up to 0.020". Ergonomic cushioned handles. NOTE: Not for medical electronic applications.

4<sup>1</sup>/<sub>4</sub>" Full-Tapered Head Semi-Flush Cut Diagonal Cabide Cutter <u>32H3333</u> 146.65 595T



D202-6C

All tools have plastic-dipped or slip-on plastic handles. Mfg. part nos. 2022 and 2557 are standard cutters with a standard tapered nose, except mfg. part no. D257 which is a semi-flush cutter. Mfg. part no. D210 is a standard semi-flush diagonal cutter. Mfg. part no. D219-4C is a midget slim pointed nose diagonal cutter. Mfg. part nos. D209, D244, and D259 are midget pointed noses and diagonal cutters, but mfg. part no. D244 is a narrow jawa Mfg. part no. D295 has a midget tapered nose with a midget jaw. Mfg. part no. D228 has a tapered nose with high leverage handles. Mfg. part no. D209 has a pointed nose and semi-flush cutters. Mfg. part no. D230 has a midget pointed nose with high hardness. Mfg. part no. D209 has a pointed nose and semi-flush cutters. Mfg. part no. D230 has a midget pointed nose with high hardness. Mfg. part no. D209 has a found to cutter which cuts up to 14 AWG\*. Mfg. part nos. with suffix C indicate coil spring handle.

			Price	Each
Mfg. Part No.	Description	Stock No.	1-2	3-4
D202 5C	51⁄2″	34F018	37.38	36.73
D202 6C	61/16″	34F019	40.15	38.11
D219-4C	43/16″	94F5745	41.02	39.96
D257 4C	43/16″	34F093	39.98	39.28
D210 5C	51⁄2″	34F021	43.15	42.40
D209 5C	5″	34F028	41.49	39.38
D244-5C	5″	84F2090	45.98	45.18
D259-4C	43/16″	94F5748	44.48	43.33
D295-4/C	43/16″	94F5749	47.10	45.88
D228 8	8″	34F117	37.08	35.19
D209 4C	4¾16″	34F231	41.23	39.14
D230-4C	43⁄16″	50F7346	44.79	44.01
D275-5*	5″	34F045	16.07	15.33
*Has steel hold-open spring				



- Precision priors for und mice asserting work for grapping, nearing and solving Electrically discharging version Joint with screw: precise, zero backlash operation of pliers Precisely finished joint surfaces for smooth, low friction movement along the complete opening range
- Lightweight, non-reflective finish
   Ergonomic, two-colour dual component ESD handles, black/grey
   DIN ISO 9655

Mfg. Part No.	Head	Description	Overall Length (mm)	Wt. (g)	Stock No.	Price Each
34 12 130 ESD	Polished	Style 1:Flat, Wide Jaws	135	62	06R6285	66.16
34 22 130 ESD	Polished	Style 2:Half-Round Jaws	135	65	06R6286	66.16
34 32 130 ESD	Polished	Style 3:Round, Pointed Jaws	135	62	06R6287	66.16
(147254)						

#### ELECTRONIC PRECISION PLIERS



KNIPE

78 03 125 78 03 125 ESD

- Precision pliers for ultra fine cutting work, e. g. in electronics and fine mechanics
- Precision places for third line cut days (e.g. in electronics and Precision shaped tips also cut close sitting wire from 0.2 mm dia. Joint with stainless steel rivet Smooth movement for minimum operator fatigue

- .

Head Stainless Steel	<b>Soft</b> 1.6	Medium Hard 1	Length (mm) 125	Wt. (g) 56	Stock No.	Price Each
		1	125	56		
Ctainlosa Ctaol				00	06R6308	36.90
Stalliess Steel	1.6	1	125	57	06R6310	36.16
Stainless Steel	1	0.60	125	55	06R6312	41.66
ished	1.6	1.2	125	55	06R6313	38.32
ished	1.6	1.2	125	57	06R6315	42.72
ished	1.6	1.2	125	57	06R6317	35.15
ished	1.6	1.2	125	57	06R6318	39.29
	ished	ished 1.6 ished 1.6	ished 1.6 1.2 ished 1.6 1.2	ished 1.6 1.2 125 ished 1.6 1.2 125	ished 1.6 1.2 125 57 ished 1.6 1.2 125 57	ished 1.6 1.2 125 57 06R6315 ished 1.6 1.2 125 57 06R6317

#### ELECTRONICS DIAGONAL CUTTERS ESD

Electrically discharging version - dissipative. Two-color dual component handles black/gray.							
78 03 125 ESD	INOX Stainless Steel	1.6	1	125	55	06R6309	35.55
78 13 125 ESD	INOX Stainless Steel	1.6	1	125	57	06R6311	38.89
78 61 125 ESD	Burnished	1.6	1.2	125	56	06R6314	42.24
78 71 125 ESD	Burnished	1.6	1.2	125	57	06R6316	40.20
(147269)							



(14



## elnvoices

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Go online or call for non-compliant or Kork RoHS compliant products. See page 3

Opening spring and restricted opening DIN ISO 9654

#### CUTTERS – WIRE RoHS Compliant Available Paladin Tools **DIAGONAL CUTTING PLIERS** TECHNOLOGY **PROFESSIONAL CABLE CUTTERS/STRIPPERS** KNIPEX DIAGONAL CUTTERS High quality diagonal cutter for all-round use and Precise workmanship for long service life Precision cutting edges for soft and hard wire Clean cutting at cutting edge tips; also in case of thin copper wires Cutting edges additionally induction hardened, cutting edge hardness approx. 62 HRC Narrow head style for use in confined areas Vanadium electric steel, oil-hardened and tempered DIN ISO 5749 77 02 125 HIGH LEVERAGE DIAGONAL CUTTERS 900265 1119 With forged-on axle for heaviest duty Suitable for all types of wire including piano wire 900265 1119 Mig. part no. 900265 precise, KT8 professional cutter is effortless to use. Cuts solid, stranded and flexible cable, up to 6 AWG. Features specially designed blades to prevent cable deformation when cut, textured handles and hand-stops to prevent slips. Lifetime manufacturer's warranty. NOTE: Not for use on steel. Mig. part nos. 1119 SmartHome SureStripT<sup>W</sup> professional all-in-one cutter/stripper for coaxial and twisted pair cable. Cuts and strips RG6, RG6 Quad, RG59, CAT6, CAT5e and CAT5 cable. Features removable coax blade cassette to adjust stripping depth, adjust UTP/STP stripper depth with simple thumb screw, self-regulating to prevent nicks and has contoured finger grips for more cutting power. Mig. part no. 1116 Data SureStripT<sup>w</sup> cuts and strips 4.6, -6, -8- conductor flats and table and UTP/STP data and telephone cable and 14-8 AWG wire and multiconductor round bundle cable with a maximum diameter of 0.5<sup>w</sup>. Features adjustable stripping depth with simple thumb screw and self-regulating to prevent nicks. High cutting performance with minimum effort due to optimum co-ordination of the cutting edge angle. Transmission ratio and ergonomic handle shape Precision cutting edges additionally induction-74 02 140 hardened, cutting edge hardness approx. 64 HRC High performance chrome vanadium steel, oil-hardened and tempered Length 250 mm: long diagonal cutter is suitable for copper conductors up to 16 mm<sup>2</sup> and aluminium conductors up to 35 mm<sup>2</sup> Price Each Mfg. Part No Stock No Description 1-9 • DIN ISO 5749 77 02 115 • 900265 KT 8 Professional Cutte 23.59 93B7835 ELECTRONICS DIAGONAL CUTTERS 1119 SmartHome SureStrip Cable Cutter/Stripper 28M7898 29.99 Precision pliers for ultra fine cutting work with Data SureStrip Cable Cutter/Stripper 8909208 22.99 • 1116 precision box joint (72362 Low-friction double spring for gentle and even opening · Polish or mirror polish finish with a fine film of oil offer rust protection - no peeling chrome Cutting edges additionally induction hardened, cutting edge hardness approx. 62 HRC PRECISION D) 77 02 115 ESD WIRE CUTTERS INOLOG Special tool steel, oil-hardened and tempered **DIN ISO 9654 Cutting Performances** Overall (mm)Wt. Lenath Price Mfg. Part No. Head Soft Hard (mm) (g) Stock No. Fach Polished 80 06R6288 70 02 125 2.3 1.5 29.80 Precision-ground cutting edges available in semiflush and full flush configurations. Static-dissipative handles are ergonomically designed to offer a safe and comfortable grip in any working condition. High-pressure joint provides smooth operation. Antiglare black oxidation surface treatment for better vision. Length: 5". **Types 1371** through **1374** are rated for 1 million cuts. Polished 140 126 33.80 70 02 140 2.5 1.8 06R6289 Polished 2.8 160 171 06R6290 31.01 70 02 160 2.5 200 Polished 180 06R6291 36.42 70 02 180 **Cutting Performances** Mfg. Part No. Configuaration **Cutting Capacity** Stock No. Price Each arnothing (mm) Overall Length 2.0mm (12 AWG) Soft Wire 1371 Semiflush 92N3652 10.04 Hard/ Wt. Price 1374 Semiflush 0.5mm (24 AWG) Steel Wire, 2.5mm (10 AWG) 92N3655 11.80 Mfg. Part No. Head Soft Piano (mm) (g) Stock No Each Soft Wire 3.1 74 02 140 Polished 140 157 06R6292 38.32 Full Flush 1.6mm (14 AWG) Soft Wire 11.27 1372 92N3653 74 02 160 Polished 34 25 160 209 06R6293 39.64 Full Flush 1.3mm (16 AWG) Copper Wire 11.80 92N3654 1373 Polished 3.8 2.7 180 273 06R6294 42.84 74 02 180 Full Flush 1.3mm (16 AWG) Soft Wire 50N046 7.79 SPC4794 06R6295 45.10 74 02 200 Polished 4.2 200 304 3 Full Flush 0.81mm (20 AWG SPC4796 50N048 10.56 06R6296 Polished 4.6 3.5 250 437 54.98 (19249 74 02 250 74 08 250 US Polished 06R6297 64.02 **Cutting Performances** Overall **ESD SAFE CUTTERS** Ø (mm) Length Wt Price Wiha (mm) Mfg. Part No. Head Soft Hard (g) Stock No Each Mirror Polished 80 59.62 77 02 115 1.6 0.6 115 06R6298 64 Polished 1.3 115 06R6301 55.34 77 21 115 80 59.49 Mirror Polished 1.3 0.5 115 06R6302 77 32 115 77 42 115 Mirror Polished 1.3 115 80 06R6304 62.70 **Beveled Cutter** 0.5 77 Mirror Polished 115 06R6306 65.80 77 52 115 ELECTRONICS DIAGONAL CUTTERS ESD Electrically discharging version - dissipative. Two-color dual component handles black/gray 77 02 115 ESD Mirror Polished 16 0.6 115 82 06R6299 56.96 77 12 115 ESD Mirror Polished 16 06 115 80 06R6300 67 17 77 32 115 ESD Mirror Polished 1.3 0.5 115 79 06R6303 61.61

(147399

77 42 115 ESD 77 52 115 ESD

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1.3

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Mirror Polished

Mirror Polished

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0.5

115

115

78 06R6305

80

06R6307

65 92

69.62

Semi-Flush Cutter

Flush

Flush

Mfg. Part No.

32704

32706

32708

32710

32711

32712

32714

32721

32724

32728

32732

► CONTINUED ►

Full Flush Cutter

Stock No

92C2632

8902987

89C2988

89C2989

89C2990

89C2991

89C2992

89C2996

89C2998

89C3000

89C3001

Oblique Front Cutters, Very Small Head, 40° - Flush

Flush Cutter

Description

Side Cutters, Small Tapered Head With Hollow Grinded Back

Side Cutters, Wide Tapered Head with Wire Trapping Device -

Side Cutters, Wide Oval Head With Wire Trapping Device - Flush

Side Cutters, Wide Tapered Head - Bevel

Side Cutters, Wide Tapered Head - Flush

Side Cutters, Slim Oval Head - Flush

Side Cutters Slim Oval Head - Full Flush

Oblique Angled Cutters, 29° - Full Flush

End Cutters, Extra Slim - Flush

Side Cutters, Wide Tapered Head - Full Flush



Price Each

1-9

60.05

58.44

58.56

64.42

61.52

58.56

65 20

60.05

73.25

64.42

65 93

8

Find Datasheets Online

## CUTTERS – WIRE • DISPENSING EQUIPMENT

#### ESD SAFE CUTTERS (CONT.)

			Price Each
Mfg. Part No.	Description	Stock No.	1-9
32742	Ripping and Bending Pliers, Short Snipe Nose (Chain Nose) Pliers Straight, Serrated Jaws	<u>89C3003</u>	52.73
32746	Ripping and Bending Pliers, Long Needle Nose Pliers, Straight, Serrated Jaws	89C3005	60.05
32748	Ripping and Bending Pliers, Needle Nose Pliers, Bent 45°, Serrated Jaws	<u>89C3006</u>	60.05
32750	Ripping and Bending Pliers, Short Round Nose Pliers, Smooth Jaws	89C3007	52.73
32752	Ripping and Bending Pliers, Short Flat Nose Pliers Smooth Jaws	89C3008	52.73
(73116)			

#### HARD WIRE CUTTERS



Mfg. part nos. 134CG are made from hardened steel and are ideal for cutting spring or hardened wire. Shear cutting action for square cuts. Patented hold-down mechanism captures wire on both sides of the cut. Cuts up to 0.062" music wire and 1/16" stranded wire.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
134CG	Hard Wire Cutters	66F7823	49.23
(5756)			

#### **DISPENSING SYRINGES AND ADAPTERS**

## AIR-OPERATED LUER LOK™ TIP SYRINGES

AIK-UPERATED LUER LUK™ IIP STRINGES — UNASSEMBLED, NON-CALIBRATED Industrial syringes with Luer Lok ™ fip is ideal for micro-air dispensing. Works with Kalnetics <sup>®</sup> Shot Meter dispensers; ordered separately; go online or call. These unassembled, non-calibrated syringes include barrel and plastic stopper.



	Syringe		Pkg.	Price per Pkg.		
Mfg. Part No.	Size (cc)	Stock No.	of	1-4		
A10LLPS	10	17C6567	15	11.75		
A30LLPS	10	12.29				
MANUAL LUER LOK™ TIP : This manual, unassembled syn						
Mfg. Part No.	Mfg. Part No. Syringe Pkg. Price per Pkg. Size (cc) Stock No. of Price per Pkg.					
M5LL	5	17C6596	20	12.06		

MANUAL LUER LOK™ TIP SYRINGES – ASSEMBLED, CALIBRATED This manual, assembled syringe includes graduated barrel, rubber stopper, plunger rod and tip cap.

Mfg. Part No.	Syringe Size (cc)	Stock No.	Pkg. of	Price per Pkg. 1-4		
M10LLASSM	10	30M2687	15	10.53		
NIVERSAL SYRINGE ADAPTER ASSEMBLIES						

8

UNIVERSAL SYMINGE ADAPTER ASSEMBLIES Plugs directly into any Kahnetics Shot Meter dispenser; ordered separately. Compatible with Luer Lok ™ tip air-operated syringes ordered separately above. Works with all manufacturer's syringes. Features 360° swivel head for ease of motion. Adapters come with either metal or lightweight plastic grippers. Metal versions fit many odd size syringes best. Use with single component, two-part, self-leveling, and non-self-leveling materials. Produces repeatable shots of material and requires minimal clean-up. Syringe adapter assembly comes complete with syringe adapter head, of the tit lice and fitting. 6-ft. air line and fitting.

	Fits Syringe			Price Each
Mfg. Part No.	Size (cc)	Gripper	Stock No.	1-4
KDS810S-6	10	Metal	95B6164	33.00
KDS510S-6	10	Plastic	95B6155	26.21
KDS830S-6	30	Metal	95B6167	33.00
KDS530S-6	30	Plastic	95B6157	25.14
(48979)				

#### DISPENSING NEEDLES

- Blunt tipColor-coded plastic threaded hub
- Disposable and nonsterile



Stainless steel, antistatic, opaque dispensing needles lock onto Luer Lok™ style syringes; ordered separately. Sold in packages of 50. Additional package quantities are available; go online or call Newark.

		Needle			Hub		Price per Pkg.
Mfg. Part No.	Gauge	Length	I.D.	0.D.	Color	Stock No.	1-4
KDS1412P	14	1/2″	0.067″	0.083″	Dark Green	33C3807	13.37
KDS141P	14	1″	0.067″	0.083″	Dark Green	17C7303	13.45
KDS1512P	15	1/2″	0.060″	0.072″	Orange	25C3726	13.45
KDS151P	15	1″	0.060″	0.072″′	Orange	17C7304	13.45
KDS1612P	16	1/2″	0.053″	0.064″	Purple	33C3814	13.45
KDS161P	16	1″	0.053″	0.064″	Purple	17C7305	13.45
KDS16112P	16	11/2″	0.053″	0.064"	Purple	33C3813	12.81
KDS1812P	18	1/2″	0.038″	0.050″	Pink	33C3819	7.95
KDS181P	18	1″	0.038″	0.050″	Pink	17C7308	7.95
KDS1912P	19	1/2″	0.032″	0.042"	Brown	33C3823	7.49
KDS2012P	20	1/2″	0.026″	0.035″	Yellow	33C3828	7.95
KDS201P	20	1″	0.026″	0.035″	Yellow	17C7311	7.95
KDS2112P	21	1/2″	0.023″	0.032″	Green	33C3832	7.95
KDS2212P	22	1/2″	0.019″	0.028″	Black	33C3835	7.58
KDS221P	22	1″	0.019″	0.028″	Black	17C7313	7.49
KDS2312P	23	1/2″	0.017″	0.025″	Light Blue	33C3838	8.82
KDS2512P	25	1/2″	0.012″	0.020″	Blue	33C3842	8.82
KDS3012P	30	1/2″	0.006″	0.012″	Lavender	33C3848	13.99

#### PLASTIC TAPER TIP NEEDLES

- · Polvethylene taper tip Luer
- Lok Overall length of 11/2"
- Prevents surface scratches
- · Tapered feature helps alleviate dripping problems
- · Additional package quantities available; go

online or call

	Nominal		Pkg.		Price per Pkg.
Gauge	I.D.	Color	Qty.	Stock No.	1-4
14	0.063″	Salmon	50	33C3805	18.38
16	0.048″	Grey	50	33C3812	17.50
18	0.034″	Green	50	33C3816	20.35
20	0.024″	Pink	50	33C3824	18.38
22	0.017″	Blue	50	33C3833	18.38
	14 16 18 20	Gauge         I.D.           14         0.063"           16         0.048"           18         0.034"           20         0.024"	Gauge         I.D.         Color           14         0.063"         Salmon           16         0.048"         Grey           18         0.034"         Green           20         0.024"         Pink	Gauge         I.D.         Color         Qty.           14         0.063"         Salmon         50           16         0.048"         Grey         50           18         0.034"         Green         50           20         0.024"         Pink         50	Gauge         I.D.         Color         Qty.         Stock No.           14         0.063"         Salmon         50         33C3805           16         0.048"         Grey         50         33C3812           18         0.034"         Green         50         33C3816           20         0.024"         Pink         50         33C3824

#### **KDS806 SERIES FOOT VALVE DISPENSERS**

( ( RAINETICS

Easy to set-up and operate. Sits on the floor, so no table space is needed. Foot actuated for excellent ergonomics. Works on compressed air input only — no electricity required. 0 - 100 psi regulator and gauge. **Mig. part no. KDSSOO**: Includes drip-free vacuum. Size: 3.75W x 7.25D x 3.75<sup>r</sup>H. Order syringes, syringe adapters and other accessories separately; on this page.



			Price Each
Mfg. Part No.	Description	Stock No.	1-4
KDS806	Foot Valve Dispenser	95B6162	293.74
KDS806V	Foot Valve Dispenser with Vacuum	31H9749	409.97



( (MAINETICS

#### SYRINGE BARREL ASSEMBLY KITS AND END CAPS

SYRINGE BARREL ASSEMBLY KITS

Mfg. Part No.

903-NW

905-NW

910-NW

930-NW

955-NW

• 903-EC

• 905-EC

• 910-EC

DISPENSING TIPS

Mfg. Part No

925125-DHUV

927125-DHUV

920125-DHUV Pink

PLCC EXTRACTOR TOOL

Mfg. Part No.

**FUSE PULLERS** 

(116821

D00038

Hub

Color

Red

Clear

· For removing PLCC type devices from their sockets Prevents damage to the IC packaging and socket Easy to use, simply squeeze the tool handle to extract Length: 98mm

34-016

Gauge

20

25

27

93055-EC

END CAPS

TAPER





Size (cc)

10

30

55

Polyethylene end caps prevent wasteful leaks. Color: red. Sold in packages of 50.

3

5

10

30/55

I.D.

In. (mm)

0.010 (0.254)

0.008 (0.203)

Description

PLCC Extractor Tool

0.024 (0.610) 1.25 (31.75)



Stock No

39M4558

39M4562

39M4566

78M7428

39M4582

39M4557

39M4561

39M4565

39M457

Length

In. (mm)

1.25 (31.75)

1.25 (31.75)

RoHS

Computer Available

Compliant

Stock No

<u>39M4572</u>

39M4574

Stock No

23M5825

M4577

DURATOOL



Price per Pkg.

1057.16

1216.00

30.15

44.40

67.66

16.39

1035.88

1043.48

21.15

Each

18 24

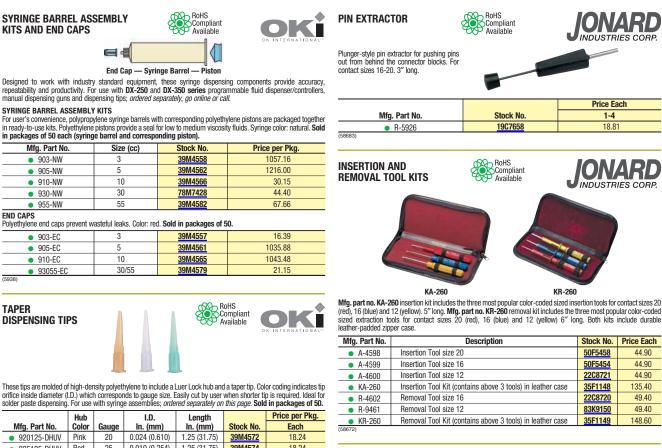
18.24

23.72

Price Each

1-99

## **DISPENSING EQUIPMENT • EXTRACTION TOOLS**



LAMP EXTRACTOR

RoHS Compliant Available



Mechanical extractor used to remove or insert miniature lamps with bayonet style bases in panels and switchboards by firmly and gently grasping lamps. Grasp lever includes a return spring for fast lamp insertion and removal. Lamp grasp is limited b %<sup>1</sup>/6" to prevent shorts. Handle diameter: ½". 4" long.

	Price Each		
Mfg. Part No.	Stock No.	1-4	
S-339	84F877	45.48	
58574)			

TECHNOLOGY



KNIPEX

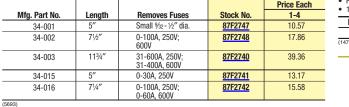
**INSERTION TOOL FOR LSA-PLUS** AND IDENTICAL



- Tool for putting on boards, sockets and fields Pushing down and cutting in one operation
- For UTP and STP cables, conductor 0.4 0.8 mm dia
- With integrated pulling hook and release blade

Plastic body

Mfg Dort No	Mfg. Part No. Description Stock No. Price Each					
IVILY. FALL INU.	Description	SLUCK INU.	FILE EAUL			
97 40 10	Insertion Tool For LSA-Plus and Identical	06R6328	72.32			
(147262)						



Mfg. part nos. 34-001, 34-002, 34-003 fuse pullers for cartridge-type fuses. Fully insulated, reinforced, high-dielectric regineering plastic. No-slip grip, marked amp range, moisture resistant. **Mfg. part nos. 34-015** and **34-016** molded of high-impact nylon with no-slip grip and finger stops.

34-003



Indicates RoHS Compliant

Find Datasheets Online

## **EXTRACTION TOOLS • HAND TOOLS**

**INSERTION/EXTRACTION KIT** 

- Includes DIP IC Extractors and Inserters to Accomodate All IC's From

(see table below).

- 8- to 40-Pins
  Tools Engaging Conductive Surfaces are CMOS Safe
- Grounding Lugs Included Where Appropriate

Kit contents are available individually



10F7496

					Price Each	
Mfg. Part No.	Description		Stock No.		1-4	
WK-7	Insertion/Extraction Kit	Insertion/Extraction Kit		5	102.98	
CONTENTS OF WK-7 KIT	ITENTS OF WK-7 KIT					
				Pi	Price Each	
Mfg. Part No.	Function	S	tock No.	1-5	6-14	
EX-1	8-24 Pin Extractor	1	10F7547	2.92	2.91	
• EX-2	24-40 Pin Extractor	1	10F7494	28.09	27.00	
MOS-1416	14-16 Pin Inserter	1	10F7498	24.45	23.50	
MOS-2428	24-28 Pin Inserter	1	10F7497	24.45	23.50	

## **UNIVERSAL PLCC EXTRACTION TOOL**

MOS-40



36-40 Pin Inserter



28.09

27.00

- Extracts a Range of PLCC Sizes From 20-Pins Through 84-Pins Without Damage to The Chip
   Spring Loaded One-Hand Design Requires No Pulling, Squeeze
- Handles and Chip is Lifted from the Socket EX-5 has ESD Safe Handles for use on all Static Safe Components and Machined Stainless for Long Life EX-6 has ABS Handles and Stamped Steel

		EX-5		
			Price Each	
Mfg. Part No.	Description	Stock No.	1-4	
EX-5	ESD Safe PLCC Extration Tool	50F5444	26.01	
EX-6	PLCC Extration tool	92F2621	13.11	
(5929)				

#### **BALL-PEIN HAMMERS**

- Ground, black painted head •
- Polished poles and peins Quality, hickory handle
- Permabond<sup>®</sup> construction
- between head and handle

					Price Each
	Mfg. Part No.	Length	Head Weight	Stock No.	1-4
	11494	10.50″	4 oz.	84K0545	12.46
	11-496	11.25″	8 oz.	90F7216	13.95
	11-497	11.25″	12 oz.	90F7217	14.46
	11-498	12.75″	16 oz.	90F7218	14.94
1	(20232)				

#### MAGNETIC LEVEL

- · Torpedo level with magnetic slide
- •
- Ideal for the tool box Measures vertical, horizontal and 45° vials



Plumb



	TL10460			
	Price E			
Mfg. Part No.	Description	Stock No.	1-99	
TL10460	Magnetic Level, 9"	97M9410	1.46	



The **199 and 98 series** precision levels are made of seasoned cast iron and have a black wrinkle finish. The **199 series** Master level has a scraped reference surface for the highest degree of accuracy in a precision level. **98 series** features an involute groove running the length of the base, permitting better centering and greater capacity to handle larger rounds. **Mg. part no. 134** cross test level and plumb has two vials at right angles for cross test leveling without moving the tool and is cast iron with a satin nickle finish. **Mg. part no. 130** cross test level has a sensitive and accurate single vial. The body is made of cast iron with black wrinkle finish and accurately machined base leveling surface. **135 series** pocket level is made from hexagonal stock with convex ends and satin nickel-plated finish. PRECISION MACHINISTS' LEVELS

		Size		
Mfg. Part No.	Description	(In.)	Stock No.	Price Each
199Z	With Main Vial	15	85K4611	703.00
98-4	Without Cross Test Vial	4	85K7289	88.00
98-6	With Cross Test Vial	6	85K7290	104.00
98-8	With Cross Test Vial	8	85K7292	128.00
98-12	With Single Plumb Vial and Cross Test Vial	12	85K7286	181.00
98-18	With Double Plumb Vial and Cross Test Vial	18	85K7288	291.00
CROSS TEST LEVE	EL AND PLUMB			
134	With Cross Test Vials and Plumb Vial	2 x 3	85K4401	41.00
BENCH LEVEL				
130	With Main Vial	3-3/8	85K4391	30.00
POCKET LEVELS				
135A	With Main Vial	2-1/2	85K4402	23.00
135B	With Main Vial	3-1/2	31C9991	24.00
(88727)				

**CONTROL CABINET KEYS** 



00 11 07

and electricity and electricity Mfg, part no. 00 11 04 for for door and window handles or for air bleeding heaters With bit insert: slot 1.0 x 7 mm and cross recess PH 2 With adapter for  $1/4^{\prime\prime}$  bits on securing chain Additional bit adapter for  $1/4^{\prime\prime\prime}$  bits in one arm Zinc die-casting

PEN-STYLE-CONTROL CABINET KEYS Portable pen-style control cabinet key with fastening clip Three/four different key profiles can be utilized by swivelling the key holder

Interent voir dimeterin key profiles can be duitade by swiveling the key holder for control calinets and shut-off systems in the supply of gas, water and electricity Mfg. part no. 00 11 07 for control cabinets and shut-off systems in the supply of gas, water and electricity Mfg. part no. 00 11 08 multi-purpose key for building tradesman Universal 1/4\* bit adapter for standard bits (permanent magnet for retaining) Additional bit adapter for 1/4\* bits inside one key profile

With bit insert: cross recess PH 2 and possibility of safekeeping a second bit

Mfg. Part No.	Quadrilateral (mm)	Triangle (mm)	Double Bit (mm)	Overall Length (mm)	Wt. (g)	Stock No.	Price Each
00 11 02	5/6/8	9	9	44	65	06R6246	35.12
00 11 03	5/6/8	9	9	76	88	06R6247	35.60
00 11 04	5/7/8	9-10		90	86	06R6248	29.16
00 11 07	5/6/8	9	$9 \varnothing 5 \text{ mm (internal)} / $ $\varnothing 9 \text{ mm (external)}$	145	152	<u>06R6249</u>	45.05
00 11 08	5/8	9		145	142	06R6250	45.05
(147426)							





## HAND TOOLS • HEX KEYS & ALLEN WRENCHES

Fiberglass tapes are non-conductive making them Protegiass tapes are non-conductive making timem perfect for working on live circuits. Large, non-slip handle with fingertip grooves provide secure grip for added handling comfort and increases stability for better windling control. The oversized handle opening accommodates large, gloved hands. Textured case surface provides positive grip. Impact-resistant plastic case is provided.

Description

Stainless Steel Tape — 120'L x 1/8"W x 0.06"T

1111 BONDHUS

10637 Mfg. part no. 10637 13-piece inch set contains sizes: 0.050", ½6", ½4", ½2", ½4", ½", ½4", ½2", ½6", ½2", ½", ½%, ½%, %%. Bondhex® case. Mfg. part no. 10699 9-piece metric set contains sizes: 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm. Bondhex<sup>®</sup> case.

Description

13-Pc. Fractional Size Set

9-Pc, Metric Set

Blued Steel Tape — 60'L x 1%"W x 0.06"T

Blued Steel Tape - 240'L x 1/8"W x 0.06"T

Fiberglass Tape with Leader - 100'L

Fiberglass Tape with Leader — 200'l

**TUFF-GRIP™ FISH TAPES** 

Mfg. Part No.

31-066

31-055

31-057

31-061

31-064

**BALLDRIVER®** 

HEX TOOL SETS

Mfg. Part No

10637 (BSX13)

10699 (BSX9MM)





Stock No.

48F1328

90B0359

50B4253

99B9066

99B9069

Stock No

90F7788

90F7790

Price Each

1-4

108.56

64.36

97.92

241.42

368.26

DNDHUS

Price Each

1-9

70.69

55.71

**HEX KEY SETS** DURATOOL



9-PIECE FOLDING SAE HEX KEY SET

DURATOOL

**DURATOOL** 

Hex keys feature hardened and tempered steel with black oxide finish. Keys easily fold into carry handle for easy storage. Precision machined for exact fit. SAE set includes: 54", 32", 74", 16", 94", 52", 36", 72", 14". 8-PIECE FOLDINGSTAR/TORX HEX KEY SET

Metric: 0.7, 0.9, 1.3, 1.5, 2, 2.5, 3, 4, 4.5, 5, 5.5, 6, 7, 8, 10mm

Mfg. Part No.	Description	Stock No.	Price Each
22-8870	9-Piece Hex Key Set	69K8178	4.99
TL09910	8-Piece Star/Torx Folding Hex Key Set	99M1265	5.09
TL10416	30-Piece Hex Key Set	99M1259	6.03
TL10420	10-Piece SAE T-Handle Hex Set	99M1260	3.98
TL10421	10-Piece T-Handle Metric Hex Set	99M1261	7.50
(116775)			

#### **9 PIECE BALL ENDED** HEX KEY SETS

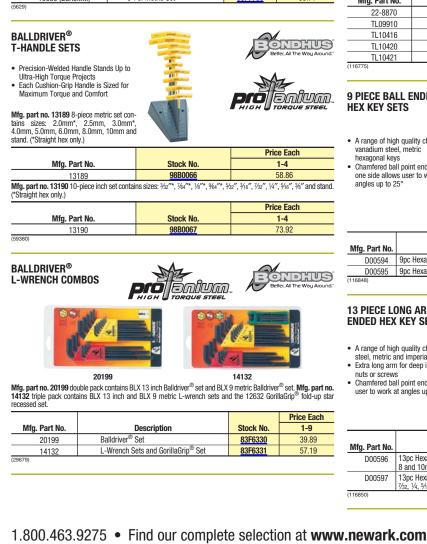
- A range of high quality chrome vanadium steel, metric
- hexagonal keys Chamfered ball point end on one side allows user to work at angles up to 25°

			Price Each			
Mfg. Part No.	Description	Stock No.	1-49			
D00594	9pc Hexagonal Key Set, 1.5, 2, 2.5, 3, 4, 5, 6, 8 and 19mm	74M0912	5.74			
D00595	9pc Hexagonal Key Set, 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16 and 3/8"	74M0913	5.59			
(116848)						

#### **13 PIECE LONG ARM BALL ENDED HEX KEY SETS**

- · A range of high quality chrome vanadium
- steel, metric and imperial hexagonal keys
- Extra long arm for deep insertions of hex nuts or screws
- · Chamfered ball point end on one side allows user to work at angles up to 25°

			Price Each
Mfg. Part No.	Description	Stock No.	1-49
	13pc Hexagonal Key Set, 1.27, 1.5, 2, 2.5, 3, 3.5, 4, 5, 5.5, 6, 7, 8 and 10mm	<u>74M0914</u>	6.51
D00597	13pc Hexagonal Key Set, ½, ¼6, 5⁄64, 3⁄32, 7⁄64, ½, 9⁄64, 5⁄32, 3⁄16, 7⁄32, ¼, 5⁄16 and 3⁄6″	<u>74M0915</u>	6.44





Indicates RoHS Compliant

## HEX KEYS & ALLEN WRENCHES • INSPECTION MIRRORS & MAGNIFIERS • MEASURING TAPES

#### VACO<sup>®</sup> HEX KEY SETS

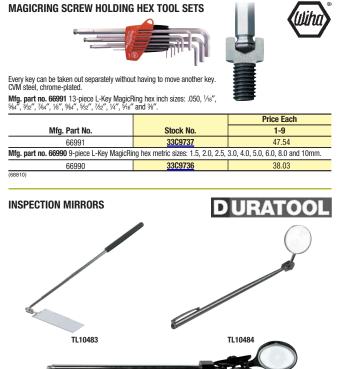
10-pc. T-handle hex key set. Sizes: 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8". Available with 6" or 9" blade. Complete with wallmount metal stand.



Mfg. Part No.	Description	Stock No.	Price Each			
70152	6" Blade Hex Key Set	81F9201	75.19			
70153	9" Blade Hex Key Set	90F5848	78.64			
Mfg. part no. BLK12. 12-pc. ball end hex key caddy set. Sizes: ½0", ½6", ¾4", ¾4", ¾4", ¾4", ¾4", ¾6", ⅔4", ¾6", ⅔4", ¾6", ⅔4", ⅔4", ⅔4", ⅔4", ⅔4", ⅔4", ⅔4", ⅔4						

10-pc. metric ball end hex key caddy set. Sizes: 1.27mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm

Mfg. Part No.	Description	Stock No.	Price Each
BLK12	12-Pc. Fractional Ball End Hex Key Set	81F1329	29.90
BLMK10	10-Pc. Metric Ball and Hex Key Set	81F1327	28.96
(5714)			



21-8500

Inspection mirror contains a chrome finish telescopic shaft, non slip cushion grip handle which, extends from 14" to 30", Mirror size: "x 4". **Mfg. part no. TL048** telescopic mirror contains a chrome finish telescopic shaft with pocket clip which can extend from 5" to 18½". Diameter: 1½". **Mfg. part no. 21-8500** adjustable telescopic mirror has double jointed head and pivots a full 360°. Includes a pocket clip and extends 24" to help see around tight spots. Diameter: 1½".

			Price Each
Mfg Part No.	Description	Stock No.	1-99
TL10483	Inspection Mirror, 2x4"	97M9417	1.40
TL10484	Telescopic Inspection Mirror	97M9418	1.06
21-8500	Telescopic Inspection Mirror	12M5187	3.99
(116727)			



555, 557, 558, 560

Mfg. part no. 555 1¼" diameter mirror. Plated holder. Knurled handle has ball-and-socket joints. 8"L. Mfg. part no. 557 2½" diameter mirror with telescoping 15" handle. Mfg. part no. 558 oval 1 x 2" mirror. 9"L. Mfg. part no. 560 oblong 3½ x 2" telescoping mirror. 11½"L; extends to 16".

565

Mfg. Part No.	Description	Stock No.	Price Each
555	1-1/4" Diameter Inspection Mirror	50F9084	10.61
557	2-1/2" Diameter Inspection Mirror	95B0366	19.95
558	Oval 1 x 2" Inspection Mirror	34F443	12.73
560	Oblong 3-1/2 x 2" Telescoping Inspection Mirror	87F1158	16.88
Mfg. part no. 572 h			
572	16" Hinged Inspection Mirror	96C7263	20.09

Mfg. part no. 565 oblong illuminated magnifier. 2 x 4" shatterproof 2.5 power lens. Includes 5-power bifocal insert, bulb, batteries. Mfg. part no. 531 2.5 power pocket magnifier folds into storage case.

AL725

87F1161 49.05 2 x 4" Oblong Illuminated Magnifier 565

#### POWER RETURN TAPE MEASURES



Lufkin<sup>®</sup> L725MAG

2000 series

Lightweight, high-strength cases designed to fit perfectly in the hand Fits easily into most tape holsters

Yellow clad blade with easy-to-read numerals Power retraction operation

• Cushioned blade return

Handy belt clip

#### 2000 SERIES — CHROME-FINISHED CASE

	Blade	Blade Size		Price Each
Mfg. Part No.	Style	WxL	Stock No.	1-4
2125	A5	1″ x 25′	50F803	17.93
2316	A2	¾″ x 16′	50F1828	15.29
2312	A2	<sup>3</sup> ⁄4″ x 12′	50F1827	12.34
/IEZURALL <sup>®</sup> — CHROME	-PLATED CAS	E		
W9212	A1	½″ x 12′	10B709	16.73
000 SERIES HI VIZ® — H	BRIGHT ORAN	GE CASE		•
HV1316	A2	¾″ x 16′	52F9061	11.34
HV1312	A2	3⁄4″ x 12′	52F9062	9.57
HV1010	A1	½″ x 10′	52F9063	6.10
00 SERIES AUTOLOCK -	- BRIGHT ORA	NGE CASE WITH BLA	CK NONSLIP GRIP	•
AL725	A5	1″ x 25′	73K7357	9.99
'00 SERIES MAGNETIC EI	ND HOOK — B	RIGHT ORANGE CASE	WITH BLACK NONS	LIP GRIP
L725MAG	A5	1″ x 25′	84K0508	11.69
5701)				



8



**DURATOOL** 

## **MEASURING TAPES • NUTDRIVERS**

#### **HIGH-VISIBILITY** TAPE MEASURES

High-visibility plastic housingThumb operated blade lock Thumb operated blade lock
Convenient belt clip and wrist strap D00007

	Length	Width	Case		Price Each
Mfg. Part No.	(ft/mm)	(mm)	Color	Stock No.	1-99
D00005	10/3	13	Yellow	94M6915	1.23
D00006	16/5	19	Orange	74M0792	1.60
D00007	26 / 8	25	Green	94M6916	3.29
(116645)					

#### NUTDRIVER SETS



127TB

Mg. part no. 127TB nutdriver set includes seven solid-shaft nutdrivers with color-coded plastic handles and case-hardened sockets. Sizes: '\$\u00e9', '\u00e9', '\$\u00e9', '\$\u00e9', '\$\u00e9', '\u00e9', '\u

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
127-TB	7-Pc. Solid-Shaft Nutdriver Set	34F366	41.68
PS-120	10-Pc. Nutdriver Set	34F336	45.19
(5807)			

#### FIXED HANDLE NUTDRIVERS

## **Xcelite<sup>®</sup>**

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**Xcelite**<sup>®</sup>



PS-120

FIXED HANDLE HOLLOW SHAFT NUTDRIVERS

Mfg. Part No.	Nut Size	Handle	Stock No.	Price Each
HS-6	3/16″	Black	34F318	6.58
HS-8	1/4″	Red	34F319	6.58
HS-10	5⁄16″	Amber	34F320	6.58
HS-11	11/32″	Green	34F321	6.98
HS-12	3/8″	Blue	34F322	6.97
HS-14	7/16″	Brown	34F323	9.02
HS-16	1/2″	Red	34F324	9.02

## **Huge Expanded Selection of Semiconductors**

Go online to find new technologies and proven solutions from world-class and specialist suppliers.



99PR

99-PS-50 **Mfg. part no. PS-130** 11-pc. compact convertible nutdriver and screwdriver set contains five color-coded plastic-handle nutdrivers, sizes: %6'', 1%', %6'', 1%2'' and %'', five color-coded plastic handle screwdrivers, sizes: #1 Phillips, #2 Phillips and %'', %6'', 1%'' slotted. Plus a black attachable torque amplifier handle. All packaged in a clear plastic, stand-up storage case.

		Price Each			
Mfg. Part No.	Stock No.	1-4			
PS-130	35F207	45.52			
Mfg. part no. 99PR 14-pc. Series 99 <sup>®</sup> multi-purpose nutdriver and screwdriver stat contains inter nutdriver shafts sizes: 3 <sup>6</sup> / <sub>6</sub> ", 7 <sup>6</sup> / <sub></sub>					
99PR	34F395	87.74			
Mfg. part no. 99-PS-50 13-pc. Series 99 <sup>®</sup> compact screwdriver and nutdriver set contains seven regular nutdriver shafts, sizes: %i <sup>°</sup> , 72c <sup>°</sup> , 14c <sup>°</sup> , %i <sup>°</sup> , 51c <sup>°</sup> , 14c <sup>°</sup> , %i <sup>°</sup> , two slotted screwdriver shafts, sizes: %i <sup>°</sup> , 14c <sup>°</sup> , 14c <sup>°</sup> , 14c <sup>°</sup> , %i <sup>°</sup> , 15c <sup>°</sup> , 14c <sup>°</sup> , %i <sup>°</sup> , 15c <sup>°</sup> , 14c					
99-PS-50	34F341	68.55			
(5740)					

#### SCREWDRIVER AND NUTDRIVER SETS



## **Xcelite**<sup>®</sup>



HS-6-18

PS-89

SOCKET TYPE SCREWDRIVER SETS Mfg. part nos. 99PS-40 standard and 99PS-40BP ballpoint 11-pc. Allen<sup>®</sup> hex socket sets contain one regular handle (99-1), one extension (99-K) and nine blades: 0.050", ½6", ¾64", ¾2", ½64", ¾64", ¾2", ¾64", ¾2", ¾6". All packaged in a clear plastic, stand-up storage case.

			Price Each		
Mfg. Part No.	Description	Stock No.	1-4		
99-PS-40	11-Pc. Standard Allen <sup>®</sup> Hex Socket Set	34F339	55.15		
99-PS-40BP	11-Pc. Ballpoint Allen <sup>®</sup> Hex Socket Set	35F208	83.12		
	Mfg. part no. PS-89 9-pc. screwdriver set for hex socket screws. Includes eight compact screwdrivers with red plastic				
handles in sizes: 0.028", 0.035", 0.050", 1/16", 5/4", 3/2", 7/4", 1/8" and one black, torque-amplifier handle. All packaged					
in a clear plastic, stand-	up storage case.				

		Price Each		
Mfg. Part No.	Stock No.	1-4		
PS-89	35F1432	33.12		
COLOR-CODED NUTDRIVER SETS Mfg. part no. HS-6-18 10-pc. hollow shaft nutdriver set. Hex openings: %6", 7½2", ½4", ½2", ½6", 1½2", ¾", 7%", ½ %6". Color-coded plastic handles. Packaged in a sturdy plastic storage case.				
		Price Each		
Mfg. Part No.	Stock No.	1-4		
HS-6-18	34F376	74.29		
Mfg. part no. 157 7-pc. solid-shaft nutdrive Sizes: %16", 1/4", 5/16", 11/32", %6", 7/16" and 1/2"				
157	46F2588	45.47		
Mfg. part no. LN-11 a complete 11-pc. set of LN series Allen® hex socket screwdrivers. Sizes: .050", ½6", ½6", ½2", ¼6", ½", ½", ¾6", ½2", ¾6", ½2" and ½". All packaged in a plastic-coated canvas roll-up case.				
LN-11	89F301	69.32		
(5806)				



崖 Find Datasheets Online

## PLIERS • PLIERS – SLIP JOINT • PLIERS – COMBINATION



· Custom US-made tool steel

Hot-riveted joint fo smooth action and no handle wobble
Plastic-dipped handles for comfort and ease of identification

 Plastic-dipped handles for comfort and ease of identification
 Mfg. part no. D201-7NE is a standard side-cutter with knurled jaws. Mfg. part no. D213-9NE is a high-leverage side-cutter with knurled jaws. Brows to provide 46% greater cutting and gripping power than other side-cutters. Mfg. part no. D245-5 is a standard diagonal cutter with tapered-nose. Mfg. part no. D248-8 is a high-leverage, diagonal cutter with an angled-head. Mfg. part nos. D321 and D322 have midget slim-noses where type D321 has knurled jaws. Mfg. part no. D324 has a long slim-nose with knurled jaws. Mfg. part no. D330 has a long slim-nose with knurled jaws. Mfg. part no. D338 has an extra-slim, 60° curve, long needle-nose. Mfg. part no. D320 has a 70° curved-nose with knurled jaws. Mfg. part no. D338 has a not slim\_soft long-nose side-cutter with slim. D316 has a long slim- D318 has a long needle-nose with knurled jaws. Mfg. part no. D326 has a 70° curved-nose with knurled jaws. Mfg. part no. D326 has a 70° curved-nose with knurled jaws. Mfg. part no. D326 has a 70° curved-nose with knurled jaws. Mfg. part no. D326 has a 70° curved-nose with knurled jaws. Mfg. part no. D326 has a 70° curved-nose with knurled jaws. Mfg. part no. D338 has a not glime of long-nose with slig cutters. Mfg. part no. D318 has a long needle-nose with knurled jaws. Mfg. part no. D326 has a 70° curved-nose with knurled jaws. Mfg. part no. D326 has a 70° curved-nose with knurled jaws. Mfg. part no. D326 has a 70° curved-nose with knurled jaws. Mfg. part no. D318 has a long needle-nose with knurled jaws. Mfg. part no. D326 has a 70° curved-nose with knurled jaws. Mfg. part no. D318 has a long needle-nose with knurled jaws. Mfg. part no. D318 has a long needle-nose with knurled jaws. Mfg. part no. D326 has a a needle-nose with knurled jaws and fatigue-reducing handles. handles

#### SIDE-CUTTING PLIERS

	Overall	Jaw	Handle		Price Each
Mfg. Part No.	Length (in.)	Length (in.)	Color	Stock No.	1-4
D201-7NE	71/16	1%2	Blue	17C1478	45.77
D213-9NE	93%	119/32	Blue	17C1479	43.43
DIAGONAL PLIERS					
D245-5	51/16	11/16	Red	07C1225	34.94
D248-8	81/16	13/16	Red	52F6447	35.46
LONG-NOSE PLIERS	•				
D321 4 1/2C*	4 <sup>13</sup> /16	11/16	Blue	34F095	27.98
D322 41/2C*	43/4	11/16	Blue	34F113	29.75
D203 5C*	5%16	11/2	Yellow	34F011	31.56
D338-5 1/2C*	51/2	11/2	Blue	36K2939	37.24
D221-5 1/2C*	55%	1 <sup>11</sup> /16	Yellow	36K2938	32.51
D318 5 1/2C*	5%	<b>1</b> <sup>11</sup> /16	Yellow	34F123	31.75
D307-5 1/2C*	55%	1 <sup>11</sup> /16	Yellow	34F025	29.75
D302 6	63/8	11/2	Yellow	34F016	39.82
D203-6	65/8	17/8	Yellow	92B6043	29.91
D203 6C*	65%	17/8	Yellow	34F012	32.16
D301 6C*	65/8	17⁄8	Yellow	34F009	28.71
D310 6C*	65%	11/8	Yellow	34F128	29.58
D315-8	73⁄4	1%16	Yellow	29C9113	33.10
*Spring-action handle					

(5719)

STAINLESS STEEL JUNIOR SEIZER



This 5" straight nose Junior Seizer has unusual holding qualities and 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 with Seizer forceps, smooth jaws and 3-position snap lock.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
32H	5" Straight Nose Junior Seizer	34F373	9.93
(5699)			

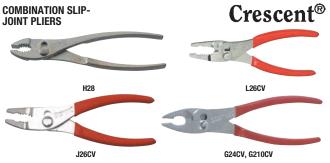


- Ergonomic co-molded, non-slip grips for added comfort and control Patented compound high-leverage design that increases cutting power
- by 50%
- Chrome vanadium alloy steel for superior strength and durability
- Heat-treated joint rivet for smooth and consistent operation Steel spring holds jaws comfortably open
- Induction hardened cutting edges for long life
- 1/3 lighter than standard pliers to help reduce fatigue Safety lock keeps pliers securely closed when not in use

Linesman

Pro series compound-action pliers offer a winning combination of increased power and unparalleled comfort for exceptional ease of use. Advanced compound-action design provides up to 50% more cutting or holding power with the same effort compared to standard pliers. Ergonomically designed grips are 30% wider than those on standard pliers, therdy spreading out the load of the grip against the fingers and palm for much improved comfort and added control. Cut capacity: 11 AWG.

Mfg. Part No.	Description	Stock No.	Price Each
PS5429C	9" Pro Series Diagonal Compound Action Pliers	18M9997	22.58
PS6549C	9" Pro Series Long Nose Compound Action Pliers	18M9998	22.58
PS20509C	9" Pro Series Linesman Compound Action Pliers	18M9996	22.58
(89565)			



· Sharp bias-cut gripping teeth bite in to hold better for more turning power

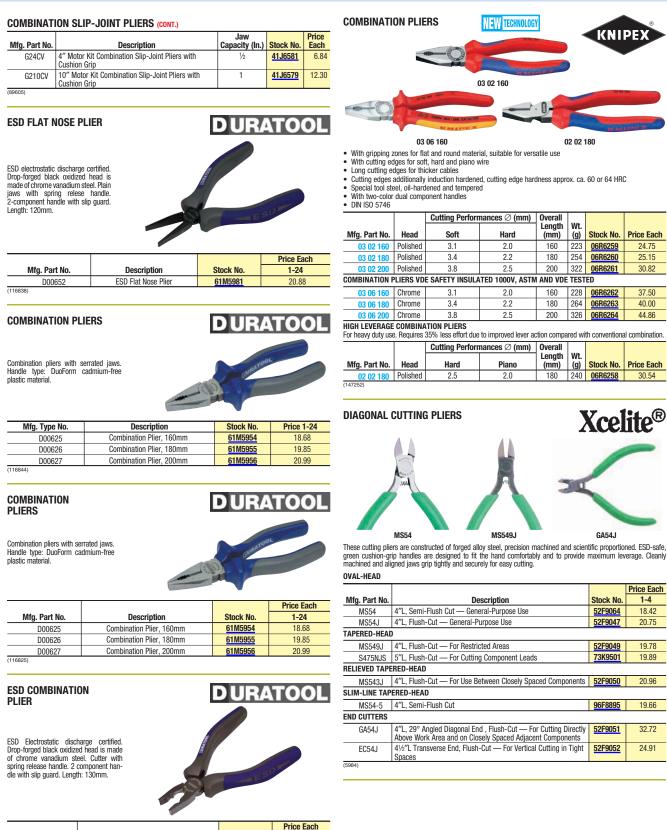
- Low-profile riveted joint maintains close tolerances for superior cutting and gripping
  Deeper wire cutter is repositioned close to joint reducing cutting effort
  Forged alloy steel, accurately machined and spring tempered for strength and durability with less weight Bright, polished nickel-chrome plating for improved corrosion resistance
   Knurled handles or non-slip cushion grips for added comfort and control

Refined and improved for maxium strength, durability and performance these combination slip-joint pliers are designed for gripping and turning round objects such as pipes, rods, pins. All feature 2-position curved-style nose except mfg. part no. L26CV which has 2-position thin straight nose and mfg. part no. J26CV thin bent nose for getting into confined, hard-to-reach places.

Mfg. Part No.	Description	Jaw Capacity (In.)	Stock No.	Price Each
H26CVSML	61/2" Combination Slip-Joint Pliers with Cushion Grip	1	41K1386	8.45
L26CV	6¾" Thin Straight Nose Combination Slip-Joint Pliers with Cushion Grip	1	<u>09B9584</u>	8.21
J26CV	6" Thin Bent Nose Combination Slip-Joint Pliers with Cushion Grip	1	09B9442	9.29
H28	8" Cee Tee Co. Combination Slip-Joint Pliers with Knurled Handles	1	<u>09B9406</u>	7.87



## PLIERS – COMBINATION • PLIERS – CUTTING



Stock No

61M5989

1-24

24 60

Description

ESD Combination Plier, 130mm

Mfg. Part No.

D00660



Find Datasheets Online

## PLIERS - ELECTRONIC • PLIERS - LOCKING • PLIERS - LONG NOSE

#### **ELECTRONIC PLIERS**



These small, lightweight pliers are designed for holding, bending and cutting fine wires in electronics, radio, TV, electrical and jewelry work. Green, ESD-safe cushion-grip handles provide comfort and maximum leverage. Feature coil spring and polished head.

#### THIN-LONG NOSE PLIERS — GENERAL-PURPOSE

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
LN54	5"L Pliers with Serrated Jaws	52F9053	20.56
LN54-G	5"L Pliers with Smooth Jaws	52F9054	21.05
LN775512	51/2"L Pliers with Serrated Jaws	96F8883	23.94
LN55	51/2"L Pliers with Fine-Serrated Jaws	83F3362	20.81
LONG-NOSE, SI	DE-CUTTING PLIERS — FOR GENERAL WIRE APPLICATIONS		
SN55	51/2"L Pliers with Serrated Jaws	52F9055	23.45
WIRE PLIERS —	FOR CUTTING AND FORMING WIRE		
TC55	51/2" L Pliers with Tip Cutter	96F8886	27.06
CURVED LONG-	NOSE PLIERS — FOR CONFINED AREAS		
CN54-G	5"L Pliers Curved 60° with Smooth Jaws	52F9039	23.47
CN55-G	51/2"L Pliers Curved 45° with Smooth Jaws	52F9040	27.88
CN25-5	5"L Pliers with Curved Thin Tip	96F8879	25.84
ROUND-NOSE P	LIERS — FOR LOOPING AND FORMING FINE WIRE		
RN54	41/2"L Pliers with Round, Smooth Jaws that Tapered to Point	96F8892	22.42
NEEDLE NOSE P	LIERS — FOR FINE WIRE		
NN54	5"L Pliers with Serrated Jaws	09B9716	24.58
NN54G	5"L Pliers with Smooth Jaws	96F8884	24.74
NN7776	6"L Pliers with Serrated Jaws	96F8889	23.29
L4	4"L Miniature Pliers with Serrated Jaws	96F8887	18.47
L4G	4"L Subminiature Pliers with Smooth Jaws	09B9592	21.25
(5985)			

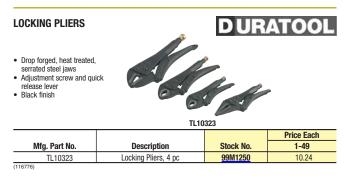
#### THIN-PROFILE, LONG-REACH ELECTRONIC PLIERS

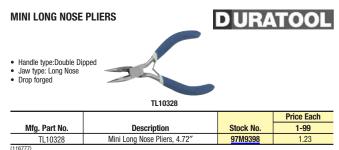
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Long nose, 5.5" electronic pliers, available with smooth or serrated jaw, are ideal for access into tight spaces. Lightweight for maximum comfort. Perfect for use in precision electronic assembly applications. Molded red grips for comfort. ESD-safe versions feature static-dissipative molded black grips.



			Price Each
Mfg. Part No.	Description	Stock No.	1-4
378SMM	Smooth Jaw, Red Grips	50F4005	13.09
378SMD	Smooth Jaw, ESD-Safe Black Grips	96F8901	14.35
378M	Serrated Jaw, Red Grips	96F8903	13.09
378D	Serrated Jaw, ESD-Safe Black Grips	96F8904	14.33
(5991)			





SNIPE NOSE PLIER



Chrome-vanadium steel Snipe Nose Pliers have plain jaws and PVC handles. Length:130mm. Bent Nose are at 30° angle.

			Price Each
Mfg. Part No.	Description	Stock No.	1-24
D00645	Straight Snipe Nose Pliers	61M5974	17.04
D00650	Angled Snipe Nose Pliers	61M5979	19.21
(116833)			

#### **SNIPE NOSE PLIERS**

- 2-component handle with slip guard Serrated grip with cutter
- Shock proof handle
- Drop forged, heat treated fully polished steel Available in two sizes: 160mm or 200mm



DURATOOL

			Price Each
Mfg. Part No.	Description	Stock No.	1-24
D00618	Snipe Nose Pliers, Length: 160 mm	61M5947	17.76
D00619	Snipe Nose Pliers, Length: 200 mm	61M5948	19.85
(116839)			

#### BENT SNIPE NOSE PLIERS

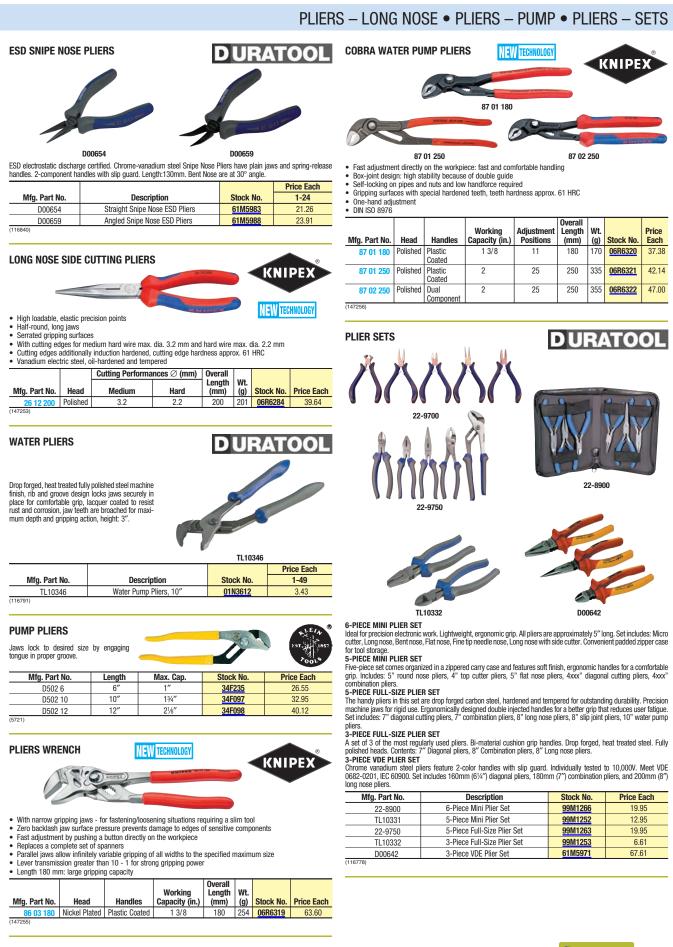
- 2-component handle with slip guard
  Serrated grip with cutter Shock proof handle
- Drop forged, heat treated fully polished steel
  Bent to 40°
- Available in two sizes: 160mm or 200mm

			Price Each
Mfg. Part No.	Description	Stock No.	1-24
D00620	Bent Snipe Nose Pliers, Length 160 mm	61M5949	19.62
D00621	Bent Snipe Nose Pliers, Length: 200 mm	61M5950	21.90
(116842)			



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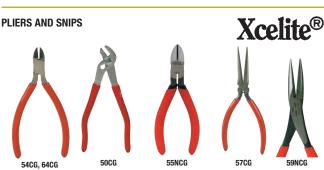
## PLIERS - SETS • PROBES • PUNCHES

<b>3-PIECE PLIER SET</b>		DUR	ATOOL	NYLON SOLDERI	NG PROBER	ME
Shock-proof 2-component han slip guards. Drop-forged hea fully polished heads. Kit conte Nose 200mm, Diagonal Cutter Combination Plier 180mm.	at-treated nts:Snipe			construction won't mar de wires or components. Fla	MENDA n makes this soldering probe tool ideal for use in E elicate surfaces. Temperature-resistant to withsta t"screwdriver" end for spudging wire leads down probe for holding objects for soldering. Length: 6 Description Nylon Soldering Prober, 6" long	ind melting. Notched f on PC boards. Pointe
Mfg. Part No.	Description	Stock No.	Price Each 1-24	4-PC. STAINLES	S STEEL PROBE TOOL KIT	ME
D00631	3-Piece Plier Set	61M5960	59.90			
(116830)						and the second

#### 2-PIECE SHEAR AND PLIER KIT

**Xcelite<sup>®</sup>** 5.5" long-nose pliers with serrated jaws and 5" flush-cutting shears have easy-grip, molded red handles. Cutting shears are made from carbon steel and are designed to cut soft wire up to 20 AWG with less effort. Includes one mfg. part no.

170W shear and one mig. part no. 378W pher.						
Mfg. Part No.	Stock No.	Price Each				
C 2 K	83F4093	20.13				



For extra working comfort, these professional tools have permanent, red plastic-coated cushion grip handles designed to fit the hand comfortably and to provide maximum leverage

(3327

PLIERS
These pliers are constructed of forged alloy steel that is precision machined and scientific proportioned. Cleanly
machined and aligned jaws grip tightly and surely for easy cutting.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
54CG	4" Diagonal Pliers — Standard Beveled Edges	35F219	23.17
64CG	4" Side-Cutting Diagonal Pliers — Semi-Flush Cut	35F238	29.36
50CG	5" Slip-Joint Ignition Pliers — 3-Jaw Opening Adjust ½"	35F231	20.05
55NCG	5" All-Purpose Side-Cutting Diagonal Pliers — Standard Beveled Edges	<u>73K9935</u>	22.99
57CG	5 <sup>11</sup> / <sub>16</sub> "L Standard Pliers — Fine-Serrated Jaws	35F230	26.57
59NCG	8" Electrician's Chain-Nose Pliers — Serrated 1½"L Jaw Offers Long Reach	<u>73K9948</u>	31.05
(5697)			

PROBE SET

8



Scalpel-sharp for fine probing. Useful for cold solder probing, hand inspection, micro-positioning, and lead adjusting.

		Price Each
Mfg. Part No.	Stock No.	1-4
SPC4793	50N045	32.01

	0104130	
(32975)		

## INDA

. Tough glass-filled nylon ed for hooking and pulling nted end for forming wire

Mfg. Part No.	Description	Stock No.	Price Each	
35622	Nylon Soldering Prober, 6" long	90H0265	1.85	
32426)				



Price Each

14 21

Kit contains:  $5^{1/4''}$  long straight needle point probe,  $5^{1/4''}$  long hook needle point probe,  $5^{1/4''}$  long angle needle point probe and durable light blue viny storage pouch. Non-magnetic, conductive 2000 series stainless steel construction for minimal charge generation, won't corode. Semi-hardened points may be reshaped for special applications. Ergonomically designed  $\frac{5}{26''}$  (4mm) hex-shape handle allows for a better grip and prevents rolling. Any charge is grounded when placed on ESD protected work surface. Made in U.S.A. COMPLETE KIT Mfg. Part No. Description Stock No. A-Pc Stainless Steel Probe Tool Kit 96H7144 05000

33030		00111111	11.21
INDIVIDUAL PROBES			
35123	Hook	50M6760	2.38
35623	Curved	50M6787	2.38
35122	Straight	81H6482	2.36
35617	Angle	83H2014	2.55
(82427)			



			FILLE Eduli
Mfg. Part No.	Description	Stock No.	1-99
TL10335	Leather Hole Punch	01N3611	1.96
(116736)			

**AUTOMATIC CENTER PUNCHES** 



		and some of the local division of the local	
	79	87	
Mfg. part no. 79 auto	matic center punch. Threaded steel point and shaft. Adju	stable tension.	
Mfg. Part No.	Description	Stock No.	Price Each
79	Automatic Center Punch	34F565	37.98
79P	Replacement Point for mfg. part no. 79	34F566	5.51
Mfg. part no. 87 pocke markings.	et automatic center punch. Pencil-thin aluminum body. Allo	y steel point. Adju	sts for light or heavy
87	Pocket Automatic Center Punch	50F9074	22.68
(5587)			



## **Current Order Status & History**

Check the status of your current order or access past orders from our website under MY ACCOUNT eSuite. Log in or register today.



Go online or call for non-compliant or Kork RoHS compliant products. See page 3

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TANDARD RO	חאוות	-				"D" PUNCHES				
JNCH SET		1 Sint	1	<b>G</b>	A Textron Company	D TONONEO		•	G GR	REENLE
s up to 10-gauge	mild steel alur	ni.	The second s	100		Dimensions: mfg. part no. 6	0077 is 0.500" x .0469", mfg.	part no. 60080 is 0.6	25″ x 0.594″.	
n, fiberglass, and	plastic. Use w	ith 🚬			MADE	Mfg. Part No.	Description	Stock No.	Р	rice Each
nual, ratchet, or ludes ½" - ¼" con			Conten	20	USA	60077	1/2‴ D	70B4198		258.51
nd punches, dies, 2			-	7/		(36171)				
ged plastic case.									•	
Mfg. P	Part No.	9	Stock No.		Price Each	SLUG-BUSTER <sup>®</sup> PU	NCH SETS		G GR	REENLE
1	9973		<u>48F2184</u>		230.33				A Textro	on Company
					GREENLEE. A Textron Company (Cinch, ITT Cannon DB-25P	-				
DB-25S or equiva	alent). Manual o	hydraulic operation	n. 22-16 gaug	e mild steel and 0	1.125" aluminum.				Down	
Mfg. Part N	No.	No. of Pins		Stock No.	Price Each				S	1
229 231		<u>9</u> 15		87F2607 87F2608	655.22 655.22					
231 RS-232	2	25		46F5197	655.22					
234		37		87F2609	707.34		7238SB		35BB mild steel. Dun	ahaa urif
238		50		87F2610	707.34	in plastic and fiberglass as we	n half so it falls freely without effe ell. Use with manual, ratchet or h	iydraulic drivers. Mfg.	part no. 7238S	B includes rational
3)						Mfg. Part No.	Conduit Size	Stock No		Price Each
						7211BB-1/2	0.50″	46F5186		45.15
DUSTRIAL				🛋 🙆	GREENLEE	7211BB-3/4 7235BB	0.75″	46F5187 89F2775		64.34 208.34
		le le		<b>-</b>	A Textron Company	7235BB 7238SB	0.50-2.0″	89F2777		413.39
up to 10-gauge m , fiberglass, and p	nild steel, alumi- plastic: Use with		and the second			(5679)				
ual, ratchet, or hy udes: 34" - 11/2" a	ydraulic drivers actual hole size	0	996							
ual, ratchet, or h ides: ¾" - 1½" a dard round punch s, and rugged stee	ydraulic drivers actual hole size les, dies, 3 draw el case.	9			Price Fach	SQUARE PUNCHES	holes in 10-gauge mild steel. Us	se with wrench or hyd	A Textro	
ual, ratchet, or hy ides: ¾" - 1½" a dard round punch s, and rugged stee Mfg. P	ydraulic drivers actual hole size ies, dies, 3 draw		Stock No. 48F2180		Price Each 377.10	Square punches cut precise h	Size	Stock No	A Textro	Price Each
ual, ratchet, or hy ides: ¾" - 1½" a dard round punch s, and rugged stee Mfg. P 3	ydraulic drivers actual hole size les, dies, 3 draw el case. Part No.					Square punches cut precise l Mfg. Part No. 60001	<b>Size</b> 0.500″ (12.70)	Stock No 33F779	A Textro	Price Each 258.51
ual, ratchet, or h ides: ¾" - 1½" á dard round punchu s, and rugged stea Mfg. P 3 73)	ydraulic drivers actual hole size les, dies, 3 draw el case. Part No. 39860					Square punches cut precise h	Size	Stock No	A Textro	Price Each
ual, ratchet, or hy udes: 34" - 11/2" a dard round punch is, and rugged stee Mfg. P	ydraulic drivers actual hole size es, dies, 3 draw el case. Part No. 39860 KOUT PUN( 17/sz" punch fo Punch round op	CHES				Square punches cut precise I Mfg. Part No. 60001 60016	<b>Size</b> 0.500″ (12.70)	Stock No 33F779	A Textro Iraulic driver.	Price Each 258.51
ual, ratchet, or h des: %" - 1½" d s, and rugged stee Mfg. P 3 3 UND KNOCK , part no. 60246. , part no. 730. P e mild steel. With Size Stoc	ydraulic drivers actual hole size ess, dies, 3 draw el case. Part No. 19860 COUT PUNC 1½z" punch for Punch round opp n manual drive c	CHES Crotrol units. enings in 10- raw studs. Price Each	48F2180	Stock No.	377.10  GREENLEE. A Texton Company  Price Each	Square punches cut precise I Mfg. Part No. 60001 60016 (6824) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal fo	Size 0.500" (12.70) 1.000" (25.40)	Stock No 33F779	A Textro Iraulic driver.	Price Each 258.51 356.09
ual, ratchet, or by des: %" - 1%" des: % and round punch s, and rugged stee Mfg. P 3 3 UND KNOCK und KNOCK part no. 60246. part no. 60246. part no. 730. P le mild steel. With Size Stoo %" 33F	ydraulic drivers actual hole size ess, dies, 3 draw ele case. Part No. 19860 COUT PUNC 1%z" punch for Punch round opn n manual drive co ck No. F760	control units. enings in 10- raw studs. Price Each 55.87	48F2180	Stock No. 93B1807	377.10  GREENLEE. A Texter Company  Price Each 90.94	Square punches cut precise I Mfg. Part No. 60001 60016 (6624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal fo panel punching. Step-saver an Greeniek knockout punches	Size O.500" (12.70) O.500" (25.40) I.000" (25.40) r fast, straight-on front dapter converts standard s through 1¼" conduit	Stock No 33F779	A Textro Iraulic driver.	Price Each 258.51 356.09
ual, ratchet, or bi           des: ¾" - 1½"           ater found punch           s, and rugged ster           Mfg. P           33           3)           UND KNOCK           part no. 60246.           part no. 730. P           e mild steel. With           size         Stoc           Stoc         33	ydraulic drivers actual hole size ess, dies, 3 draw el case. Part No. 19860 COUT PUNC 1½z" punch for Punch round opp n manual drive c	CHES Crotrol units. enings in 10- raw studs. Price Each	48F2180	Stock No.	377.10  GREENLEE. A Texton Company  Price Each	Square punches cut precise I Mfg. Part No. 60001 60016 (5624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal fo panel punching. Step-saver a Greeniee knockout punches sizes to use 7%" draw stud	r fast, straight-on front dapter converts standard s through 1/4" conduit for one-step punching. s, 2 adapters, 1 spacer,	Stock No 33F779	A Textro Iraulic driver.	Price Each 258.51 356.09
ial, ratchet, or by des: ¾" - 1½" : iad round punch- s, and rugged ster Mfg. P 3 3 UND KNOCK part no. 60246. part no. 60246. part no. 730. P emild steel. With size Stoo z" 331 is" 331 is" 331 /is" 508	ydraulic drivers actual hole size ess, dies, 3 draw el case. <b>Part No.</b> 19860 <b>COUT PUNC</b> 1½∞" punch for Punch round opp n manual drive c <b>Ck No.</b> <b>F760</b> <b>F754</b> <b>F761</b> <b>B3753</b>	CHES control units. anings in 10- raw studs. Price Each 55.87 52.18 53.76 53.76	48F2180 Size 1½″ 15%6″	Stock No. 93B1807 01C7376	377.10  GREENLEE. A Totron Company  Price Each 90.94 59.62	Square punches cut precise I Mfg. Part No. 60001 60016 (5624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal fo panel punching. Step-saver a Greeniee knockout punches sizes to use 7%" draw stud	r fast, straight-on front dapter converts standard s through 1/4" conduit for one-step punching. s, 2 adapters, 1 spacer,	Stock No 33F779	A Textro Iraulic driver.	Price Each 258.51 356.09
ial, ratchet, or by des: %/ " - 1%" iard round punchs, and rugged stee Mfg. P 	vjdraulic drivers           actual hole size           Part No.           19860           COUT PUNC           1½2" punch for           Punch round opon           n manual drive of           CK No.           F760           F754           F761           B33753           F6539	CHES CHES CHES CHES CHES CHES CHES CHES	48F2180 Size 11/4" 15%6" 13%" 11/2" 	Stock No. 9381807 01C7376 9187659 33F771 	377.10 GREENLEE. A texture Company Price Each 90.94 59.62 82.52 93.93 	Square punches cut precise I Mfg. Part No. 60001 60016 (5624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal for panel punching. Step-saver an Greeniee Knockout punches sizes to use X/s" draw stud	size 0.500" (12.70) 1.000" (25.40) r fast, straight-on front dapter converts standard s through 1¼" conduit for one-step punching, s, 2 adapters, 1 spacer, no.7806SB are straight right-angle drivers with	Stock No 33F779	A Textro Iraulic driver.	Price Each 258.51 356.09
iai, ratchet, or by des: %/ - 1% - 1% - 1% iard round punchs s, and rugged stee Mfg. P 	ydraulic drivers actual hole size ess, dies, 3 draw ele case. <b>Part No.</b> 19860 <b>COUT PUNC</b> 1%2" punch for Punch round op n manual drive of <b>Ck No.</b> <b>F760</b> <b>F754</b> <b>F761</b> <b>B3753</b> <b>F6539</b> <b>B8067</b>	CHES control units. enings in 10- raw studs. Price Each 55.87 52.18 53.76 53.78 53.78 51.30 53.78	48F2180 Size 11/4" 15%6" 15%6" 11/2"  11/2"	Stock No. 93B1807 01C7376 91B7659	377.10 GREENLEE. A Texton Company Price Each 90.94 59.62 82.52	Square punches cut precise I Mfg. Part No. 60001 60016 (5624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal fo panel punching. Step-saver a Greeniee Knockout punches sizes to use ½%" draw stud Includes driver, 3 draw stud: and rugged case. Mfg. part drivers. 790458/790658 are	size 0.500" (12.70) 1.000" (25.40) r fast, straight-on front dapter converts standard s through 1¼" conduit for one-step punching, s, 2 adapters, 1 spacer, no.7806SB are straight right-angle drivers with	Stock No 33F779	A Textro Iraulic driver.	Price Each 258.51 356.09
idal, ratchet, or bi des: %4" - 1½" idar dround punchs s, and rugged ster Mfg. P 3 3 UND KNOCK part no. 60246. part no. 60246. part no. 730. P emild steel. With Size Stor 2" 337 16" 337 16" 307 4" 906 4" 906 4" 906 7" 900     7"     70	ydraulic drivers actual hole size actual hole size es, dies, 3 draw el case. Part No. 19860 COUT PUNC 1½2″ punch for 2000 protection 2000 protection 20	CHES r control units. anings in 10- traw studs. Price Each 55.87 52.18 53.76 53.78 51.30 53.78 51.30 53.78 51.30 53.78 51.30 53.78 56.05 61.15	48F2180 Size 1¼" 1½" 1½"  1½"  2"	Stock No. 9381807 9187659 33F771  9687140  48F2186	377.10 GREENLEE. A texture Company Price Each 90.94 59.62 82.52 93.93 	Square punches cut precise I Mfg. Part No. 60001 60016 (5624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal fo panel punching. Step-saver a Greeniee Knockout punches sizes to use ½%" draw stud Includes driver, 3 draw stud: and rugged case. Mfg. part drivers. 790458/790658 are	size 0.500" (12.70) 1.000" (25.40) r fast, straight-on front dapter converts standard s through 1¼" conduit for one-step punching, s, 2 adapters, 1 spacer, no.7806SB are straight right-angle drivers with	Stock No 33F779 33F782	A Textro Iraulic driver.	Price Each 258.51 356.09
idal, ratchet, or bi des: ¾" - 1½" afdr found punchs s, and rugged stee Mfg. P 3 3 UND KNOCK part no. 60246. part no. 60246. part no. 730. P e mild steel. With <u>Size</u> Stoo <sup>4</sup> 337 fe" 337	ydraulic drivers actual hole size ess, dies, 3 draw ele case. <b>Part No.</b> 19860 <b>COUT PUNC</b> 1½2″ punch for Punch round opunch round round opunch round round opunch round round opunch <b>Ck No.</b> <b>F760</b> <b>Ck No.</b> <b>F760</b> <b>F754</b> <b>F761</b> <b>B3753</b> <b>F6539</b> <b>B8067</b> <b>B3754</b> <b>B3751</b> <b>B3751</b>	CHES CHES CHES CONTROL Units. anings in 10- raw studs. Price Each 55.87 52.18 53.76 53.78 53.78 51.30 53.78 51.30 53.78 56.05 61.15 59.62	48F2180 Size 1¼" 1¾" 1½"  1¾"  2" 2½"	Stock No. 9381807 01C7376 9187659 33F771  9687140  48F2186 94F6538	377.10 GREENLEE. A Texten Company Price Each 90.94 59.62 82.52 93.93  115.66  139.40 142.42	Square punches cut precise I Mfg. Part No. 60001 60016 (5624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal fo panel punching. Step-saver a Greeniee Knockout punches sizes to use ½%" draw stud Includes driver, 3 draw stud: and rugged case. Mfg. part drivers. 790458/790658 are	size 0.500" (12.70) 1.000" (25.40) r fast, straight-on front dapter converts standard s through 1¼" conduit for one-step punching, s, 2 adapters, 1 spacer, no.7806SB are straight right-angle drivers with	Stock No 33F779 33F782	A Textro Iraulic driver.	Price Each 258.51 356.09
idal, ratchet, or bi des: ¾" - 1½" afdr found punchs s, and rugged stee Mfg. P 3 3 UND KNOCK part no. 60246. part no. 60246. part no. 730. P e mild steel. With <u>Size</u> Stoo <sup>4</sup> 337 fe" 337	ydraulic drivers actual hole size actual hole size es, dies, 3 draw el case. Part No. 19860 COUT PUNC 1½2″ punch for 2000 protection 2000 protection 20	CHES r control units. anings in 10- traw studs. Price Each 55.87 52.18 53.76 53.78 51.30 53.78 51.30 53.78 51.30 53.78 51.30 53.78 56.05 61.15	48F2180 Size 11/4" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 2" 2' 2'/4"	Stock No. 9381807 01C7376 91B7659 33F771  96B7140  96B7140  94F6538 94F6538 92B7823	377.10  GREENLEE. A Texton Company  Price Each 90.94 59.62 82.52 93.93 115.66 139.40 142.42 160.13	Square punches cut precise I Mfg. Part No. 60001 60016 (6624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal fo panel punching. Step-saver an Greenie knockout punches sizes to use ½-6" draw stud and rugged case. Mfg. part I drivers. 790458/790658 are heads that rotate through 180 Mfg. Part No. 780658	Size           0.500" (12.70)           1.000" (25.40)           r fast, straight-on front dapter converts standard s through 1¼" conduit for one-step punching. s, 2 adapters, 1 spacer, no. 7806SB are straight right-angle drivers with 0 degrees.           Description           Straight Driver w/Punches	Stock No           33F779           33F782	A Textra Iraulic driver. F G G G G G G G G G G G G G	Price Each 258.51 356.09 REEENLE REEENLE Dir Campany
ual, ratchet, or h des: %" - 1%" des: %" - 1%" and round punch s, and rugged stee Mfg. P 3 3 UND KNOCK part no. 60246. part no. 60246. part no. 60246. part no. 730. P ie mild steel. With Size Stoo 2" 331 %" 331 %" 500 4" 901 %" 500 %" 500 %" 500 %" 500 %" 500 %" 500 %" 500	ydraulic drivers actual hole size ess, dies, 3 draw ele case. <b>Part No.</b> 19860 <b>COUT PUNC</b> 1%2" punch for Punch round op- n manual drive of <b>Ck No.</b> <b>F760</b> <b>F754</b> <b>F761</b> <b>B3753</b> <b>B3753</b> <b>B3754</b> <b>B22440</b> <b>B3751</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F6537</b> <b>F754</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b> <b>F755</b>	CHES CONTROL Units. enings in 10- raw studs. Price Each 55.87 52.18 53.76 53.78 51.30 53.78 53.62 61.15 59.62 62.80 	48F2180 Size 11/4" 15%6" 13%"  13%"  13%"  21%" 21%" 21%"	Stock No. 9381807 01C7376 91B7659 33F771  96B7140  96B7140  94F6538 94F6538 92B7823 93B7892	377.10 GREENLEE. A Texton Company Price Each 90.94 59.62 82.52 93.93  115.66  139.40 142.42 160.13 226.05	Square punches cut precise I Mfg. Part No. 60001 60001 (6624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal for panel punching. Step-saver an Greeniee knockout punches sizes to use ½6" draw stud Includes driver, 3 draw stud and rugged case. Mfg. part i drivers. 7904SB/7905SB are heads that rotate through 180 Mfg. Part No. 7806SB 7904SB/33794	Size           0.500" (12.70)           1.000" (25.40)           r fast, straight-on front dapter converts standard s through 11/4" conduit for one-step punching, s, 2 adapters, 1 spacer, no. 780658 are straight right-angle drivers with 0 degrees.           Description           Straight Driver w/Punches           Right-Angle Driver	Stock No 33F779 33F782	A Textra Iraulic driver. F C C C C C C C C C C C C C	Price Each 258.51 356.09 REEENLE REEENLE Price Eac 1210.98 955.73
idal, ratchet, or bi des: %/" - 1%" idar dround punchs s, and rugged ster Mfg. P 3 3 3 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 1 1 0 1 1 0 1 1 0 1	ydraulic drivers actual hole size ess, dies, 3 draw ele case. Part No. 19860 COUT PUNC 1%2" punch for Punch round op n manual drive of CK No. F760 F754 F761 B3753 B3754 B2440 B3754 B245 B245 B2754 B2757 B275	CHES CHES CHES CONTROL Units. anings in 10- raw studs. Price Each 55.87 52.18 53.76 53.78 53.78 51.30 53.78 51.30 53.78 56.05 61.15 59.62	48F2180 Size 11/4" 15%6" 13%"  13%"  13%"  21%" 21%" 21%"	Stock No. 9381807 01C7376 91B7659 33F771  96B7140  96B7140  94F6538 94F6538 92B7823	377.10  GREENLEE. A Texton Company  Price Each 90.94 59.62 82.52 93.93 115.66 139.40 142.42 160.13	Square punches cut precise I Mfg. Part No. 60001 60016 (6624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal fo panel punching. Step-saver an Greenie knockout punches sizes to use ½-6" draw stud and rugged case. Mfg. part I drivers. 790458/790658 are heads that rotate through 180 Mfg. Part No. 780658	Size           0.500" (12.70)           1.000" (25.40)           r fast, straight-on front dapter converts standard s through 1¼" conduit for one-step punching. s, 2 adapters, 1 spacer, no. 7806SB are straight right-angle drivers with 0 degrees.           Description           Straight Driver w/Punches	Stock No 33F779 33F782	A Textra Iraulic driver. F G G G G G G G G G G G G G	Price Each 258.51 356.09 REEENLE REEENLE Price Eac 1210.98 955.73
ual, ratchet, or hi           ual, ratchet, or hi           udes: 34" - 1½", dad ''           uder found punch           s, and rugged ster           Mfg. P           3           ''           yar           yart no. 60246.           part no. 730. P           pe mild steel. With           Size           Stor           '' <td>ydraulic drivers actual hole size ess, dies, 3 draw ele case. Part No. 39860 COUT PUNC 1%2" punch fo Punch round op n manual drive of ck No. F760 F754 F761 B3753 F6539 B8067 B3754 B37</td> <td>CHES control units. enings in 10- raw studs. Price Each 55.87 52.18 53.76 53.78 51.30 53.78 51.30 53.78 51.30 53.78 56.05 61.15 59.62 61.15 59.62 61.15 59.62 61.25 59.62 61.25 59.62 61.25 59.62 61.15 59.62 59.55 59.55 59.6</td> <td>48F2180 Size 11/4" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 12/6" 21/6</td> <td>Stock No. 9381807 01C7376 91B7659 335771  96B7140  94F6538 92B7823 93B7892 Stock No. 33F778</td> <td>377.10 GREENLEE. A Texton Company Price Each 90.94 59.62 82.52 93.93  115.66  139.40 142.42 160.13 226.05 Price Each</td> <td>Square punches cut precise I Mfg. Part No. 60001 60016 (5624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal fo panel punching. Step-saver an Greeniee knockout punches sizes to use %/e" draw stud Includes driver, 3 draw stud Includes</td> <td>Size           0.500" (12.70)           1.000" (25.40)           r fast, straight-on front dapter converts standard as through 11/4" conduit for one-step punching, s, 2 adapters, 1 spacer, no. 780658 are straight right-angle drivers with 0 degrees.           Description           Straight Driver w/Punches           Right-Angle Driver w/Punches</td> <td>Stock No 33F779 33F782 33F782</td> <td>A Tourn      Induitic driver.      A Tourn      Induitic driver.      A Tourn      Induitic driver.      A Tourn      Stock No.      98F1335      52F8910      48F2187       G G G G G G G G G G G G G G G G</td> <td>Price Each 258.51 356.09 REENLE REENLE 1210.98 955.73 1462.10</td>	ydraulic drivers actual hole size ess, dies, 3 draw ele case. Part No. 39860 COUT PUNC 1%2" punch fo Punch round op n manual drive of ck No. F760 F754 F761 B3753 F6539 B8067 B3754 B37	CHES control units. enings in 10- raw studs. Price Each 55.87 52.18 53.76 53.78 51.30 53.78 51.30 53.78 51.30 53.78 56.05 61.15 59.62 61.15 59.62 61.15 59.62 61.25 59.62 61.25 59.62 61.25 59.62 61.15 59.62 59.55 59.55 59.6	48F2180 Size 11/4" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 12/6" 21/6	Stock No. 9381807 01C7376 91B7659 335771  96B7140  94F6538 92B7823 93B7892 Stock No. 33F778	377.10 GREENLEE. A Texton Company Price Each 90.94 59.62 82.52 93.93  115.66  139.40 142.42 160.13 226.05 Price Each	Square punches cut precise I Mfg. Part No. 60001 60016 (5624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal fo panel punching. Step-saver an Greeniee knockout punches sizes to use %/e" draw stud Includes driver, 3 draw stud Includes	Size           0.500" (12.70)           1.000" (25.40)           r fast, straight-on front dapter converts standard as through 11/4" conduit for one-step punching, s, 2 adapters, 1 spacer, no. 780658 are straight right-angle drivers with 0 degrees.           Description           Straight Driver w/Punches           Right-Angle Driver w/Punches	Stock No 33F779 33F782 33F782	A Tourn      Induitic driver.      A Tourn      Induitic driver.      A Tourn      Induitic driver.      A Tourn      Stock No.      98F1335      52F8910      48F2187       G G G G G G G G G G G G G G G G	Price Each 258.51 356.09 REENLE REENLE 1210.98 955.73 1462.10
ual, ratchet, or h des: ¾" - 1½" des: ¾" - 1½" dard round punch s, and rugged ster Mfg. P 3 "3) UND KNOCK UND KNOCK part no. 60246. part no. 60246. part no. 730. P je mild steel. With Size Stoo ½" 337 ½" 337 ½" 347 ½" 947 ½" 947 ½" 900 ½" 901 ½" 901 ½" 901 ½" 901 ½" 901 ½" 901 ½" 904 ½" 904 3 %" 904 %" 904 (%"	ydraulic drivers actual hole size ess, dies, 3 draw ele case. Part No. 39860 COUT PUNC 1%2" punch fo Punch round op n manual drive of ck No. F760 F754 F761 B3753 F6539 B8067 B3754 B37	CHES control units. enings in 10- raw studs. Price Each 55.87 52.18 53.76 53.78 51.30 53.78 51.30 53.78 51.30 53.78 56.05 61.15 59.62 61.15 59.62 61.15 59.62 61.25 59.62 61.25 59.62 61.25 59.62 61.15 59.62 59.55 59.55 59.6	48F2180 Size 11/4" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 12/6" 21/6	Stock No. 9381807 01C7376 91B7659 335771  96B7140  94F6538 92B7823 93B7892 Stock No. 33F778	377.10 GREENLEE. A rector Company Price Each 90.94 59.62 82.52 93.93  115.66  139.40 142.42 160.13 226.05 Price Each 79.66	Square punches cut precise I Mfg. Part No. 60001 60016 (5624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal for panel punching. Step-saver an Greeniee knockout punches sizes to use Xie" draw stud Includes driver, 3 draw stud Include	Size         0.500" (12.70)         1.000" (25.40)         r fast, straight-on front dapter converts standard a through 11/4" conduit for one-step punching, s, 2 adapters, 1 spacer, no. 780658 are straight right-angle drivers with 0 degrees.         Description         Straight Driver w/Punches         Right-Angle Driver w/Punches         Right-Angle Driver w/Punches	Stock No 33F779 33F782 33F782	A Textra      Iraulic driver.      F	Price Each 258.51 356.09 REENLE REENLE 1210.98 955.73 1462.10
ual, ratchet, or h des: ¾" - 1½" des: ¾" - 1½" dard round punch s, and rugged ster Mfg. P 3 "3) UND KNOCK UND KNOCK part no. 60246. part no. 60246. part no. 730. P je mild steel. With Size Stoo ½" 337 ½" 337 ½" 347 ½" 947 ½" 947 ½" 900 ½" 901 ½" 901 ½" 901 ½" 901 ½" 901 ½" 901 ½" 904 ½" 904 3 %" 904 %" 904 (%"	ydraulic drivers actual hole size ess, dies, 3 draw ele case. Part No. 39860 COUT PUNC 1%2" punch fo Punch round op n manual drive of ck No. F760 F754 F761 B3753 F6539 B8067 B3754 B37	CHES control units. enings in 10- raw studs. Price Each 55.87 52.18 53.76 53.78 51.30 53.78 51.30 53.78 51.30 53.78 56.05 61.15 59.62 61.15 59.62 61.15 59.62 61.25 59.62 61.25 59.62 61.25 59.62 61.15 59.62 59.55 59.55 59.6	48F2180 Size 11/4" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 12/6" 21/6	Stock No. 9381807 01C7376 91B7659 335771  96B7140  94F6538 92B7823 93B7892 Stock No. 33F778	377.10 GREENLEE. A rector Company Price Each 90.94 59.62 82.52 93.93  115.66  139.40 142.42 160.13 226.05 Price Each 79.66	Square punches cut precise I Mfg. Part No. 60001 60016 (6824) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal fo panel punching. Step-saver an Greeniee knockout punches sizes to use %ie" draw stud Includes driver, 3 draw stud (seta) Mfg. Part No. 7806SB 7904SB/33794 7906SB (seta) CILTIGHT PUNCHES Punch holes for switches, par ratchet, or hydraulic drivers. Mfg. Part No. 60242	Size     0.500" (12.70)     1.000" (25.40)  r fast, straight-on front dapter converts standard is through 11/4" conduit for one-step punching, s, 2 adapters, 1 spacer, no, 7806SB are straight right-angle drivers with 0 degrees.  Description Straight Driver w/Punches Right-Angle Driver Right-Angle Driver Right-Angle Driver Right-Angle Driver w/Pun  shels, and instruments in enclose  Description With Notches	Stock No 33F779 33F782 33F782 33F782 33F782 1 33F782 7904SB 7904SB 7904SB 7904SB 5 3 and Dies ches and Dies ches and Dies ches and Dies	A Tearro      A Tearro	Price Each           258.51           356.09           REEENLE           In Company           Price Each           1210.98           955.73           1462.16           In Company
idal, ratchet, or bi ides: %" - 1%" ides: %" - 1%" ides: %" - 1%" ides: %" - 1%" ides: %" ides: %" id	ydraulic drivers actual hole size ess, dies, 3 draw ele case. Part No. 19860 COUT PUNC 17/sz" punch for Punch round op n manual drive of CK No. F760 F754 B3753 B3754 B2440 B3754 B2754 B2754 B2754 B3754 B2754 B2754 B3754 B2757 B27577 B27577 B27577 B27577 B27577 B27577 B27577	CHES Control units. enings in 10- raw studs. Price Each 55.87 52.18 53.76 53.76 53.78 53.78 53.78 53.78 53.78 53.78 54.05 61.15 59.62 62.80 Description Punch	48F2180 Size 11/4" 15%6" 15%6" 13%1"  13%4"  21%4" 21%4" 21%4" 21%4" 21%4" 21%4" 21%4" 21%4" 21%4"	Stock No. 9381807 0107376 9187659 335771  4852186 9486538 9287823 9387892 Stock No. 335778	377.10  GREENLEE. A Texton Company  Price Each 90.94 59.62 82.52 93.93 115.66 139.40 142.42 160.13 226.05  Price Each 79.66  CREENLEE. A Texton Company	Square punches cut precise I Mfg. Part No. 60001 60016 (5624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal for panel punching. Step-saver an Greeniee knockout punches sizes to use %/e" draw stud Includes driver, 3 draw stud Includes draw stud Includes driver, 3 draw stud Includes driver, 3 draw stud Includes driver, 3 draw stud Includes driver, 3 draw stud Includes draw stud Includes driver, 3 draw stu	Size     0.500" (12.70)     1.000" (25.40)  r fast, straight-on front dapter converts standard s through 11/4" conduit for one-step punching, s, 2 adapters, 1 spacer, no.70063B are straight right-angle drivers with 0 degrees.      Description  Bescription  Description	Stock No 33F779 33F782 33F782 33F782 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A Tearro      A Tearro	Price Each           258.51           356.09
iai, ratchet, or by des: %/" - 1%" iai, ratchet, or by des: %/" - 1%" iard round punchs, and rugged ster Mfg. P 3 3) UND KNOCK part no. 60246. part no. 60246. part no. 60246. part no. 730. P e mild steel. With iize Stor 2" 33F ie" 33F ie" 33F ie" 33F ie" 39F ie" 90F ie" 90F	ydraulic drivers actual hole size ess, dies, 3 draw ele case. Part No. 19860 COUT PUNC 1%2" punch fo Punch round op n manual drive of CK No. F760 F754 F761 B3753 B8067 B3754 B2440 B3751 F6539 B3754 B2440 B3751 F6539 B3754 B2440 B3751 F6539 B3754 B2440 B3751 F6537 F6539 B3754 B2440 B3751 F6537 F6537 F6537 F761 B3754 B2440 B3751 F765 B3754 B2440 B3751 F765 B3754 B2440 B3751 F765 B3754 B2440 B3751 F765 B3754 B2440 B3751 F765 B3754 B2440 B3751 F765 B3754 B2440 B3751 F765 B3754 B2440 B3751 F765 B3754 B2440 B3751 F765 B3754 B2440 B3751 F765 B3754 B3755 B37554 B37557 B37554 B37557 B37554 B37557 B37554 B37557 B37557 B37554 B37557 B375777 B37577777777777777777777777777777777777	CHES CHES CHES CHES CHES CHES CHES CHES	48F2180 Size 1¼" 1¼" 1½" 1½" 2¼" 2¼" 2¼" 2¼" 2¼" 5 1 1 1 1 1 1 1 1 1 1 1 1 1	Stock No. 9381807 9187659 33F771  946538 9476538 9476538 9476538 9287823 9387892 Stock No. 33F778	377.10 GREENLEE. A rector Company Price Each 90.94 59.62 82.52 93.93  115.66  139.40 142.42 160.13 226.05 Price Each 79.66	Square punches cut precise I Mfg. Part No. 60001 60016 (6824) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal fo panel punching. Step-saver an Greeniee knockout punches sizes to use %ie" draw stud Includes driver, 3 draw stud (seta) Mfg. Part No. 7806SB 7904SB/33794 7906SB (seta) CILTIGHT PUNCHES Punch holes for switches, par ratchet, or hydraulic drivers. Mfg. Part No. 60242	Size     0.500" (12.70)     1.000" (25.40)  r fast, straight-on front dapter converts standard is through 11/4" conduit for one-step punching, s, 2 adapters, 1 spacer, no, 7806SB are straight right-angle drivers with 0 degrees.  Description Straight Driver w/Punches Right-Angle Driver Right-Angle Driver Right-Angle Driver Right-Angle Driver w/Pun  shels, and instruments in enclose  Description With Notches	Stock No 33F779 33F782 33F782 33F782 33F782 1 33F782 7904SB 7904SB 7904SB 7904SB 5 3 and Dies ches and Dies ches and Dies ches and Dies	A Tearro      A Tearro	Price Each           258.51           356.09           REEENLE           In Contrastry           Price Each           1210.98           955.73           1462.16           In Contrastry           In Contrastry
ual, ratchet, or bi des: ¾" - 1½"           tard round punch s, and rugged ster           Mfg. P           33           UND KNOCK           part no. 60246.           yart no. 60246.           part or . 730. Pt           tare           Store           4"           90F           ½"           %"           90E           ½"           ½"           90F           ½"           90F           ½"           90F           ½"           90C           ½"           90F           ½"           90F           ½"           90F           ½"           90F           ½"           90F           ½"           90F           >>           >>           >>           >>           >>           >>	ydraulic drivers actual hole size ess, dies, 3 draw ele case. Part No. 19860 COUT PUNC 1%2" punch for Punch round op- n manual drive of CK No. F760 F754 F761 B3753 B3754 B2755 B37554 B37557 B37554 B37554 B37554 B37554 B37554 B37554 B37554 B37554 B37554 B37554 B37554 B37554 B37554 B37557 B37554 B37557 B37554 B37557 B37554 B37557 B37577 B37577 B37577 B37577 B37577 B37577 B375777 B375777 B37577777777777777777777777777777777777	CHES Control units. enings in 10- fraw studs. Price Each 55.87 52.18 53.76 53.78 53.78 51.30 53.78 51.30 53.78 50.05 61.15 59.62 62.80 	48F2180 Size 1¼" 1¼" 1½" 1½" 2¼" 2¼" 2¼" 2¼" 2¼" 5 1 1 1 1 1 1 1 1 1 1 1 1 1	Stock No. 9381807 0107376 9187659 33F771  9687140  48F2186 94F6538 9287823 9387892 Stock No. 33F778	377.10         GREENLEE.         A rector Company         90.94         59.62         82.52         93.93            115.66            139.40         142.42         160.13         226.05         Price Each         79.66	Square punches cut precise I Mfg. Part No. 60001 60016 (5624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal for panel punching. Step-saver an Greeniee knockout punches sizes to use %/e" draw stud Includes driver, 3 draw stud Includes draw stud Includes driver, 3 draw stud Includes driver, 3 draw stud Includes driver, 3 draw stud Includes driver, 3 draw stud Includes draw stud Includes driver, 3 draw stu	Size     0.500" (12.70)     1.000" (25.40)  r fast, straight-on front dapter converts standard is through 11/4" conduit for one-step punching, s, 2 adapters, 1 spacer, no, 7806SB are straight right-angle drivers with 0 degrees.  Description Straight Driver w/Punches Right-Angle Driver Right-Angle Driver Right-Angle Driver Right-Angle Driver w/Pun  shels, and instruments in enclose  Description With Notches	Stock No 33F779 33F782 33F782 33F782 33F782 1 33F782 7904SB 7904SB 7904SB 7904SB 5 3 and Dies ches and Dies ches and Dies ches and Dies	A Tearro      A Tearro	Price Each           258.51           356.09           REEENLE           In Company           Price Each           1210.98           955.73           1462.16           In Company
iai, ratchet, or by des: %/" - 1%" iai, ratchet, or by des: %/" - 1%" iard round punchs, and rugged ster Mfg. P 3 3) UND KNOCK part no. 60246. part no. 60246. part no. 60246. part no. 730. P e mild steel. With iize Stor 2" 33F ie" 33F ie" 33F ie" 33F ie" 39F ie" 90F ie" 90F	ydraulic drivers actual hole size ess, dies, 3 draw ele case. Part No. 19860 COUT PUNC 1%2" punch for Punch round op- n manual drive of CK No. F760 F754 F761 B3753 B3754 B2755 B37554 B37557 B37554 B37554 B37554 B37554 B37554 B37554 B37554 B37554 B37554 B37554 B37554 B37554 B37554 B37557 B37554 B37557 B37554 B37557 B37554 B37557 B37577 B37577 B37577 B37577 B37577 B37577 B375777 B375777 B37577777777777777777777777777777777777	CHES CHES CHES CHES CHES CHES CHES CHES	48F2180 Size 1¼" 1¼" 1½" 1½" 2¼" 2¼" 2¼" 2¼" 2¼" 5 1 1 1 1 1 1 1 1 1 1 1 1 1	Stock No. 9381807 9187659 33F771  946538 9476538 9476538 9476538 9287823 9387892 Stock No. 33F778	377.10  GREENLEE.  A Tractors Company  Price Each 90.94 59.62 82.52 93.93 115.66 139.40 142.42 160.13 226.05 Price Each 79.66  Price Each 79.66  GREENLEE. A Tractor Company	Square punches cut precise I Mfg. Part No. 60001 60016 (5624) HYDRAULIC PUNCH DRIVER ½-2" conduit size. Ideal for panel punching. Step-saver an Greeniee knockout punches sizes to use %/e" draw stud Includes driver, 3 draw stud Includes draw stud Includes driver, 3 draw stud Includes driver, 3 draw stud Includes driver, 3 draw stud Includes driver, 3 draw stud Includes draw stud Includes driver, 3 draw stu	Size     0.500" (12.70)     1.000" (25.40)  r fast, straight-on front dapter converts standard is through 11/4" conduit for one-step punching, s, 2 adapters, 1 spacer, no, 7806SB are straight right-angle drivers with 0 degrees.  Description Straight Driver w/Punches Right-Angle Driver Right-Angle Driver Right-Angle Driver Right-Angle Driver w/Pun  shels, and instruments in enclose  Description With Notches	Stock No 33F779 33F782 33F782 33F782 33F782 1 33F782 7 9 9 33F782 7 9 9 3 8 7 9 9 4 8 9 9 9 4 8 9 9 9 4 8 9 9 9 4 8 9 9 9 4 8 9 9 9 4 8 9 9 9 4 8 9 9 9 4 8 9 9 9 9	A Tearro      A Tearro	Price Each           258.51           356.09           REEENLE           In Company           Price Each           1210.98           955.73           1462.16           In Company



PUNCH AND SCREWDRIVER SETS

S551Z-7

Plastic Box

PUNCH SETS

Mfg. Part No.

S248PC

S264WB

S565PC

S816PC SCREWDRIVER SETS

Mfg. Part No.

Mfg. Part No.

18AA

18A

18B

Mfg. Part No.

985-118

985-119

985-120

(88728)

8

AUTOMATIC CENTER PUNCH

**DRIVE PIN PUNCHES** 

Length

(In.)

8

4

4

**TechCast®** 

Indicates RoHS Compliant

Eind Datasheets Online

## PUNCHES • SAWS & AXES

**PUNCHMASTER II™ IMPACT PUNCH DOWN TOOLS** 





Starrett

18**E** 

Stock No.

85K3667

85K3715

85K3718

85K3769

85K3817

Stock No.

85K3764

85K3768

85K4573

85K4572

85K4574

Material Stock No. Price

Price Each

30.50

37.50

56.00

41.50

29.00

Price Each

47.50

68.00

29.50

33.00

37.50

Stock No. Price Each

Mitutoyo

Punch Diamete Range

(In.)

1/16 to 1/4

1/8 to 3/8

1/16 to 1/4

1/16 to 5/16

5/64 to 5/32

Blade Width

Range

.060" to #1

.025" to #0

Diameter

(In.)

7/16

9/16

11/16

Mfg. part nos. 35-485 and 35-487 seat and cut cable terminations. Impact-absorbing, neoprene-cushioned grip reduces operator stress for high-volume installers and provides increased nonslip comfort. Sure-Lock™ blade holder provides fast and easy blade changes and prevents blade pull-out. Adjustable Hi/Low impact settings.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
35-485	Punch Down Tool with 110 Blade	01F2601	90.26
35-487	Punch Down Tool with 66 Blade	01F2602	90.26
35-495	Replacement 110 Blade/Cut and No-Cut	01F2603	26.82
35-497	Replacement 66 Blade/Cut and No-Cut	01F2604	26.82
(18627)			

S248PC

Description

Description

Description

Description

Center Punch 7 Pc. Set-Sq Shank, Round Red

S117PC Center Punch 5 Pc. Set-Rd Shank, Plastic Case

Drive Pin Punch 5 Pc. Set, Vinyl Case

Drive Pin Punch 8 Pc. Set. Vinvl Case

Prick Punch 5 Pc. Set, Plastic Case

S551Z-7 Precision Screwdriver 7 Pc. Set, with Case

S555Z-7 Jewelers' Screwdriver 7 Pc. Set, with Case

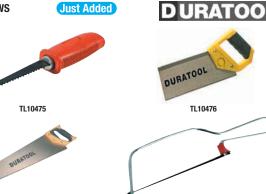
4" Automatic Center Punch

5" Automatic Center Punch

5-1/4" Automatic Center Punch



#### HAND SAWS



Wall board saw has a durable hardened blade with an anti-slip cushioned grip a length of 10.63". The tenon saw comes with a comfortable rubber/plastic grip, ideal for general use. Hardpoint hand saw has an ergonomic soft grip with a size: 22". Hacksaw has drop-forged steel body:; height:2-3/4"; length:6".

			Price Each
Mfg. Part No.	Description	Stock No.	1-99
TL10475	Wall board saw, 6"	97M9412	1.44
TL10476	Hardpoint tenon saw, 10"	97M9413	1.87
TL10477	Hardpoint hand saw, 22"	97M9414	2.41
D00261	Mini Hacksaw	58M5425	2.39
(116747)			

#### HOLE SAW ATTACHMENT

TI 10477

Round hole cutters are Ideal for installing ceiling speakers, recessed lighting, or any project requiring a round hole to be cut. Cuts up to a 10" round hole in ceilings, walls, and floors. Cuts plywood, plaster-board, and acrylic up to 1" thick. Features include: Can be used with any variable speed drill. Cutting radius is freely adjustable via adjusting lever. Support base steadies the drill bit while cutting and keeps the cut perpendicular to the surface. Transparent cowl pre-vents chips from flying into eyes while cutting.

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D00261

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**DURATOOL** 

				Price Each
	Mfg. Part No.	Description	Stock No.	1-999
e Each	22-7385	Round Hole Cutter Saw	83H4698	59.95
27.75	(116771)			

5 Pc. Ext 5/16; 3/8	a Long Punch Set: 1/8; 3/16; 1/4;	Steel	<u>82K5868</u>	27.75	(116771)	
	ch Set: 1/16; 3/32; 1/8; 5/32; 2; 1/4; 5/16;	Steel	<u>82K5869</u>	30.50	COBALT STEEL BI-	
	ss Punch Set: 1/16; 3/32; 1/8; 6; 7/32; 1/4; 5/16;	Brass	<u>82K5870</u>	17.50	HOLE SAW KIT	INIETAL
					Variable pitch hole saw kit fi conduit. Includes 7%", 11%	
	11 Ph		1		134", 2", 21/2" hole saw 37157, 37155, and 37156	vs, plus

with pilot drills in plastic case Mfg. Part No. Description Stock No **Price Each** 830/19192 Bi-Metal Hole Saw Kit 95F3612 172.80



Product

Use the library of online training modules located on our homepage under Useful Tools, with specific guidance for complex solutions.



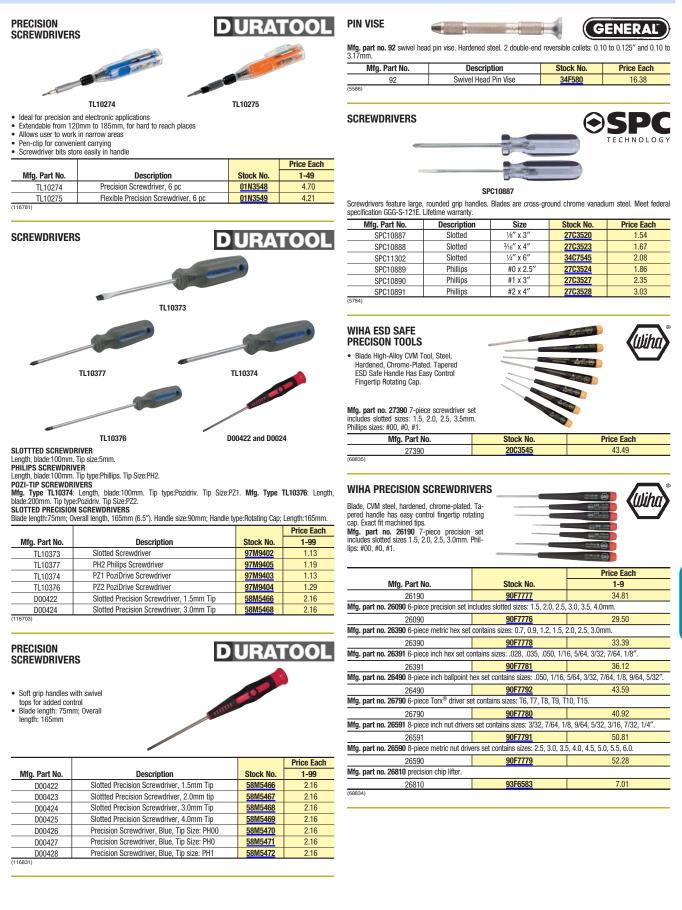
Go online or call for non-compliant or RoHS compliant products. See page 3

G

GREENLEE

ADE 

## **SCREWDRIVERS**





6

## Find Datasheets Online

## **SCREWDRIVERS**

#### **INSULATED SCREWDRIVERS**

· Blade CVM Tool Steel, Hardened

Come With WIHA Soft-

Finish Handle

VDE Approved

Mfg. part no. 32092 6-piece set includes slotted sizes: 3.5mm, 4.5mm and 6.5mm.

Phillips sizes: #1, #2 and #3.

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Mfg. Part No.	Stock No.	1-4		
32092	90B2680	51.61		
Mfg. part no. 34792 6-piece insulated heavy-duty nut driver inch set includes: 3/16, 1/4, 5/16, 3/8, 7/16, 1/2".				
34792	83F6426	90.21		
Mfg. part no. 34791 5-piece insulated heavy-duty nut driver metric set includes: 5.0, 6.0, 8.0, 10.0, 11.0.				
34791	83F6427	70.74		
(68842)				

#### SOFTFINISH SCREWDRIVERS

Blade CVM tool steel, hardened. Cushion griphandle, multi-component. Mfg. part includes slo stubby. Phil

t no. 30294 6-piece insulated slotted sizes: 4.0, 6.5, 8.0 and iillips sizes: # 1, #2.		
		Price Each
Mfg. Part No.	Stock No.	1-9
30294	83F6424	52.73
no. 36291 6-piece insulated set in	icludes Torx® sizes: T6, T7, T8, T9	, T10 and T15.

83F6425 36291 34.88 (68838)

#### SLOTTED SCREWDRIVERS

Mfg. part

8



Blades are AISI 6150 chrome vanadium steel fin-ished in bright nickel chrome with plastic handles.

Regular –	– Square Blade
	un xellaten

<u>34F256</u>

34F257

34F258

34F259

34F260

34F261

34F263

34F264

34F265

34F266

34F267

34F269

34F270

34F271

34F272

- Square Blade

Price Each 1-4

4.50

4.90

5.35

3.91

3.92

4.33

5.24

6.05

6.62

7.11

8.21

6.96

7.79

8.47 8.94

► CONTINUED ►

S	QUARE BLADES		Stubby — Squ
	Mfg. Part No.	Blade Size	Stock No.
	S-141†	1/4″ x 11/4″	34F276
_	0.0100	3/-" > 0"	245202

S-141†	1⁄4″ x 11⁄4″	34F276	5.94
S-3163	³∕16″ x 3″	34F203	5.60
S-3164	³∕16″ x 4″	34F204	6.21
S-3166	3∕16″ <b>x 6″</b>	34F205	6.51
S-144	1⁄4″ x 4″	34F209	8.28
S-146	1⁄4″ x 6″	34F210	8.17
S-5164	5∕16″ x 4″	35F1426	8.06
S-388	3%″ x 8″	34F217	12.36
S-3161†	3/16" x 11/4"	34F275	4.19
S-5168	5∕16″ x 8″	34F214	11.61
S-3812	3∕%″ x 12″	34F218	15.61
ROUND BLADES			
R-3322*	³⁄32″ x 2″	34F250	2.69
R-3323*	3⁄32″ x 3″	34F251	3.03
R-3324*	³⁄32″ x 4″	34F252	3.22
R-182	1/8″ x 2″	34F254	3.22
R-183*	1⁄8″ x 3″	34F253	3.22
R-184	1⁄8″ x 4″	34F255	4.20

1⁄8‴ x 6′

1⁄8" x 8"

1⁄8″ x 10′

5∕32″ x 3″

<sup>5</sup>/<sub>32</sub>″ x 4″

5∕32″ x 5″

³∕16″ x 3″

³∕16‴ x 4″

³∕16‴ x 6″

<sup>3</sup>/16" x 8"

3/16" x 10"

1⁄4″ x 4″

1⁄4″ x 6″

1⁄4″ x 8″

1⁄4″ x 10″

#### SLOTTED SCREWDRIVERS (CONT.)

ROUND BLADES

REGULAR

(48794)

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			Price Each
Mfg. Part No.	Blade Size	Stock No.	1-4
R-5166	5⁄16″ x 6″	34F273	8.19
R-5168	5⁄16″ x 8″	34F274	9.51
R-181*	1⁄8″ x 2″	<u>34F277</u>	2.61

\*Pocket clip style; †Stubby style

#### PHILLIPS SCREWDRIVERS

All have plastic handles. **SX-101** and **SX-102** are stubby type. **P12-S** has pocket clip. Super Tru-Tips have black oxide tips for longer wear.



	Point	Blade		Price Each
Mfg. Part No.	Size	Size	Stock No.	1-4
SX-101	1	17/16″	34F287	6.08
SX-102	2	15/16″	34F288	6.82
P-12S	0	2″	34F289	3.65
X-101	1	3″	34F290	5.43
X-102	2	4″	34F291	7.26
X-103	3	6″	34F292	10.10
X-108	1	6″	34F294	7.14
X-1010	1	10″	34F295	9.27
X-1020	2	10″	34F296	10.49
SUPER TRU-TIP				
XST-100	0	45%"	35F1433	5.08

6%

81/8

1 2

X-101

35F1434

35F1435

**XPE184** 

#### **XCELITE<sup>®</sup> PRO-SERIES SCREWDRIVERS**

XST-101

XST-102

- ESD Safe to Protect Sensitive Equipment
   Ergonomic Design
   Dual Material Injection Molded Handle for Enhanced Grip and Comfort

XPE184 Mfg. part no. XPE500 5-piece set includes: mfg. part nos. XPE184, XPE101, XPE3166, XPE144, and XPE102. Mfg. part no. XPE700 7-piece set includes: mfg. part nos. XPE184, XPE5324, XPE101, XPE3166, XPE144, XPE102, and XPE5166.

Mfg. Part No.	Description	Stock No.	Price Each
XPE184	Slotted 1/8 x 4"	17C6653	4.67
XPE5324	Slotted 5/32 x 4"	17C6657	4.35
XPE101	#1 Phillips x 3"	17C6650	5.85
XPE3166	Slotted 3/16 x 6"	17C6654	7.37
XPE144	Slotted 1/4 x 4"	17C6652	7.74
XPE102	#2 Phillips x 4"	17C6651	7.82
XPE500	5-Piece Set, Pro-Series	17C6655	31.87
XPE700	7-Piece Set, Pro-Series	17C6658	45.14

### ESD-SAFE 6-PC. PRECISION SCREWDRIVER SETS

- · Smooth-turning concave swivel caps for comfort and control
- Chrome-molybdenum vanadium steel blades for superior strength
- Snap-lock plastic carrying case



Mfg. part no. XP600 is a 6-piece screwdriver set that includes: 1.5mm, 2.0mm, 2.5mm, 3.0mm slotted screwdrivers; #0, #00 Philips<sup>®</sup> tip screwdrivers: Mfg. part no. XP1600 is a 6-piece Torx<sup>®</sup> screwdrivers et that includes: #5pt, #6 pt. standard Torx<sup>®</sup> bip driver, #7 pt, #8 pt, #10 pt, #15 pt. tamperproof Torx<sup>®</sup> tip driver.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
XP600	ESD-Safe Swivel-Cap Screwdriver Set	92B0521	30.26
XPTX600	ESD-Safe Swivel-Cap Torx <sup>®</sup> Screwdriver Set	92B0539	35.58
(48788)			



R-186

R-188

R-1810

R-5323

R-5324

R-5325

R-3163

R-3164

R-3166

R-3168

R-31610 R-144

R-146

R-148

R-1410

Go online or call for non-compliant or RoHS compliant products. See page 3

**Xcelite**<sup>®</sup>

6.98

8.96

Xcelite La

Stock No

17C1512

1701510

17C1514

1701511

17C1513

17C1515

Stock No.

34F100

17C1505

94F5785

34F108

17C1506

96B1090

17C1507

94F5787

94F5788

1701508

10C2374

91B4558

94F5789

Price Each

13.19

13.37

13.54

13.74

13.94

15.76

11/32, 3%, 7/16, 1/2

Price Each

1-2

81.34

76 68

**Price Each** 

16.31 17.98

12.91

13.92

16.33

18.08

17.19

12.35

14.24

17.26

16.41

16.14

15.62

Price Each

Price Each

66.59

83.96

## SCREWDRIVERS - COMBINATION • SCREWDRIVERS - LARGE HANDLE

#### **DURA-DRIVER INTERCHANGEABLE Crescent**<sup>®</sup> 6" CUSHION-GRIP NUT DRIVERS AND KITS BIT SCREWDRIVERS Hollow Shaft Allows Fitting Over Long Includes #1 Phillips X $\frac{3}{16}$ " slotted, #2 Phillips X $\frac{3}{20}$ " slotted, $\frac{12}{10}$ " slotted, $\frac{14}{10}$ X $\frac{5}{16}$ and a $\frac{1}{16}$ nutdriver. 2 double-ended bits stored in removeable steel Bolts and Studs Color-Coded Handle With Tip-Ident<sup>®</sup> On Top Shows Hex Shape and Size P holding sleeves. Both ends of the holding sleeves Hex Shank Colo are nutdrivers Mfg. Part No. Code Size Length 630-3/16 Black Price Each Red 1/4" 6' Mfg. Part No. Description Stock No 630-1/4 1-4 Yellow 5/16 95B4610 630-5/16 6' SDMB7V 7-in-1 Screwdrive (48791 Green 11/32 6' 630-11/32 630-3/8 Blue 3/8' 6' 630-7/16 Brown 7/16 6 WIHA MULTI-BIT SCREWDRIVER Mfg. part no. 647 7-piece set includes: 6" hollow shaft nut driver set. Includes sizes: 3/16, Wiha Mfg. Part No. Stock No. 17C1516 647 Mfg. part no. 631 7-piece set includes: 3" shaft nut driver set. Includes sizes: 3/16, 1/4, 5/16, 11/32, 3/8, 7/16, 1/2' 50B4637 631 Mfg. part no. 38006 multi-bit screwdriver slotted sizes: 5.5, 6.5, 8.0mm, Phillips sizes: #1, #2 and #3, 1/4" shielded magnetic hex drive. Chambered handle with six 1" bits. Snap-lock rotatable cap **CUSHION-GRIP SCREWDRIVERS** Mfg. Part No. Stock No Price Each 90F7774 38006 23.76 Cushion-Grip Is Locked Around a Solid Plastic Handle For Unbeatable Comfort (68839 Strong Heat-Treated and Tempered Steel Shanks Handle Resists Slippage For Greater Torque Grip Is Oil-, Gas- and Water-Resistant DUAL-PURPOSE **Xcelite**<sup>®</sup> Handle Tops Permanently Inscribed With Tip-DRIVERS Description Symbol For Easy Identification Keystone slotted tip lid designed for the most demanding uses. Available in a round or square shank shape. Cabinet slotted tip is narrow to permit access where Reversible blades. Mfg. part no. CR1 is for 3/16" and No. 1 Phillips screws. CR2 1/4" and No. 2 Phillips Length Mfg. Part No Stock No **Price Each** space is limited CR-1 71/4" 34F298 13.13 Shank Tip Shank 71/4" 34F299 13.13 CR-2 Mfg. Part No Length (5729 600 4 1/4" Keystone 600-6 5/16"Keystone 6 **Xcelite<sup>®</sup>** 3/16" Cabinet 4' 601-4 **4-WAY POCKET TOOL** 3/16" Cabinet 6' 601 6 3/16" Cabinet 8 601-8 Combination nutdriver and screwdriver features special reversible SB1 blade that fits slotted or Phillips<sup>®</sup> head screws. Double-ended handle serves as 2 sizes of nutdrivers (%" and 1/4"). Especially handy for removing backs of TV sets and installing antennas. 602-4 1/4" Keystone 4' 5/16" Keystone 6 602-6 #1 Phillips 603-3 #2 Phillips Price Each 603-4 Mfg. Part No. Description Stock No. #2 Phillips 603-7 4-Way Pocket Too 35F1421 600 13.90 #2 Phillips 10' (5733) 603-10 1/4" Cabinet 4' 605-4 1/4" Cabinet 605-6 6 **GORILLA GRIP® FOLD-UP TOOL SETS** Mfg. part no. 85076 7-piece cushion-grip screwdriver set includes the following sizes: ½ x 4" Square Shank Keystone, % s 6" Round Shank Keystone, % s x 3" Round Shank Cabinet, % s x 6" Round Shank Cabinet, ½ x 4" Round Shank Æ ONDHUS Cabinet, #1 Phillips x 3 Round Shank, #2 Phillips x 4 Round Shank in vinyl pouch. Mfg. Part No. Stock No. 40% Stronger than 85076 50B4657 Metal Fold-Ups Handle is Made of an Mfg. part no. 85075 S-piece cushion-grip screwdriver set includes 1 square-shank, keystone-tip (length: 81½2'); 1 round-shank, cabinet-tip (length: 9¾'); 1 round-shank, keystone-tip (length: 101½6'); 1 round-shank, no. 2 Phillips-tip (length: 8½6'); 1 round-shank, cabinet-tip (length: 101½2'). Contained in a reclosable seal-tight vinyl pouch. BONDHUS Engineered Resin that s Stronger than Steel Virtually Unbreakable Mfg. Part No. Stock No. 52F9175 85075 (5657/ 12589 12550 Price Each No. of Mfg. Part No. Size Stock No Piece 1-9 5/64″ - 1/4″ 9.44 52F6707 12589 9 elnvoices .050" - 3/16 8.00 12591 9 52F6706 1.5 - 6mm 7.66 52F6708 12592 Now you can view, print 12 1.5, 2, 2.5, 3, 4, 5 mm / 5/64, 3/32, 7/64, 1/8, 13.01 91F1987 12550 5 3⁄16″ - 3⁄8′ 91F1984 14.62 12585 or email Newark invoices 3 - 10mm 14.19 12595 6 91F1985 Star Fold Up T9-T40 91F1986 20.45 from our website under 12634 8 Star Fold Up T6-T25 20.02 8 12632 52F6710 Tamper Resistant TR9-TR40 21.98 MY ACCOUNT eSuite. 97C8505 12638 8 Tamper Resistant TR7-TR25 12636 97C8504 18.62 Log in or register today. Ball End 3/16 - 3/8 inch 20.31 12894 5 91F1988 Ball End 5 - 10 mm 12897 91F1989 20.31

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(148829)



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DURATOOL

**DURATOOL** 

## SCREWDRIVERS – LARGE HANDLE • SCREWDRIVERS – RATCHET • SCREWDRIVERS – SETS

PICO SOFT GRIP PRECISION SCREWDRIVER SETS

Exact fit precision machined tips

Super through hardened blades

Exclusive CRM-72 special tool steel
Satin micron vapor chromed finish

Mfg. Part No.

26093

26193

26392

26493

**RATCHET SCREWDRIVERS** 

1000



Pico 8-piece slotted soft grip set mfg. part no. 26093 includes slotted sizes: 0.8, 1.2, 1.5, 2.5, 20mm 2.5, 3.0, 3.5, 4.0mm. Pico 8-piece slotted and phillips set mfg. part no. 26193 includes: slotted sizes: 0.8, 1.2, 1.5, 2.5, 3.5 and phillips tools: #00, #0, #1. Pico 8-piece inch hex set mfg. part no. 26392 includes: 028, 035, 050, 1/16//, 3/32, 7/64, 1/8. Pico 7-piece hex ball end set mfg. part no. 26493 includes: 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32. Pico soft grip precision screwdriver sets come standard in rugged canvas pouch.

Stock No.

84K5337

84K5347

84K5361

84K5376

Just Added

Handles proportioned to blade size for optimum torque

Price Each

48.95

51.59

48.15

53.08

DURATOOL

Free turning precision finger control cable
Molded on soft tactile grip handle · Precision quality made in Germany

#### **6 PIECE JEWELLERS** SCREWDRIVER SET

A 6 piece precision screwdriver set containing a selection of screwdrivers, all manufactured with selected steel handles and chemically hardened, high carbon steel blades. The set is supplied in a rigid, hinged case. The set contains: Phillips: PH0, PH1 & Slotted: 1.4, 2, 2.4 and 3mm.

Mfg.Part No.	Description	Stock No.	1-99
D00393	Jewellers Screwdriver Set	42M1816	1.81
(116822)			

#### **11 PIECE PRECISION** SCREWDRIVER SET

An 11 piece precision screwdriver set manufactured with All T i piece previous Stewarties are manufactured with steel blades which have precision ground tips and metallic handles with a rotating tip. The kit is supplied in a moulded, impact resistant case with a durable hinge and a snap shut fastener. The kit contains: 6 X Slotted Screwdrivers, 1, 2, 1.4, 1.8, 2.4, and 3mm; 3 x Phillips Screwdrivers, PH00, PH0 and PH1; 1 x Pointing Awl; 1 x Magnetic Pick-up Tool.

-			Price Each
Mfg. Part No.	Description	Stock No.	1-99
D00394	Jewellers Screwdriver Set	42M1817	2.84
(116823)			



High torque rathet screwdriver handle can be angled up to 60°. Precision 3 setting ratchet function. Screwdriver bits fit comfortably in the handle. 6 sockets - 6, 8, 9, 10, 12, 13mm. 1 socket adaptor. 6 screwdriver bits: - Slotted: %", %2" - Phillips: PH1, 2 - Torx: T15, 20. Length: 120mm

#### 7-PIECE LONG OR STUBBY SCREWDRIVER, RATCHET SETS

Garless ratchet screwdrivers for confident driving, operates with friction rather than teeth for a smoother, non-stepping action. Forward and reverse settings. Mfg. part no. TL10271 TL10272 is long shaft (300mm) version, Mfg. part no. TL10272 is stubby (110mm) version. 6 screwdriver bits: - Slotted: 5, 6mm - Phillips: PH1, 2 - Pozidriv: PZ1, 2. RATCHET SCREWDRIVER WITH SOCKETS

D00033

			Price Each
Mfg. Part No.	Description	Stock No.	1-49
TL10270	14-Piece Stubby Ratchet Screwdriver Set	01N3545	4.95
TL10271	7-Piece Long Shaft Ratchet Screwdriver Set	01N3546	7.06
TL10272	7-Piece Stubby Ratchet Screwdriver Set	01N3547	6.19
TL10277	Ratchet Screwdriver Set with Sockets	01N3550	5.13
D00033	7-Piece Angled Ratchet Screwdriver	58M5346	9.50
D00419	14-Piece Stubby Ratchet Screwdriver	58M5463	7.88
(116709)			

8

# DURATOOL D00420

D00292

Cushion handle provides super soft comfortable grip allowing use over prolonged periods. Supplied in a convenient plastic carry case. Set contents: Slotted - 2 x 65mm, 2.5 x 65mm, 3 x 65mm, 4 x 65mm; Phillips - PH000 x 65mm, PH00 x 65mm, PH00 x 65mm, PH00 x 65mm; PH00 x 65mm, T0 x 50mm, T1 x x 50mm, T0 x 50mm, T0 x 50mm, T1 x x 50mm, T0 x 50mm, T20 x 50mm,

6-PIECE PRECISION SCREWDRIVER SET

6-Piece precision screwdriver set has 90mm handles with rotating caps. Set contents: Phillips: PH00, PH0, PH1; Slotted: 2 3 4m

Overall length:165mm. Blade length:75mm.

				THUC LUCH
	Mfg. Part No.	Description	Stock No.	1-49
Ĵ	D00420	6-Piece Precision Screwdrier Set	58M5464	12.85
Ĵ	D00292	15-Piece Precision Screwdriver Set	58M5433	15.46
(	116824)			

#### **10-PIECE MINI-SCREWDRIVER SET**

Mfg. part no. 690 chrome-plated vanadium steel blades with hardened tips and shafts. Ergonomically designed for rapid rota-tion and comfort. Set includes 3<sup>μ</sup>α<sup>-</sup>, 1<sup>μ</sup>α<sup>-</sup>, 5<sup>μ</sup>α<sup>-</sup>, 3<sup>μ</sup>α<sup>-</sup> slotted blades; #000, #00, # 00 cross points; 1-6, 1-7, 1-8 Torx<sup>®</sup> drivers. Fitted plastic case. Overall length: 45<sup>μ</sup>α<sup>-</sup>.



Drigo Egob

		1 1 1	1 1 1
Mfg. Part No.	Description	Stock No.	Price Each
690	10-Piece Mini-Screwdriver Set	83F7633	31.64
S-607	Jeweler Screwdriver Set, Nickel-Plated w/Screw Chuck	87F1157	35.65
8071	Rachet Offset Screwdriver Set	50F9072	20.58
8082	Slotted Screw Starter, Spring Chuck, 5" Handle	50F9068	13.51
8083	Crosspoint Screw Starter, Spring Chuck, 5" Handle	50F9069	12.56
	, , , , , , , , , , , , , , , , , , , ,		



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SCREWDRIVER, STUBBY, 14PC'S

Kit contents: Ratchet handle, socket adaptor, 5 sockets - ¼, ¾6, ½2, ¾6, ½, 7 x screwdriver bits - Slotted: ¾6, ¼, Phillips: PH1, 2, 3, Torx: T15, 20.

PTI, 2, 3, IOX: 115, 20.
6-in-1 GEARLESS ANGLED RATCHET SCREWDRIVER
High torque ratchet screwdriver handle with fixed angle of 60°. Operates with friction rather than teeth for a smoother, non-stepping action. Forward and reverse settings. Screwdriver bits store conveniently in the handle. Comfortable, ergonomic rubber grip. 6 x screwdriver bits: Slotted: %ie", ¼, Phillips: PH1,PH2, Torx: T15, T20. Overall length: 195mm (7%<sup>4</sup>).

#### STUBBY RATCHET SCREWDRIVER

Stubby ratched screwdriver has 3 Settings: forward, reverse and fixed Complete with 7 x 32mm long double ended bits, Phillips, slotted, torx, hex and square combination. Includes: PH1 - SL3, PH2 - SL5, PH3 - SL6, T15 - T20, T25 - T30, H4 -H5, S1 - S2 (square) bits. Overall length: 120mm (4%).

SCREWDRIVERS – SETS

SECURITY BIT SETS



#### 22-9795 11-PIECE 5 POINT SECURITY TORX BIT SET

MALLLI

11-PIELS FUDIN SECURITY LINK BITSEL 11 piece set of five-point Tox security bits are for technician use of removing security screws used in computer equipment, hard drive enclosures, European automobiles, and other Tox Plus style fasteners which are becoming more commonly used. These do not fit standard sub-point tox fasteners. Hole in center of the bit for tamper-proof fasteners, Includes pocket sized organizer. All bits 1" long. Contains T8, T9, T10, T15, T20, T25, T27, T30, T40, T45, T50. 32-PIECE SECURITY BIT SET

32-PIECE SECURITY BIT SET Handy pocket size set contains many of the bits commonly used to remove tamper resistant screws found in many of today's electronic products. Items like IBM PS/2 monitors, cable boxes, telephone equipment and much more, commonly use these type of screws. Kit contains: 6mm, 8mm, and 8mm torp bits, 4, 6, 8 and 10mm spanner bits, #1, #2, #3 and #4 triving bits; 2, 25, 3, 4, 5 and 6mm security hex bits; %2", %4", %4", %4", %4", and %6" security hex bits; B, 110, 115, 120, 125, 127, 130, 135 and 140 security torx bits; 60mm magnetic bit extension; all housed in a pocket sized carry case. Bits fit any standard ¼" hex driver and most power screwdrivers.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
22-9795	11-Piece 5 Point Security Torx Set	75M9211	9.99
22-1875	32-Piece Security Bit Set	99M1221	9.99
(116763)			

#### 5-IN-1 AND 10-IN-1 CUSHION-GRIP SCREWDRIVERS



Features same great cushion-grip now in a multi-bit format **Mfg. part no. 32476-12** 5-in-1 screwdriver features %6'' slotted, %2'' slotted, #1 Phillips, #2 Phillips bits and %6'' nutdriver. **Mfg. part no. 32477-12** 10-in-1 screwdriver features %6''' slotted, %'' slotted, #1 Phillips, #2 Phillips, #1 square, #2 square, #15 Torx<sup>®</sup>, #10 Torx<sup>®</sup> bits and %6''' and %6''' slotted, %1 Phillips, #2 Phillips, #1 Square, #15 Torx<sup>®</sup>, #10 Torx<sup>®</sup> bits and %6''' and %6'''' slotted, %1 Phillips, #2 Phillips, #1 Square, #15 Torx<sup>®</sup>, #10 Torx<sup>®</sup> bits and %6''' and %6'''' slotted, %1 Phillips, #2 Phillips, #10 Ph nutdrivers

Mfg. Part No.	Description	Stock No.	Price Each
32476-12	5-in-1 Screwdriver	17C1503	19.33
32477-12	10-in-1 Screwdriver	17C1504	23.19
(56575)			

#### ESD SAFE llihl **TORQUEVARIO-S** SERIES MICRO BIT SETS ESD-safe 24-piece micro bit sets mfg. part no. 28590 includes 28526 ESD handle, 15 to 80 in/oz microbit bit holder Mfg. Part No. Stock No. Price Each 73H5965 28590 185.83 (90333

#### SECURITY BITS COLLECTOR



Mfg. part no. 71990 39-piece set includes slotted sizes: 6.5, 8.0mm. Phillips sizes: #1, #2, TR Torx<sup>®</sup> sizes: TR8, TR10, TR15, TR20, TR25, TR27, TR30, TR40. Tri-wing sizes: 1,2,3,4. Torx<sup>®</sup> set sizes: 6, 8, 10. Spanner sizes: 4,6, 8, 10. TR hex sizes: 54, 92, 74, 14, 54, 542, Pozidriv<sup>®</sup> sizes: 0, 1, 2,3. Square sizes: 1,2,3, 1/2<sup>m</sup> magnetic bit holder, 1/2<sup>m</sup> bit holding socket adapter and MicroFinish handle

Mfg. Part No.	Stock No.	Price Each
71990	<u>97B2481</u>	76.62
(68837)		





Included in these sets are: 10 hardened bits of chrome-vanadium-molybdenum steel, 1/4" magnetic bit holder. Slide-out drawer allows quick bit acces Mfg. part no. 79243 10-bit set includes slotted sizes: 5.5, 6.5, 8.0mm. Phillips sizes: #0, #1, #2, #3. Torx® sizes: T10,

T15, Ť20.				
		Price Each		
Mfg. Part No.	Stock No.	1-9		
79243	93F2754	21.40		
Mfg. part no. 79245 10-bit set includes Tor	x® sizes: T7, T8, T9, T10, T15, T2	0, T25, T27, T30 and T40.		
79245	28C2453	23.16		
Mfg. part no. 79247 10-bit set includes Tamper-Resistant Torx <sup>®</sup> sizes: TR7, TR8, TR9, TR10, TR15, TR20, TR25, TR27, TR30 and TR40.				
79247	2802455	34.68		

79247 (69940)

#### 31-PIECE XL SELECTOR BIT SETS

## Industrial quality through

hardened bits Small pocket-sized versions also

- available
- Tip-out drawer holds ten bits, bits always visible opened or closed Small sets include "clicfix" •
- quick-release magnetic bit holder Made in Germany



Mig. part no. 79490 security bit set includes spanner bits: #4, #6, #10; tri-wing bits: #2, #3, #4, #5; Torx<sup>®</sup> set bits: #6, #8, #10; security Torx<sup>®</sup> bits: T7, T8, T9, T10, T15, T20, T25; security hex: 5/4, 3/2; 3/4; 1/8, 5/4; 3/2; 3/4; square bits: #1, #2; Pozi bits- #1, #2; slotted bit 6.5; Phillips bits: #1, #2; and ¼ magnetic bit holder. **Mig. part** no. 79495 combo set of slotted, Phillips, hex; and Torx<sup>®</sup> bits: includes slotted bits: 55, 65, 80; Phillips bits: #0, #1, #2, #3; Torx<sup>®</sup> bits: T6, T7, T8, T9, T10, T15, T20, T25; hex: 5/4, 3/2; 3/4; 1/8, 5/4; 3/2; 3/6; 3/2; 4/4; Rb; tbits: 2.0, 2.5, 3.0, 4.0, 5.0, 6.0; and ¼ magnetic bit holder. Both bit sets include 30 bits, molded storage box and standard magnetic bit holder.

Mfg. Part No.	Stock No.	Price Each
79490	84K6855	65.67
79495	84K6856	50.98
(89321)	0-110000	00.00



28C1425	402.48	
	Idiho	

· Handles proportioned to blade size for



Molded on soft tactile Pico grip handles

32891

(68841

PICO SOFT GRIP PRECISION NUT

DRIVER SETS

maximum torque Rotating finger tip control cap for precise turning control

- Narrow profile precision formed nut drivers Exclusive CRM-72 special tool steel Satin micron vapor chromed finish

 Statin micron vapor chromea ninsin
 Super through hardened blades
 Mig. part no. 26593 8-piece Pico nut driver set includes inch sizes: 3/2, 7/4, 1/6, 1/42, 1/4, 1/4, 1/42, 3/4, 1/42, 3/4, 1/42, 3/4, 1/42, 3/4, 1/42, 3/4, 1/42, 3/4, 1/42, 3/4, 1/42, 3/4, 1/42, 3/4, 1/42, 3/4, 1/42, 3/4, 1/42, 3/4, 1/42, 3/44, 1/44, 1/42, 3/44, 1/42, 3/44, 1/44, come standard in rugged canvas pouch.

Mfg. Part No.	Stock No.	Price Each
26593	84K5395	63.42
26596	84K5396	62.64
(89320)		



ESD SAFE Screwdriver And Torx® Sets

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#### SCREWDRIVERS - SETS • SCREWDRIVERS - TORX

SCREWDRIVER SETS

SCREWDRIVER

SETS

8





Mfg. part no. SDR-11. 5 round blade slotted screwdrivers: 1/8", 5/32", 3/16", 1/4", 5/16". Plastic case. Mfg. part no. SDS-44. 5 square-blade slotted screwdrivers, sizes 1/4" stubby and 1/6", 1/4", 5/6", 3/4" regular. Clear plastic case.

			Price Each		
Mfg. Part No.	Description	Stock No.	1-4		
SDR-11	5-Pc. Round Blade Slotted Screwdriver Set	46F2586	29.45		
SDS-44	5-Pc. Square Blade Slotted Screwdriver Set	46F2587	42.46		
Mfg. part no. CK-3.	CK-3 or CK-23. Type 25 handle with 3 reversible blades: #1, 2 and 3 Phillips and 3/16", 1/4" and 5/16" slotted blade Mfg. part no. CK-3. Pocket roll-up case. Mfg. part no. CK-23. Clear plastic case.				
CK-3	Set with Pocket Roll-Up Case	46F2591	25.03		
CK-23	Set with Clear Plastic Case	35F1424	26.26		
Mfg. part no. SDX-2	Mfg. part no. SDX-22. 5 Phillips screwdrivers: #0, #1, #2, #3 regular, and #2 stubby. Clear plastic case.				
SDX22	5-Pc. Phillips Screwdriver Set	46F2590	32.23		
(5732)					



			Price Each
Mfg. Part No.	Description	Stock No.	1-4
XL-70	19-Pc. Midget Reversible Ratchet Screwdriver Set	35F200	81.18
Mfg nart no XI -75	5-piece offset ratchet screwdriver set 3/6" and 1//" slotted screw	whits #1 and #	2 Phillins <sup>®</sup> screw

Mfg. part no. XL-75 5-pie								screw
bits. Reversible ratchet. 1/4	" hex shank on (	driver bits. Plast	c pouch. Ho	t drop fo	rged cutler	y steel.		
							Price Ea	ich

Mfg. Part No. Description Stock No 1-4 XL-75 5-Pc. Offset Ratchet Screwdriver Set 35F1436 25.12 Mfg. part nos. PS-88 and M-60 compact midget screwdriver sets come with "piggyback" torque amplifier handle that sips over drivers for better gripping. Mfg. part no. PS-88 set includes 3 Phillips<sup>®</sup> and 5 slotted drivers with blade diameters from ½" to ¼". Mfg. part no. M-60 set consists of 5 jeweler's blades and 1 Phillips<sup>®</sup> blade for detailed work.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
PS-88		34F375	34.86
M-60	6-Pc. Compact Jeweler's and Phillips Midget Screwdriver Set	35F206	16.86
(5721)			

Mfg. Part No.	Description	Stock No.	Price Eacl
4884X ESD	ESD 4-Piece Screwdriver Set	95C2786	36.42
4881X / 5ESD	ESD 5-Piece Torx® Set	95C2785	102.17
4883X ESD	ESD 7-Piece Screwdriver Set	30C8529	61.54
68074)			
FORX PRECISION		<b>D URA</b>	TOO
SCREWDRIVERS Soft grip handles with added control Blade length: 75mm; ( 165mm	swivel tops for	mu Da	
<ul> <li>Soft grip handles with added control</li> <li>Blade length: 75mm; 0</li> </ul>	swivel tops for	-	Price Eacl
<ul> <li>Soft grip handles with added control</li> <li>Blade length: 75mm; 0</li> </ul>	swivel tops for	-	
Soft grip handles with added control Blade length: 75mm; ( 165mm	swivel tops for Dverall length: Description Torx Screwdriver, Tip Size: T5	and the	Price Eacl 1-99 2.23
Soft grip handles with added control Blade length: 75mm; 0 165mm Mfg. Part No. D00429 D00430	swivel tops for Dverall length: Description Torx Screwdriver, Tip Size: T5 Torx Screwdriver, Tip Size: T6	Stock No. 58M5473 58M5474	Price Eacl 1-99 2.23 2.59
Soft grip handles with added control Blade length: 75mm; ( 165mm Mfg. Part No. D00429	swivel tops for Dverall length: Description Torx Screwdriver, Tip Size: T5 Torx Screwdriver, Tip Size: T6 Torx Screwdriver, Tip Size: T7	Stock No. 58M5473	Price Eacl 1-99 2.23 2.59 2.23
Soft grip handles with added control Blade length: 75mm; 0 165mm Mfg. Part No. D00429 D00430	swivel tops for Dverall length: Description Torx Screwdriver, Tip Size: T5 Torx Screwdriver, Tip Size: T6 Torx Screwdriver, Tip Size: T7 Torx Screwdriver, Tip Size: T8	Stock No. 58M5473 58M5474 58M5475 58M5476	Price Eacl 1-99 2.23 2.59 2.23 2.23
Soft grip handles with added control Blade length: 75mm; 0 165mm Mfg. Part No. D00429 D00430 D00431	swivel tops for Dverall length: Description Torx Screwdriver, Tip Size: T5 Torx Screwdriver, Tip Size: T6 Torx Screwdriver, Tip Size: T7	Stock No. 58M5473 58M5474 58M5475	Price Eacl 1-99 2.23 2.59 2.23

- · Soft grip handles with swivel tops

**Xcelite**<sup>®</sup>

- Blade length: 75mm; Overall length: 165mm
  Tip sizes: T5, T6, T7, T8, T9, T10

		Price Each			
Mfg. Part No.	Description	Stock No.	1-49		
D00421	Precision Torx Set	58M5465	13.52		
(116826)					

#### TORX BIT SETS



3-PIECE STAR TORX BIT SET

A 3-piece torx bit set for use with screwdriver handles and portable screwdrivers with ¼" hex drives. Tip type:Torx. Shank length:50mm. Tip Sizes:T5, T6 and T7. 8-PIECE STAR TORX BIT SET

An 8 piece torx bit set for use with screwdriver handles and portable screwdrivers with 1/4" hex drives. Manufactured	
from chrome vanadium steel. Bit lengths: 50mm. Sizes: T8, T10, T15, T20, T25, T27, T30 and T40.	

			Price Each
Mfg. Part No.	Description	Stock No.	1-99
TL10393	3-Piece Torx Bit Set	99M1203	1.16
TL10394	8-Piece Torx Bit Set	99M1204	1.73
(116773)			



Go online or call for non-compliant or RoHS compliant products. See page 3

#### SCREWDRIVERS - TORX • RATCHETS & SOCKETS • WRENCHES

#### **TORX<sup>®</sup> SCREWDRIVERS**

# **Xcelite<sup>®</sup>**

Screwdrivers for Torx® head screws. Blades made of AISI 6150 chrome vanadium steel, plated for protection. Durable plastic handle.

Mfg. Part No.	Blade Length	Tip Size	Stock No.	Price Each
XTD-10	3″	T-10	33F1800	6.59
XTD-15	3″	T-15	33F1801	6.48
XTD-20	3″	T-20	33F1802	6.48
XTD-25	3″	T-25	33F1803	6.48
XTD-27	4½″	T-27	33F1804	6.86
XTD-30	41/2"	T-30	33F1805	7.07

SOCKET SETS



29-PIECE, 14" DRIVE SOCKET SET Manufactured from chrome vanadium steel and supplied in a rigid, blow molded case. Contents: Flank drive sockets: 4, 4, 5, 5, 5, 6, 7, 8, 9, 10, 11, 2 and 13mm; Slotted screwdriver sockets: 4, 4, 5, and 7mm; Hex screwdriver sockets: 3, 4, 5, 6 and 8mm; Phillips screwdriver sockets: No. 1, No. 2; Pozidriv screwdriver sockets: PZ 1, PZ 2. Also includes Quick

4, 5, 6 and 8mm; Phillips screwdriver sockets: No. 1, No. 2; Pozidriv screwdriver sockets: P2 1, P22. Also includes Quick release ratchet handle, Spinner handle, Universal joint, Extension bar, and Sliding T-bar. 26-PIECE, %" DRIVE SOCKET SET Manufactured from chrome vanadium steel with a durable chrome plated finish, supplied in a blow molded case. Includes Flank drive sockets (6): 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24mm; Spark plug sockets: 16, 21mm. Also includes Quick release ratchet handle; Universal joint; Extension bars: 50, 75, 150mm; Adaptor: ½" F x %" M.
22-PIECE, ½" DRIVE SOCKET SET
½" source fuely sockets set manufactured from chrome vanadium steel and supplied in a robust blow molded case.

1/2" square drive socket set manufactured from chrome vanadium steel and supplied in a robust blow molded case. Contents

Tank drive sockets (6 pt): 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24, 27, 30, 32mm; Spark plug sockets: 16 and 21mm, Also includes Quick release ratchet handle, Universal joint, Extension bars: 125 and 250mm, and Adaptor: %" F x 1/2" M

 2 mini, Aso includes duck release radiate radiate matting, onnersa joint, Extension radis. T23 and 250mint, and Adaptol. 79 1 x/5".
 40-PIECE, 14" & 4%" DRIVE SOCKET SET
 11.5%" reversible ratchet handle; 14x ½" drive metric sockets: 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 9, 10, 11, 12, 13mm; 14x ½" drive imperial sockets. 5%, 3%, 7%2, 14, 3%2, 5%, 13%2, 7%, 13%2, 14%, 5%, 3x ¼" drive (8 point) sockets imperial size: 14, 3% and 3%", 11% " extension bar, 1 x ¼" to 5% and 4%0, 13%2, 14%, 9%2, 5%, 13%2, 7%, 13%2, 14%, 9%6", 3 x ¼" drive (8 point) sockets imperial size: 14, 3% and 3%", 11% " extension bar, 1 x ¼" to 5% and 4%0, 13%2, 14%, 9%6", 3 x ¼" drive (8 point) sockets.
 94-PIECE, 14" & 5% " DRIVE SOCKET SET
 The kit contains: 13 x ¼" metric flank drive sockets: 14, 15, 17 and 13mm; 4 x Metric flank deep drive sockets: 14, 15, 17 and 13mm; 4 x ¼" x %" schemision bar, 1 x ½" schard schemision bar, 1 x ½" schemision bar, 1 x ½" schemision CONTINUED >

#### SOCKET SETS (CONT.)

21-PIECE, 34" DRIVE SOCKET SET Industrial chrome-plated drop forged, heat treated steel features 12-point design for maximum surface contact and greater torque transfer. Contents: 16 x sockets 34" drive: 19,21,22,23,24,26,27,30,32,34,36,38,41,46,48 & 50mm; 34" drive ratchet handle; 34" breaker bar; 100mm (4") extension bar; 200mm (8") extension bar and blow molded carry case

			Price Each
Mfg. Part No.	Description	Stock No.	1-24
TL04281	29-Piece 1/4" Drive Socket Set	01N3573	18.98
TL04282	26-Piece 3/8" Drive Socket Set	01N3572	18.98
TL04283	22-Piece 1/2" Drive Socket Set	01N3574	52.56
TL10409	40-Piece 1/4" & 3/8" Drive Socket Set	01N3563	5.40
TL10410	94-Piece 1/4" and 1/2" Socket Set	01N3564	48.35
TL10411	21-Piece 3/4" Drive Socket Set	01N3565	73.01
(116711)			

#### **STUBBY L-WRENCH SETS**





-			Price Each
Mfg. Part No.	Description	Stock No.	1-9
16537	13-Piece Inch Set Contains Sizes: .050", ½6", 544",3/32", ½4", ½", %4", 5½", ¾6", ½2", ¼1", ¾6", ¾", Bondhex® Case	<u>97C8507</u>	28.91
16538	10-Piece Inch Set Contains Sizes: $\frac{1}{6''}, \frac{5}{64''}, \frac{3}{2''}, \frac{7}{64''}, \frac{1}{6''}, \frac{5}{64''}, \frac{3}{64''}, \frac{1}{6''}, \frac{1}{6'''}, \frac{1}{6'''}, \frac{1}{6'''}, \frac{1}{6''''}, \frac{1}{6'''''}, \frac{1}{6'''''''''''''''''''''''''''''''''''$	<u>97C8508</u>	18.09
16592	7-Piece Inch Set Contains Sizes: 1.5mm, 2mm, 2.5mm, 4mm, 5mm, 6mm, Bondhex <sup>®</sup> Case	<u>97C8509</u>	14.26
16599	9-Piece Inch Set Contains Sizes: 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm, Bondhex <sup>®</sup> Case	<u>97C8510</u>	23.50
20599	Double Pack Contains #16537 SBLX13 Inch Stubby Set and #16599 SBLX9M Stubby Set.	<u>97C8513</u>	49.50
(73533)			

#### **CRESCENT® RATCHETING COMBINATION** WRENCH SETS



## **Crescent**<sup>®</sup>

FRP7

Standard Combination Wrench Features: Ratchet Action Speeds Up Any Job

- 5° Swing Turns Bolts Versus 30° Needed With Standard Wrenches
   Chrome Vanadium Steel Construction Exceeds ANSI Specs.

STANDARD COMBINATION WRENCH SETS

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
FR4	4-Pc. Set Includes: 3/8", 7/16", 1/2", 9/16"	31C6501	38.78
PIVOT HEAD RAT	CHETING COMBINATION WRENCH SETS		
FRP4	4-Pc. SAE Set Includes: 3/8", 7/16", 1/2", 9/16"	73C1136	63.51
FRP7	7-Pc. SAE Set Includes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 3/4"	73C1137	114.55
(69077)			

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Indicates RoHS Compliant

l Find Datasheets Online

## WRENCHES • SERVICE TOOL KITS

#### AC SERIES ADJUSTABLE WRENCHES

#### All AC series Adjustable Wrenches Feature:

- Industrial professional or home use
- Heat-Treated, Drop-Forged Alloy Steel
  Chrome finish resists rust and corrosion
- Wide handle for increased leverage Polished Jaw
- · SAE/Metric size indicator on jaw

Mfg. Part No.

AC16

AC18

AC-110V

AC-112V

AC8NKWMP

- RapidSlide<sup>™</sup> Adjustable Wrench Only:
- Slide button mechanism in handle for quick, fast adjustment
- Debris shield protects slide mechanism, and maintains a smooth operation

Length

6

8

10

12

8



Standard Wrenches with Tension Spring Jaw and Knurl Adjustment

AC8NKWMP RapidSlide<sup>™</sup> Adjustment

Stock No

52F9056

52F9057

90F7202

90F7203

73K7065

1- 0

30

Price Each

1-4 19.50

20.28

26.20

37.58

21.24

**ELECTRONIC TOOL KITS** 

## **DURATOOL**



#### 22-8820

Kit contains: 30W soldering iron, desoldering pump, solder, 6" adjustable wrench, 6" long nose pliers, 5" diagonal cutting pliers, VOM meter measures AC/DC voltage DC amps and ohms

(includes battery), #2 phillips screwdriver, slotted screwdriver and padded zipper carry case.

Kit contains: 30W soldering iron with cover, desoldering pump, 4.5" long nose pliers, 4.5" diagonal cutting pliers, two slotted screwdrivers, koro phillips screwdrivers, slotted precision screw-driver, phillips precision screwdriver, utility knife and padded

9-PIECE ELECTRONIC TOOL SET

12-PIECE ELECTRONIC TOOL SET

zipper carry case.

22-8815



25-PIECE ELECTRONIC TOOL SET Kit contains: 30W soldering iron with cover, desoldering pump, six piece screwdriver set (three slotted, three phillips), two precision screwdrivers (slotted/phillips), 5" long nose pliers, 5" diagonal cutting pliers, IC puller, Wire stripper that strips up to 10AWG wire, DMM measures AC/DC voltage, DC amps, ohms, hFE transitors (includes battery and test leads), eight piece hex key wrench set (1.5-6.0mm), long nose tweezers and padded zipper carry case.

			Price Each
Mfg. Part No.	Description	Stock No.	1-2
22-8815	9-Piece Electronic Tool Kit	95K9116	19.89
22-8820	12-Piece Electronic Tool Kit	99M1267	17.95
22-8825	25-Piece Electronic Tool Kit	99M1268	29.95
(116807)			

#### **MINIATURE TOOL KITS**

## **DURATOOL**



#### TI 10406

Tools are all made from chrome vanadium steel and are supplied in a rigid, blow molded case. The kit contains bit assortment: PH1, PH2, PH3, slotted 5, 6 and 7mm, torque 10, 15 and 20mm, adapter, magnetic tip handle, 5" mini long nose pilers, 4,5" mini side cutters, 115mm tweezers, ¼" drive sockets: 5,6,8 and 10mm, extension bar, precision screwdrivers: 4 slotted and 2 Phillips.

			Price Each
Mfg. Part No.	Description	Stock No.	1-49
TL10406	Mini Tool Kit, 26 pc	01N3562	3.98
(116806)			

#### **BASIC TOOL KIT**



#### TL10498

The toolbox kit contains junior hacksaw, 150mm mini level, 125mm x 250mm roofing square, 3m measuring tape with rubber cover, 16oz tubular hammer with rubber grip, ratchet screwdriver, 60mm bit holder, 200mm adjustable wrench with dipped handle, 175mm (7°) carpenter pencil, 150mm (6°) stainless ruler, tim knifte with soft comfortable handle, electric clips, 150mm (6°) combination pliers, 150mm (6°) long nose pliers, 150mm (6°) side cutting pliers, 4 x screwdrivers with a cushion grip

			Price Each
Mfg. Part No.	Description	Stock No.	1-24
TL10498	Tool Kit, 69 pc	01N3566	23.21
(116795)			



Opening

3/4'

15/16

11/8

**1**5⁄16

#### **OFFSET RATCHET** SPANNER SETS

- Metric offset ratchet ring spanner set
- Ideal for getting at hard to reach nuts & bolts
  30° offset design helps prevent bruised and
- scraped nuckles
- 12 point for maximum surface contact
  Drop forged heat treated steel



			Price Each
Mfg. Part No.	Description	Stock No.	1-49
TL10436	Offset Ratchet Spanner Set, 5 pc	99M1262	10.06
(116786)			

ADJUSTABLE WRENCHES

8



Precision-machined jaws and smooth turning knurl for easy operation. Forged heat-treated alloy steel for maximum strength and light weight. High polish chrome-plated finish is corrosion resistant. Contoured handles for comfortable use. Mftp. part no. D506-4 standard-capacity adjustable wrench features plastic-dipped dovetail handle. Mftp. part nos. D507-6 and D507-8 extra-capacity adjustable wrenches feature plastic-dipped handle. Extra capacity allows use of a smaller size wrench to handle bigger jobs, especially in confined spaces

D507-6

_	Mfg. Part No.	Length (in.)	Max. Capacity (in.)	Stock No.	Price Each
	D506-4	4	1/2	34F129	33.09
	D507-6	6	15/16	50F7342	34.60
	D507-8	8	11/8	50F7343	37.72
(5	5722)				

#### 2070 Newark

Go online or call for non-compliant or RoHS compliant products. See page 3



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SERVICE TOOL KITS

#### 116-PC. ULTIMATE TELCO **TECHNICIANS TOOL KIT**

Mfg. part no. 4938 116-pc. ultimate telco technicians tool kit consists of all the UTP tools, connectors and accessories one might need to prepare cable, test new installations, and troubleshoot problems. Kit includes mfg. part no. 4594 GripPack SurePunch® Pro technician's kit (includes mfg. part no. 4599 SurePunch® Pro PDT inthe ED light, mfg. part no. 3599 SurePunch® Pro PDT inthe ED light, mfg. part no. 3599 SurePunch® Pro PDT inthe ED light, mfg. part no. 3599 SurePunch® Pro PDT inthe ED light, mfg. part no. 3599 SurePunch® The PDT is the ED light, mfg. part no. 3599 SurePunch® rop PDT inthe ED light, mfg. part no. 3599 SurePunch® and SurePunch® Pro PDT inthe ED light, mfg. part no. 1790 Dutt set (handset) with ABN cord, mfg. part no. 1793 Dutt set (handset) with ABN cord, mfg. part no. 1592 RJ45 modular adapter (8-Way), mfg. part no. 1903 RJ11 modular adapter (6-way), mfg. part no. 9520 10-pack of RJ11 WE/SS 8P6C modular plugs, mfg. part no. 6520 PT-S10 PowerPlay® multi-tool, and mfg. part no. 4573 fol but set (release the sure of adapter for the sure of the sure Mfg. part no. 4938 116-pc. ultimate telco technicians tool kit consists of all

Description

116-Pc. Ultimate Telco Technicians Tool Kit

Price Each

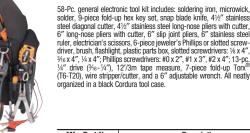
599.99

Paladin Tools 58-PC. GENERAL ELECTRONIC TOOL KIT

89-PC. FIELD SERVICE TOOL KIT



 $\odot SP($ 



Tulei, eleculician s scissors, o-piece jeweler s riillips or siolleu sciew-	
driver, brush, flashlight, plastic parts box, slotted screwdrivers: 1/8 x 4",	
3/16 x 4", 1/4 x 4"; Phillips screwdrivers: #0 x 2", #1 x 3", #2 x 4"; 13-pc.	
1/4" drive (3/16-1/4"), 12'/3m tape measure, 7-piece fold-up Torx®	
(T6-T20), wire stripper/cutter, and a 6" adjustable wrench. All neatly	
organized in a black Cordura tool case.	1
- <u>-</u>	

Mfg. Part No.	Description	Stock No.	Price Each
SPC5134	58-Pc. General Electronic Tool Kit	50N417	277.21
SPC5135	Black Cordura Tool Case Only — No Tools	50N418	62.13

# **17-PC. DATACOM PRO**

Mfg. Part No.

(116770

4938

STARTER KIT MAX

Mg. part no. 4919 17-pc. DataCom Pro starter kit max is perfect for the new data installer, offering the "must have" tools required for cutting, crimping, and terminating. Kit includes mfg. part no. 6500 PT-510 PowerPlay multi-tool, mfg. part no. 1566 all-in-one data and phone crimping tool (WE/SS style), mfg. part no. 116 Data SureStrip™ stripper, mfg. part no. 1925 datacom/telecom scissors, mfg. part no. 3570 SurePunch® punchdown tool handle, mfg. part no. 4546 10-pack of RJ45 WE/SS B9C modular plugs (Cat5, Cat5). All tools come neatly packaged in a compact zipper storage case. packaged in a compact zipper storage case.



Stock No

01N4821

Paladin Tools

Mfg. Part No.	Description	Stock No.	Price Each
4919	17-Pc. DataCom Pro Starter Kit Max	01N4820	149.99
(116766)			

49-PC. COMPACT **TECHNICIAN'S TOOL** KIT



49-Pc. compact technician's tool kit includes: soldering iron, solder, microwick, flashlight, 3-piece alignment tools 49-rc. compact terminating to the interaction of the first interacti

Mfg. Part No.	Description	Stock No.	Price Each
SPC5142	49-Pc. Compact Technician's Tool Kit	50N425	266.76
SPC5143	Tool Case Only — No Tools	50N426	72.20
(38274)			

## 

52-PC. NETWORKING TOOL KIT ACCESSORIES • Black Cordura case with shoulder strap • Shown with optional Temma® multimeter, test telephone and cable tester; ordered separately below		95 TECH	PC
Mfg. Part No.	Description	Stock No.	Price Each
SPC5131	Black Cordura Tool Case Only — No Tools	50N414	131.15
72-6069A	Tenma <sup>®</sup> Test Telephone	92N5937	234.14
72-6706	Tenma <sup>®</sup> Cable Tester	18C2275	89.95
72-2050	Tenma <sup>®</sup> Multimeter	92F5407	53.80
DIGITAL MULTIMETER ONLY WITH	CALIBRATION AND PRINTED CERTIFICATIO	ON AND DAT	A REPORT
72-2050 CALIBRATED W/DATA	Tenma <sup>®</sup> Multimeter	50N2218	106.80
(38374)			





89-Pc. field service kit includes: soldering iron, solder, microwick, DIP IC extractor, DIP IC inserter, desoldering pump. 89 Pc. held service kit includes: soldering iron, solder, microwick, DIP IC extractor, DIP IC inserter, desoldering pump, 3-piece needle files, 4 oz. ball-peen hammer, 6" stainless steel ruler, feeler gauge, ¼e" and ¼" punch pins, metal scribe, 13-piece socket set with ¼" drive, solder aid kit, electrician's scissors, 5" hemostat, 8-piece BP hex key set, flashlight, mirror/magnetic retriever, screwdriver handle, nut driver blades: ¾e, ¼z, ¼e, ¾z, ¼e, ¼a, ¾, ¼e, and 1/2", slotted screwdrivers: ½u X 2", ¼x 6", ¾e X", and ¼x 4"; Phillips screwdrivers: 110, 115, and 120; ¾e X 4", ¼e X 4", Ye hillips subby screwdrivers: 110, 115, and 120; ¾e' side utter pliers, 4½" serrated chain-nose pliers, 5" needle-nose pliers, 6" long-nose pliers with side cutter, 6" slip joint pliers, spring tool combination, tape measure, AA-SA tweezer, 4½ cross-lock tweezer, wire stripper (16-26 AWG), 6" adjustable wrench, and a 8-piece mini-ignition wrench set (¼u-¾)". All neatly organized in a black Cordura tool case.

	Mfg. Part No.	Description	Stock No.	Price Each
	SPC5140	89-Pc. Field Service Tool Kit	50N423	633.60
	SPC5141	Black Cordura Tool Case Only — No Tools	50N424	144.25
ī	38771)			

#### **ELECTRONIC TOOL KIT**

Electronics tool kit includes: 13-piece screwdriver set, 6-piece long Electronics tool kti includes: 13-piece screwdriver set, 6-piece long precision screwdriver set, super drill set, I cextractor, flashilght, solder-ing iron stand, 4.5" flat nose piler, 5" long nose pilers, 6" stainless scissors, 7-piece folding type hex wrench, 6" tweezer, mini vacuum cleaner, 6" adjustable wrench, 9.5" 5-way crimping tool, 30W ceramic soldering iron, 5-piece file set, 3-piece soldering aid kit, cleaning solution, hand cleaning fluid, 10-piece miniature combination wrench, carrying tool case (460 x 340 x 160mm) and more.



8

Mfg. Part No. Description Stock No Price Each SPC10066 Electronic Tool Kit 18C2426 200.31 001/331

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KITS

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#### SERVICE TOOL KITS • TELECOM TOOLS

**TECHNICIAN TOOL KIT** 



Technician tool kit includes: 6-piece precision screwdriver set, 7-in-1 crimping tool, IC extractor tool, flashlight, utility knife, 30W ceramic soldering iron, 5-piece double blade, mini hammer set, 3-piece PRO-SOFT duplex color screwdriver, 7-piece folding type hex wrench, 8" adjustable wrench, 5" cutting pliers, 4.5" flat-nose pliers, deluxe desoldering pump, heat sink, 6" tweezer, PLCC extraction tool, 5-piece file set, carrying zipper bag (440H x 320W x 100Dmm) and more

Mfg. Part No.	Description	Stock No.	Price Each
SPC10067	Technician Tool Kit	18C2427	142.74
(66410)			

#### **BASIC ELECTRONIC TOOL KIT**

Features PRO-SOFT duplex color screwdrivers: Phillips: #0 x 75, #1 x 75, #2 x 100, #2 x 200mm; slotted: 3 x 75, 5 x 75, 6 x 100mm; nut: 5mm, 6mm. Kit also includes: 6" side cutter, 6" long nose plier, 6" combination plier, stairliess tweezer, 6" adjustable wrench, desolder-ing pump, alignment driver, solder wick, solder core, needle file set, PVC insulated tape, 30W ceramic soldering iron, and carrying zipper bag (330 x 210 x 50mm).



FLUKE

Mfg	. Part No.	Description	Stock No.	Price Each
5	SPC10068	Basic Electronic Tool Kit	18C2428	57.24
(66411)				

#### **IMPACT AND NON-IMPACT** PUNCH DOWN TOOLS



Fluke Networks<sup>™</sup> punch down tools provide technicians a variety of options. The popular D914S<sup>™</sup> series impact tool Take returns a punct norm advance product extension of variety of options in populate Darks impact tool features a rounded edge handle with soft rubber grip to reduce recoil, preventing hand ratigue and slipping while terminating. D914<sup>TM</sup> and D814<sup>TM</sup> series spring-loaded impact tools make efficient connections with less effort. D914<sup>TM</sup> series non-impact tool is effective for scissor blades such as Krone and BIX. Increased versatility and flexibility of these punch down tools and a wide variety of interchangeable blades allows each tool to perform multiple functions. Order additional blades separately below

Mfg. Part No.	Description	Stock No.	Price Each
10061000	D914S <sup>™</sup> Impact Tool	18C1547	60.36
10061100	D914S <sup>™</sup> with 66 Blade	18C1548	66.01
10061120	D914S <sup>™</sup> 66 and M110 Blades	18C1550	75.77
10051000	D914™ Impact Tool	48F4930	48.55
10051120	D914 <sup>™</sup> with 66 and 110 Blade	<u>97C9297</u>	65.33
10051501	D914™ with 66 and 110 Extra Blade	48F4931	65.33
10054000	D814™ Impact Tool	48F4932	42.30
10055000	D814 <sup>™</sup> with 66 Blade	85C1383	47.95
10055110	D814 <sup>™</sup> with 110 Blade	95B8127	47.95
10055200	D814™ with 66 and 110 Blade	97C9298	57.71
10055501	D814 <sup>™</sup> with 66 and 110 Extra Blade	48F4933	57.71

PUNCH DOWN TOOL BLADES

PUNCH DOWN TOOLS

Through special processing of the metal, Eversharp™ high-performance blades stay sharper three-times longer than other competitive blades. Sharper blades provide better termination at the block, leading to quality installs.

Mfg. Part No.	Description	Stock No.	Price Each
10056500	Eversharp™ 66 Blade	<u>18C1546</u>	21.86
10176500	EverSharp™ 110 Blade	18C1551	21.86
10565000	KRONE Blade	48F4940	44.36
10665000	BIX <sup>®</sup> Blade	48F4957	44.01
(62989)			





11293-000 These Pro-Tool<sup>™</sup> kits are comprised of the most essential tools for telecom installations, conveniently stored in a PVC pouch for greater durability. **Mfg. part no. 11291-000** kit includes D814<sup>™</sup> impact tool, electrician's D-Snips™, cable stripper, EverSharp<sup>™</sup> 66/110 cut blade, and ProbePic. **Mfg. part no. 11292-000** kit includes D9145<sup>™</sup> impact tool, electrician's D-Snips™, cable stripper, and EverSharp<sup>™</sup> 66/110 cut blade. **Mfg. part no. 11293-000** kit includes D9145<sup>™</sup> impact tool, electrician's D-Snips™, cable stripper, and EverSharp<sup>™</sup> **6**/110 cut blade. **Mfg. part no. 11293-000** kit includes D9145<sup>™</sup> impact tool, electrician's D-Snips™, cable stripper, Mini-Maglite and Sharpie.

Mfg. Part No.	Description	Stock No.	Price Each
11293000	Pro-Tool <sup>™</sup> Kit IS60	02H5542	161.56
11292000	Pro-Tool <sup>™</sup> Kit IS50	97C9305	139.00
11291000	Pro-Tool <sup>™</sup> Kit IS40	97C9304	131.03
(73269)			

#### **D-IMPACTOR 5-PAIR IMPACT TOOL**



D-Impactor 5-pair punch down tool is ergonomically-designed with a cushioned handle that reduces recoil and prevents the tool from slipping. This impact tool has fewer moving parts providing a smoother termination. The D-Impactor patented blades are molded into a single reversible blade part, for cut or non-cut terminations, delivering optimal performance that saves valuable time.

Mfg. Part No.	Description	Stock No.	Price Each
10059-000	D-Impactor 5-Pair Impact Tool	31C7924	169.52
10059030	Replacement D-Impactor Blade	31C7925	34.98
(69356)			

**ELECTRICIAN** D-SNIPS™





D-Snips™ offer a unique ergonomically-designed handle that leverages your power, providing 1½ times the cutting force with half the effort. The special plastic coated "tail" on the handle that provides the added leverage also minimizes hand fatigue. Made of high-quality forged steel. With a reinforced center joint these new snips are the most durable in the industry.

Mfg. Part No.	Description	Stock No.	Price Each
44300000	Electrician D-Snips	31C7928	21.41
(68357)			

CABLE CUTTER AND STRIPPER Adjustable cable cutter a stripper for round cable, U STP telephone and data cat and other flexible cable.	ind TP/ Ile,	FLUKE	tworks <sub>™</sub>
Mfg. Part No.	Description	Stock No.	Price Each
11230002	Cable Cutter and Stripper	<u>97C9300</u>	24.32
(51183)			

**TECHNICIAN'S HAND TOOLS** 

FLUKE networks



Mfg. part no. 44007-000 can wrench, designed for optimum versatility, features 2 hex head sockets (1/16" and 3/") with Intro. 44007-000 cal website in optimizing the product of the state of the state socket ends make it easy for the technician to distinguish between the socket sizes. Mfg. part no. 44600-000 pocket-sized insultation probe is ideal for checking for losse or damaged connections or to spread apart wire for direct access. Compact size is perfect for using the pic end for tracing or pulling wires from a bunch. Mfg. part no. 44600-000 cocket-size insultations at 1.75" long cutlery-grade steel blade that stays sharp use after use. Features a non-slip, easy-to-grip handle for better control and reduced bards. reduced hand fatique.

Mfg. Part No.	Description	Stock No.	Price Each
44007000	Can Wrench Hex Head	48F4960	13.01
44600000	ProbePic, 105° Angle	48F4961	5.48
44400000	Cable Splicing Knife	48F6975	17.99
(73270)			



Go online or call for non-compliant or RoHS compliant products. See page 3

Paladin Tools

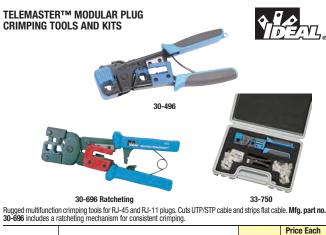
# **TELECOM TOOLS • TERMINATION TOOL** RoHS Compliant Available

LAN AND TELECOM CABLE



Mfg. part no. 61-051 E-Z Check® Plus GFI circuit tester tests the integrity and operation of GFI receptacles, protected circuits or outlets. Also tests for correct wiring, open-ground, reverse-polarity, open-hot, open-neutral, hot-on-neutral, hot and ground reversed with open-hot, and ground fault interruption in 3-wire 125V AC circuits. Push-pull shape, easy-to-read indicators. Mfg. part no. 61-035 E-Z Check<sup>®</sup> circuit tester is the same except no GFI outlet test capability.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
61-051	E-Z Check <sup>®</sup> Plus GFI Circuit Tester	90F2394	51.64
61-035	E-Z Check <sup>®</sup> Circuit Tester	35F2254	25.33
(5000)			



			THUE LOUI
Mfg. Part No.	Description	Stock No.	1-4
30-496	Crimps RJ-11 and RJ-45 Plugs	92F1528	73.25
30-696	Ratcheting, Crimps RJ-11 and RJ-45 Modular Plugs	48F1305	96.09

KITS MIS Mg. part no. 33-750 economy 10Base-T Telemaster™ kit includes UTP/Coax stripper, Telemaster™ RJ-11/RJ-45 crimping tool, 50 8-position RJ-45 non-keyed solid plugs, and a durable, hard-sided storage case. Mg. part no. 3-652 10Base-T Grimpmaster™ RJ-45 kindudes bata T<sup>™</sup>-Cutter, UTP/Coax stripper, Crimpmaster crimp tool frame only, e-position crimp die set for RJ-45 Plugs, 200 8-position RJ-45 non-keyed solid plugs, and a durable, hard-sided storage case

Mfg. Part No.	Description	Stock No.	Price Each
33-750	Economy 10Base-T Telemaster™ Kit	16F7673	165.86
33-652	10Base-T Crimpmaster™ RJ-45 Kit	01F020	344.39
(7802)			

#### **IMPACT TERMINAL TOOLS**

- Professional BT-type terminal tool
- · Manufactured from toughened plastic with a hardened steel blade
- Quickly and safely cuts and terminates cable Handles house wire hooks and extractors
- Supplied with molded belt holder



DURATOOL

			Price Each
Mfg. Part No.	Description	Stock No.	1-49
TL09782	Impact terminal tool	01N3630	9.86
(116812)			

TESTING KIT

- True cable mapper
- Auotmatic display of mapping
  Dual speeds: Slow and Fast
- Telephone Test Set and Tone Probe Cable Tracer Features:
- Check polarity of phone power lines View phone line status: dial tone, ringing line or busy line
- Provide talk power for phone lines and butt set use
- Four tone generator patterns Test continuity of wires, cable and loads Tone generator features Auto-Off function
- Locate patch and termination point of wire
  Identify cable pair carrying tone signal
- Audible speaker with adjustable volume control

Description Mfg. Part No. Stock No. Price Each LAN and Telecom Cable Testing Kit 87H5780 • 1573 95.99 (83200)

FLUKE

networks

8

#### **JACKRAPID™** TECHNOLOGY **TERMINATION TOOLS**

- Seats and cuts all wires at once, saving up to 2 minutes
- installation time per jack High quality, consistent terminations
- · Simple, one-handed operation and ergonomic handle reduces
- Unique design easily accommodates close-to-wall installation
  Replaceable blade head for use with multiple jack types

JackRapid<sup>™</sup> termination tools are innovative and time saving installation tools. JackRapid<sup>™</sup> allows you to accurately terminate jacks faster than traditional Jackhaplu<sup>™</sup> always you to accurately terminate jacks faster than traditional impact tools. The patented jack termination tool seats and terminates all wires simultaneously with one squeeze of an ergonomic handle. Get clean, consistent cuts every time. The built-in blade cuts off the excess wire after it is seated in the connector, eliminating the need for a secondary tim step. With JackRapid™, you'll never punch into the palm of your hand or through drywall again.

	Description	Stock No.	Price Each
JR-LEV-1	JackRapid Termination Tool (for LEVITON 41106, 41108, 5G108)	<u>95M6386</u>	78.57
JR-LEV-1-H	JackRapid Replacement Blade Head (for LEVITON 41106, 41108, 5G108)	<u>95M6387</u>	52.86
JR-SYS-UNI-1	JackRapid Termination Tool (for MPS100E,C5,M1BH & UNJ600/500/300)	<u>95M6390</u>	78.57
JR-SYS-UNI-1-H	JackRapid Replacement Blade Head (for MPS100E,C5,M1BH&UNJ600/500/300)	07P5216	52.86
JR-LEV-2	JackRapid Termination Tool (for LEVITON 61110, 5G110, 6110G)	95M6388	78.57
JR-LEV-2-H	JackRapid Replacement Blade Head (for LEVITON 61110, 5G110, 6110G)	<u>95M8571</u>	52.86
JR-SYS-2	JackRapid Termination Tool (for SYSTIMAX MGS400,MGS500,MFP420,MFP520)	<u>95M6391</u>	78.57
JR-SYS-2-H	JackRapid Replacement Blade Head (for SYSTIMAX MGS400,MGS500, MFP420, MFP520)	<u>95M8573</u>	52.86
JR-ORT-2	JackRapid Termination Tool	95M6389	75.90
JR-ORT-2-H	Replacement Blade Head (For ORTRONICS TJ5E00,TJ600, TJ610)	<u>95M8572</u>	51.06
JR-ADC-2	JackRapid Termination Tool (for ADC KM8, CopperTen)	45P7637	78.57
JR-ADC-2-H	JackRapid Replacement Blade Head (for ADC KM8, CopperTen)	46P3794	52.86
JR-ERGOHANDLE	JackRapid Ergonomic Handle	95M6385	30.36

WIRE STRIPPER/ CUTTER Easy-to-use. grips. No tool ments. Supplie

Mfg. P

(58680)

se. Features cu tools required for pplied assembled.				OUSTRIES COR
g. Part No.	Descriptio	on St	ock No.	Price Each
JIC-4473	Wire Stripper/	Cutter 1	9C7649	63.99



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Indicates RoHS Compliant

崖 Find Datasheets Online

### TERMINATION TOOL • TOOL BAGS • TOOL KITS

WIRE CUT-AND-STRIP TOOLS



**OK Industries** 

Paladin Tools

For easy, clean stripping of wires for wire wrapping. Place up to four wires in the stripping slot with ends extended beyond the hardened steel cutting blades, press tool, and pull to cut wires to perfect wire-wrapping length. All tools now have a double blade

		Adjustable			Price Each
Mfg. Part No.	AWG	Strip-Off Length (in.)	Blade	Stock No.	1-4
ST-100	24-22	15/16" — 19/16"	Double	10F7573	67.73
ST-100-2426	26-24	1 <sup>5</sup> /16" — 1 <sup>11</sup> /16"	Double	72K0759	67.73
ST-100-2830	30-28	7%" — 11%"	Double	72K0760	67.73
(5878)					

#### **RATCHETING, ALL-IN-ONE TELEPHONE TOOLS**



Mg. part nos. 1530R and 1556 are fully-ratcheting, all-in-one telephone tools that cut, strip, and crimp 4- and 6-position RJ11/RJ12, 4-position RJ22 handset plugs, and 8-position RJ45 modular telephone plugs. AWG 28-24. WESS-style. Complete ratchet cycle and durable steel frame with rubber embedded handles. Mg. part nos. 1530R and 1556 have a 5-year limited warranty. Mg. part no. 901016 has a precision die-cast aluminum head and lifetime warranty.

			Price Each
Mfg. Part No.	Description	Stock No.	1-5
1530R	All-In-One Pro Telephone Crimper/Cutter/Stripper	90F6851	139.57
• 1556	All-in-One Data & Telephone Crimper/Cutter/Stripper — WE/SS- Style Plugs	29K8551	50.46
• 901016	All-in-One Ultra-Pro Telephone Crimper/Cutter/Stripper	48F2034	161.05
(5655)			

#### POWERPLAY™ MULTI-TOOLS

## PT-510 PowerPlay™ is 18 Tools-In-One: • Needle Nose and Gripping Pliers

#### 110 Punchdown Tool

- Wire Cutter
- #4 and #6 Slotted Screwdrivers #1 Phillips Screwdriver
- SOG Serrated Knife Drywall Punch
- 4 Wire Strippers 18/20/22/24 AWG
- 3-in-1 File
  Bottle Opener

8

#### Ruler

# PT-540 PowerPlay<sup>™</sup> is 30 Tools-In-One: • Needle Nose and Gripping Pliers • 110 and 66 Punchdown Blades • Wire Hook and Spudger • 10/09/00/40 MVC Streamer Puilt labe Puilt

- Wite Hook and Spudger 18/20/22/24 AWG Strippers Built-Into Punchdown Blades Large Romex<sup>®</sup> and Hard Wire Cutter UTP and Round Cable Stripper 12/14/16 AWG and Romex<sup>®</sup> Stripper

- 12/14/16 AWG and Hollik\* Supplet SOG Knife with ½ Serrated Blade ½" Socket Drive with Hex Bit Adapter 26-18 AWG Smaller Terminal Lug Crimper 16-10 AWG Large Terminal Lug Crimper #4 and #6 Slotted Screwdrivers #1 Phillips Screwdriver
- 3-in-1 File
- Bottle Cap Opener
- Scissors



Paladin Tools

- PT-525 PowerPlav™ is 24 Tools-In-One:
- Needle Nose and Gripping Pliers
- 110 and 66 Punchdown Tools 5 Wire Strippers — 12/18/20/22/24 AWG Cat5e UTP Stripper Romex<sup>®</sup> Wire Cutter

- Drywall Punch and Saw #4 and #6 Slotted Screwdrivers #1 Phillips Screwdriver
- 1/4" Hex Bit Driver/Adapte •
- SOG Knife 3-in-1 File
- Wire Hook and Spudger
- Bottle Opener
- Ruler

PowerPlay™ multi-tools designed specifically to meet the needs of professional electricians and datacom/telecom installers. It's like having a complete tool kit that fits in the palm of your hand. Lightweight, compact design can be easily carried on your belt. Tough stainless steel construction. Compound Leverage System™ delivers twice the cutting and gripping power with less hand force. Effortless opens with one-handed flip. Pivoting handle-covers protect palms from folding components. Manufacturer's limited lifetime warranty. Alle (lue )

Mfg. Part No.	Description	Closed/Open	Stock No.	Price Each
6500	PT-510 PowerPlay 18 Tools-in-One Multi-Tool	4.25/6.00	69K8284	49.99
6510	PT-525 PowerPlay 24 Tools-in-One Multi-Tool	4.75/7.00	69K8285	89.99
6520	PT-540 PowerPlay 30 Tools-in-One Multi-Tool	5/7.50	<u>17M4070</u>	124.99
(87052)				

- Professional quality Durable middle carbon steel construction
  Black oxide and hardened finish
- Ratchet mechanism
- Comfort grip handles 8.3" long •

Mig. part no. HT-200AR professional modular crimp tool for crimping modular plugs: 10P10C, AMP 8P8C/RJ-45, 6P6C/RJ-12, 6P4C/RJ-11, 4P4C and 4P2C plugs, and DEC/offset plug-6P6C. Mig. part no. HT-200AR professional modular crimp tool for crimping modular plugs: 8P8C/RJ-45, 6P6C/RJ-12, 6P4C/RJ-11, 4P4C and 4P2C plugs, and DEC/offset plug-6P6C.

				Price Each
	Mfg. Part No.	Description	Stock No.	1-24
	HT200AR	Modular Crimp Tool — AMP Style	42M0919	56.22
	HT2008AR	Modular Crimp Tool — WE/SS Style	42M0920	56.22
0	116639)			



**CABLE TOOL KIT** 

Cable tool kit contains: 10 x RJ45 8P6C modular plugs, 10 x RJ12 6P6C modular plugs, Enhanced network cable tester, network cable terminator, wrist strap set, 2-in-1 modular telephone plug crimp tool. TL11398

D URATOO

			Price Each
Mfg. Part No.	Description	Stock No.	1-99
TL11398	Cable Tool Kit, 25 pc	99M1220	22.31

## **Huge Expanded Selection** of Semiconductors



Go online to find new technologies and proven solutions from world-class and specialist suppliers.

Make it easy. Make it fast. Make it Newark.



(148844)





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Paladin Tools

#### TOOL KITS

LAN PRONAVIGATOR™ **NETWORK AND COAXIAL CABLE TESTER AND KIT** 



Mfg. part no. 1543 LAN ProNavigator<sup>™</sup> with remote is a UTP/STP and coavial cable tester for patch cords or installed cable runs. Tests data and telephone cable for proper pairing for EIA/TIA-568A and B, Token Ring, 10 Base T and common Cat5, Cat5e, Cat6 configurations. Also tests continuity of 50 and 75 ohm coaxial cable with BNC terminations. Compact, lightweight and easy-to-use, the LAN ProNavigator<sup>™</sup> detects open wires, shorts, crossed-wires and split pairs in only seconds. Test results at both ends. Generates oscillating audio tone for use with tone probes to locate cable. Less 9V battery with auto-off function to preserve power. Includes belt clips and battery. Mfg. part no. 901066 LAN ProNavigator™ kit includes LAN ProNavigator™ network and coaxial cable tester with remote plus two RJ45 patch cords, two BNC coaxial cables, two CATV "F"-to-BNC adapters, one shielde RJ45 coupler, two belt clips, 9V battery and durable, hard-sided storage case with custom-fit foam insert. One-year manufacturer's warranty.

			Price Each
Mfg. Part No.	Description	Stock No.	1-9
• 1543	LAN ProNavigator Network and Coaxial Cable Tester with Remote Only	<u>07C7929</u>	129.79
• 901066	LAN ProNavigator Network and Coaxial Cable Tester with Remote Kit	<u>20C4956</u>	196.58
(56470)			

#### DATAREADY® TOOL KIT

RoHS Complian Available **Paladin Tools** Compliant

901066

Complete Category 5 datacom tool set perfect for the IT professional. DataReady<sup>®</sup> kit includes: **mfg. part no. 1116** Data SureStrip<sup>®</sup> UTP/ STP and flat satin cuttler/stripper, **mfg. part no. 1556** All-in-One phone/data tool (WE/SS), **mfg. part no. 3570** SurePunch<sup>®</sup> preversible 110/66 blade, **mfg. part no. 1576** Data Link/ID and Cable-Check<sup>™</sup> tester and 20 RJ-45 CatSe modular connectors. All packaged in zipper strange case storage case.

1543



				Price Each
	Mfg. Part No.	Description	Stock No.	1-9
	901053	DataReady Tool Kit	98B6237	246.61
(	54970)			

PREMISE SERVICE KIT

Paladin Tools



Premise service kit for data, voice and coaxial LAN installations comes conveniently packaged in choice of **mfg. part no. 901039** a sturdy molded case with form-fitting foam or **mfg. part no. 4933** in the "Ultimate" too lbag. Kit includes: KT 8 cutter, Data SureStrip<sup>®</sup> and flat cable cutter/stripper, LC CST CATV "F" coax stripper, CrimpALI<sup>™</sup> ergonomic crimp fram with RJ11/12 and RJ4S/CATV "F" combined die, SurePunch<sup>™</sup> Pro, 66, and 110 blades, LAN ProNavigato<sup>®</sup> coax network tester, telephone test set and LAN Cable-check<sup>™</sup>, RJ45 adapter, two BNC-to-CATV adapters and plano plastic treaded bergen. tackle box.

			Price Each
Mfg. Part No.	Description	Stock No.	1-3
• 901039	Premise Service Kit	20C4952	518.99
• 4933	Ultimate Premise Service Kit	29K8630	518.99
(72366)			

SEALTITE®	AND	SEALTITE®
PRO WATER	RPRO	OF
COMPRESS	ION I	KITS

connectors, all



RoHS Compliant Available

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	4910	4	915
			Price Each
Mfg. Part No.	Description	Stock No.	1-5
• 4906	SealTite 59/6 Kit	53H6869	110.52
CST CATV "F" coax strip	Title <sup>®</sup> Pro compression kit includes: SealTite <sup>®</sup> Pro com oper, multi-function coax flaring tool and RG6/RG6 Qua di na nyton zipper storage case.	pression crimper, d SealTite <sup>®</sup> compi	KT8 cable cutter, LC ression cable TV "F"

SealTite Pro Kit • 4910 73J8554 130.41 Mig. part no. 4915 SeaITte<sup>®</sup> Pro Smarthome AV tool kit includes: SeaITte<sup>®</sup> Pro compression crimper, Smarthome SureStrip™ coax cable cutter/stripper, two each of: RG6/RG6 Quad CATV "F", RCA and BNC compression connectors and six slip-on color ID bands, all packaged in a zipper storage case. 4915 SealTite Pro Smarthome AV Tool Kit 39M4518 104 99

DATA/LINK ID AND CABLE-CHECK™ AND LAN CABLE-CHECK™	RoHS Compliant Available	Paladin	Tools



Mfg. part no. 1576 Data/Link ID and Cable-Check™ multi-function continuity tester and network identifier features a Cable-Check™ mode to test UTP/STP and flat satin phone cable with RJ-45 terminations. Tests both data and telephone connections schemes, including patch cords and installed cable, to identify good connections, opens, shorts and cross-connections. Its Data/Link ID medi identifies data and link transmission speeds with real-time detection: 10MB and 100MB. Tester comes complete with two RJ45 patch cords, 9V battery and nylon carrying case with belt loop. One-vear manufacturer's warranty.

Mfg. Part No.	Description	Stock No.	Price Each
• 1576	Data/Link ID and Cable-Check	97H2964	69.99
terminations. Tests both d good connections, opens,	Cable-Check™ continuity tester for testing UT ata and telephone connection schemes, including j shorts and cross-connections. Features slow and fa d nylon carrying case with belt loop. One-year m	patch cords and inst ast scan speeds. Tes	alled cable, to identify ter includes two RJ45
• 1574	LAN Cable-Check	97H2963	34.99
(83199)			



Ultimate technician tool kit mfg. part no. 4932 is a complete tool kit for data, voice and video installation and maintenance. Includes all necessary cable preparation tools for Cat5, Cat 5e, Cat 6, and R66/R66 Quad. Contained in mfg. part no. 4923 ultimate tool bag, Mfg. part no. 4932 kit includes; KT 8 cutter, Data SureStrip<sup>®</sup> UTP/STP & flat cable cutter/stripper, LC CST CATV "F" coax stripper, SealTite<sup>®</sup> Pro compression and All-in-One crimpers, SurePunch<sup>®</sup> Pro Handle with, 110, 66, BIX, Krone LSA, Double 110 blades, SurePunch<sup>®</sup> Pro detachable light, LAN ProNavigato<sup>®</sup> coax network tester, telephone test est & LAN Cable-check<sup>™</sup>, can wrench, RJ45 adapter, untwist tool, CATV "F" flaring and attachment tool, (10) RJ22 handset plugs, (10) RJ11/12 plugs stranded flat, (10) RJ45 Cat5 plugs solid round, (10) CATV "F" R66/R66 quad compression connectors, (2) BNC-to-CATV adapters, ultimate tool bag, and plano plastic tackle box.



**Xcelite**<sup>®</sup>

**Xcelite<sup>®</sup>** 

#### **TOOL KITS**

#### ULTIMATE TECHNICIAN TOOL KIT (CONT.)

			Price Each
Mfg. Part No.	Description	Stock No.	1-5
• 4932	Ultimate Technician Tool Kit	29K8633	704.83
• 4923	Ultimate Tool Bag (Empty)	33K4396	75.03
(84706)			

#### **99 SERIES TOOL SERVICE KITS**



Xcelit

99MP

#### 99SM

99 series screwdrivers, nutdrivers, blades and handles are all interchangeable. Handles feature spring devices which hold blades firmly and permit quick, easy insertion.

Mfg. part no 99MP 39-piece multipurpose kit contains: regular screwdriver handle, Tee screwdriver handle, 1/4" magnetic nutdriver, 9 regular nutdrivers, 9 Allen hex screwdrivers, 9 Bristol multispline screwdrivers, 4 slotted screwdrivers, 3 Phillips screwdrivers, reamer and extension.

Mfg. part no 99PS-60 11-piece Bristol multiplespline socket screwdriver set. Contains handle, extension and 9 4" 6-flute Bristol blades: 0.048", 0.060", 0.069" (4-flute), 0.072", 0.076" (4-flute), 0.096", 0.111", 0.145", 0.183", clear plastic case.

Mg. part no 99 SM or 99SMX 23-piece kits each contain: regular screwdriver handle, stubby screwdriver handle, 9 regular nutdrivers, 3 stubby nutdrivers, 2 slotted screwdrivers, 2 Phillips screwdrivers, reamer, extension, long-nose 6" piers, 5" diagonal piers, 6" diautsable wench and wire stripper/cutter.

	······································					
Mfg. Part No.	Description	Stock No.	Price Each			
99MP	39-Pc. Multipurpose Service Kit	34F223	228.74			
99-PS-60	11-Pc. Bristol Multiple Spline Socket Screwdriver Set	34F340	53.14			
99 SM	23-Pc. Tool Set with Canvas Case	34F388	197.66			
99SMX	23-Pc. Tool Set with Hard Case	87F714	196.86			
(5725)						

#### **METRIC-SIZE HAND TOOL SETS**



99-PS-51MM

PS-121MM fg. part no. 4-13MM is a 10-piece set of metric-size, plastic-handle nutdrivers, size 4-8mm, 10mm, 11mm, 13mm. Mfg. part no. 4-13MM is a 10-piece set of metric-size, plasuc-nancie nui All have 31.35mm deep shaft hole. Sturdy molded plastic carrying case.

		Price Each	
Mfg. Part No.	Stock No.	1-4	
4-13MM	<u>34F189</u>	79.27	
Mfg. part no. 99PS-51MM is a 12-piece nutdriver set containing 1 regular handle; 1 extension; and 10 shafts, size 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm. In clear, hard plastic stand-up case.			
99-PS-51MM	35F209	77.69	
Mfg. part no. PS-121MM compact convertible nutdriver kit contains 10 plastic-handle shafts, sizes 3mm, 3.5mr 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 10mm. Also includes torque amplifier handle in clear, hard plast stand-up case.			
PS-121MM	34F624	57.16	
Mfg. part pag. OODS 41MM standard Allon® has	cooket and OODS A1MMPD ball	point Allon® hav apply to antain and	

regular handle, one extension and seven shafts. Sizes: 1.27mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm. In clear hard plastic stand-up case. ► CONTINUED ►

#### METRIC-SIZE HAND TOOL SETS (CONT.)

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
99PS-41MM	Standard Allen <sup>®</sup> Hex Socket Set	34F621	56.42
99PS-41MMBP	Ballpoint Allen <sup>®</sup> Hex Socket Set	34F622	70.19
(5741)			





Mfg. part no. 99SPC. 13-piece kit for making PC repairs features anti-static tools to protect chips from damage due to electrostatic discharge. Fits securely in a roll-up pouch. 99-SPC KIT CONTENTS

Туре		Description	
99-820 99-821 99-821 99-10XTD 99-15XTD 99-6 99-8 99-1 99-R1 99-R1 99-R1 99-F1 99-E1 99-X1 	(1) # (1) 9 (1) # (1) # (1) 7 (1) 7 (1) 7 (1) 7 (1) 7 (1) 7 (1) 0 (1) 0 (1) 0	0 Phillips 1 Phillips 1 Phillips 16 Torx <sup>®</sup> 15 Torx <sup>®</sup> 4" Nutdriver 4" Nutdriver Handle hip Extractor hip Extractor—Antistatic hip Extractor—Antistatic inyl Case	actor—Antistatic
			Price Each
Mfg. P	art No.	Stock No.	1-4
9!	9SPC	50F1845	55.53

#### **PROFESSIONAL TOOL KITS**

Carefully selected intermediate assortment of Xcelite<sup>®</sup> hand tools neatly organized in a high-impact, blow-molded plastic tool case. tool. Features durable neoluxe pouches and sturdy tool case tool: reactives durable rective procentes and softly elastic retainers that hold tools on pallets, so they are easy to locate and retrieve. Tool kits are available with either 57- or 35-pieces. Mrg. part no. TCMG150MT durable, double-skin blow-molded plastic tool case also available without tools; *order separately below.* Case dimensions: 4-3/4H x 17-3/4W x 12%/D.



**Mig. part no. TCMG150ST** 57-pc. tool kit includes: one 4" extension for Series 99<sup>®</sup> blades, 10 Allen hex screwdriver blades, 7 nutdriver blades, handle for Series 99<sup>®</sup> blades, ratchet tee handle for Series 99<sup>®</sup> blades, 10 Allen hex screwdriver blades, 7 nutdriver blades, 14" and 14" hollow shaft nutdrivers, 14" and 34" magnetic nutdrivers, 14" screwdriver soldering in, Metric/English measuring tap, 25W professional soldering iron, 120, 3-wire cord, electrician's knife, 6040, 0.73 oz. Rosin core solder, straight seizer with serrated jaws, 4" diagonal semi-flush cutter, 51% er center, 7" ones plier with side cutter, 7" ones plier with side cutter, 7" ones plier series of the se

Mg. part no. TCMG200ST 35-pc, tool kit includes everything in the 57-piece kit except a ½2" and ½2" nutdriver blade, ratchet tee handle for Series 99<sup>®</sup> blades, ½" and ½6" hollow shaft nutdriver, ¼" and ½6" magnetic nutdriver, ½6" screwdriver soldering itp, Metric/English measuring tape, 25W professional soldering iron, 120V, 3-wire cord, 60/40, 0.73 oz. Rosis roods solder, 5° utility ignition piler, 8" electrician's chain-nose piler, serrated jaw, Phillips and slotted ratchet handles, #1 Phillips round blade stubby screwdriver, offset reversible ratchet screwdriver handle, reversible blade screwdriver/nutdriver, round blade slotted screwdriver, square blade or slotted screwdrivers

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
TCMG150ST	57-Pc., 2-Pallet Tool Kit	98B6001	541.21
TCMG200ST	35-Pc., 1-Pallet Tool Kit	17C6643	369.26
TCMG150MT	Tool Case Only — No Tools	<u>17C6641</u>	164.99

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Indicates RoHS Compliant

**TWEEZER SETS** 

崖 Find Datasheets Online

DURATOOL

#### TOOL KITS • TWEEZERS

**PROFESSIONAL TOOL KITS FOR TECHNICIANS,** SERVICEMEN AND FIELD ENGINEERS



#### TCMB100/ST

- 86-Pc. Professional Tool Kits Contain 53 Popular Tools: Including pliers, cutters, wrenches, snips, screwdrivers and
- nutdrivers 31 Series 99® interchangeable screwdriver and nutdriver
- blades and handles Two specialized screwdriver and nutdriver kits
- 46-Pc. Professional Tool Kit Contains 23 Popular Tools:
  Including pliers, cutters, screwdrivers and nutdrivers
  Weller<sup>®</sup> WP25 25W soldering iron

- 24 Series 99<sup>®</sup> interchangeable screwdriver and nutdriver blades and handles
  Offset ratchet screwdriver set, measuring tape and solder

TC series attached tool cases are durable, charcoal-brown leather-grained Marvelon vinyl featuring solid brass hardware, padded handle, removable 3-panel hinged tool pallet in lid, plus anodized aluminum divider and additional tool pallet in bottom. TCMB series tool case is super-tough, black polyethylene with rich-looking black anodized aluminum hardware, removable 3-panel hinged tool pallet in lid and additional tool pallet in bottom. TCA series tool cases are high-tech aluminum with smooth finish featuring a keyless combination lock, chrome-plated lathes, tongue-and-groove lid with rubber gasket for a positive seal, removable tool pallet in lid and additional tool pallet in bottom. TCS series tool case is softsided, rugged Cordura<sup>®</sup> with dual heavy-duty zippers, leather wrapped handles and three outside storage pockets. three outside storage pockets

Mfg. Part No.	Description	Stock No.	Price Each
TCMB100/ST	86-Pc. Kit with Polyethylene Tool Case — 17¾" x 12½" x 5¾"	50F1839	919.15
TCA100/ST	86-Pc. Kit with Aluminum Tool Case — 17%" x 12%" x 7%"	50F1837	1135.42
TCA150/ST	46-Pc. Kit with Aluminum Tool Case — 175%" x 125%" x 534"	50F1838	898.87
TCS100/ST	86-Pc. Kit with Cordura <sup>®</sup> Tool Case — 17" x 12" x 3¼"	50F1842	865.75
TC-100/MT	Marvelon Tool Case Only — No Tools 18¾″ x 12½″ x 5⅔″	35F216	322.88
(5736)			

#### **E-Z PIK COLOR-CODED PRECISION** TWEEZERS AND TWEEZERS SET

E-Z Pik precision tweezers are manufactured from anti-E-2 rin precision weezers are manufactured norm and acid, anti-mapnetic stainless steel and feature a highly-durable, special color coating for high visibility and easy identification. Color coding helps user quickly find the tweezers needed by identifying the color only rather than style of tweezers. Available in six popular styles.



TCA100/ST

TCS100/ST

		1848	OEZF 6-Pc.	Set	
Mfg. Part No.	Description	Length (In.)	Color	Stock No.	Price Each
18013EZF	Style AA — Straight, Strong Precise Tips	5	Yellow	01N4764	5.75
18032EZF	Style 00 — Straight Thick Flat, Strong Tips	4.75	Red	01N4765	6.63
18049EZF	Style 2A — Tapered Straight Flat Tips	4.75	Black	01N4766	6.63
18056EZF	Style 3C — Straight Ultra Fine Tips	4.25	Light Blue	01N4767	6.63
18062EZF	Style 5 — Tapered Ultra Fine Tips	4.25	Green	01N4768	5.75
18072EZF	Style 7 — Curved Fine Tips	4.5	Orange	01N4769	6.63

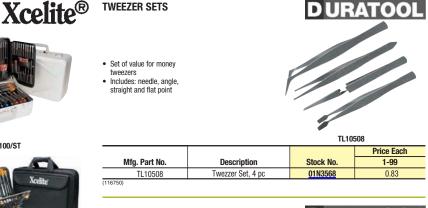
6-PC. E-Z PIK PRECISION TWEEZERS SET WITH PROTECTIVE POUCH

Set includes one each of the following tweezers: style AA yellow, style 00 red, style 2A black, style 3C light blue, style 5 green, style 7 orange, and a handy protective storage pouch. 18480EZF 6-Pc. E-Z Pik Precision Tweezers Set 01N4770 32.92 (116782

8

## **Current Order Status & History**

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#### PRECISION INDUSTRIAL TWEEZERS

## **DURATOO**



Quality manufactured, economically priced Anti-magnetic stainless steel (SA)

Wide choice of shapes for a large variety of industrial applications

	Model		Le	ngth		Price Each
Mfg. Part No.	No.	Description	(in.)	(mm)	Stock No.	1-49
D00334	00 SA	Flat Edges, Thick	43⁄4	120	34M5820	13.12
D00335	1 SA	Accurate, Strong Tips	43⁄4	120	34M5821	13.12
D00336	2 SA	Flat, Sharp Fine Tips	43⁄4	120	34M5822	13.12
D00337	2A SA	Flat, Round Tips	43/4	120	34M5823	13.12
D00338	3 SA	Very Sharp Tips	43⁄4	120	34M5824	13.12
D00339	3C SA	Very Sharp Tips, Superior Finish	41/4	110	34M5825	13.12
D00340	4 SA	Fine Tips	41/4	110	34M5826	14.52
D00341	5 SA	Extra Fine Tips	41/2	115	34M5827	14.52
D00342	5A SA	Extra Fine Tips	41/2	115	34M5828	14.52
D00343	7 SA	Fine Curved Tips	41/2	115	34M5829	14.52
D00344	7A SA	Fine Strong Curved Tips	41/2	115	34M5830	14.52
D00345	AA SA	Strong Tips for General Use	5	130	34M5831	10.05
D00346	AC SA	Strong Tips, Serrated Grips	41/4	110	34M5832	14.80
D00347	MM SA	Strong Fine Tips for General Use	5	130	34M5833	10.05
D00348	SS SA	Extra Fine Super Slim	51/2	140	34M5834	13.12

PRECISION TWEEZERS

# **Erem**<sup>®</sup>

EROP2ASA

EROP5ASA





ER0P3SA



EROPSSSA

 Stainless steel Anti-magnetic

	Length				
Mfg. Part No.	Description	(In.)	Stock No.	1-4	
ER0P2ASA	Tweezer, Large Flat Round Straight Tips	4.75	48F2389	3.84	
ER0P3CSA	Tweezer, Ultra-Fine Straight Points	4.25	48F2390	3.84	
ER0P3SA	Tweezer, Ultra-Fine Straight Points	4.75	48F2391	3.84	
ER0P5ASA	Tweezer, 10° Offset Micro-Fine Straight Points	4.50	48F2393	3.84	
ER0P5SA	Tweezer, Micro-Fine Straight Points	4.50	48F2394	3.84	
ER0P7SA	Tweezer, Micro-Fine Curved Points	4.50	48F2395	3.84	
EROPAASA	Tweezer, Medium Straight Points	5.00	48F2396	3.84	
EROPSSSA	Tweezer, Ultra-Fine Straight Points	5.50	48F2399	3.84	



Go online or call for non-compliant or RoHS compliant products. See page 3

# AVEN



Mfg. Part No.	Description	Tip Size (In.)	Stock No.	Price Each				
2A-SA-PI-ET**	Flat Round	n/a	95H8446	16.72				
2A-SA-ET***	Flat Round	.0591 x .0078	95H8443	29.10				



#### HAND TOOLS & ACCESSORIES

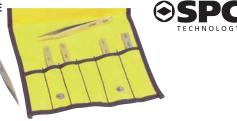
#### **TWEEZERS**

#### ERGONOMIC TWEEZERS (CONT.)

Mfg. Part No.	Description	Tip Size (In.)	Stock No.	Price Each		
3C-SA-PI-ET**	Straight	n/a	95H8706	16.72		
3C-SA-ET***	Straight	.0066 x .0039	95H8703	29.68		
5-SA-PI-ET**	Ultra Fine Precision	n/a	95H9001	18.16		
5-SA-ET***	Ultra Fine Precision	.0039 x .0024	95H8998	34.57		
7-SA-PI-ET**	Curved	n/a	95H9331	18.32		
7-SA-ET***	Curved	.006 x .0039	95H9328	32.37		
00-SA-PI-ET**	Strong Fine	n/a	95H8133	16.72		
00-SA-ET***	Strong Fine	.0177 x .0098	<u>95H8130</u>	28.81		

\*\* (2) Star Quality; \*\*\* (3) Star Quality (79340)

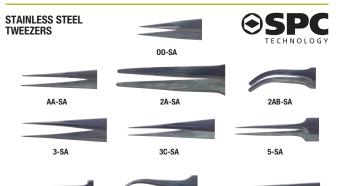
#### **GENERAL-PURPOSE TWEEZER SETS**



1385 Mg. part no. 1385 kit includes: 7" curved solder utility, 6" blunt tip with serrated points, 4½" solder utility with sharp points, 7" wide point with lock, 7" wide point cross locking, and 7" solder utility straight tweezers. Mg. part no. 1386 includes: 4¼" curved with serrated tips, 4¼" smooth spade tip, 4¼" wide point with serrated tips, 4¼" indented shank with smooth tips, and 4¼" solder utility with sharp points tweezers. Mg. part no. 1387 includes: 5" precise tip, 4¼" fine straight precision point, 4¼" straight precision tip, 4¼" curved tip, 4¾" fine straight point with interior tip and finger serration tweezers.

Mfg. Part No.	Description	Stock No.	Price Each
1385	6-Piece General-Use Tweezer Set	92N3666	49.35
1386	5-Piece Stainless Steel Tweezer Set	92N3667	34.70
1387	6-Piece Electrical Tweezer Set	92N3668	56.51

(19129)



8

5B-SA 7-SA SS-SA Good balance, fine points and light tension make these tweezers ideal for semiconductor electronics and computer/ microelectronics. Antiacid, antimagnetic stainless steel. Precision tweezers also have anti-glaze finish.

				Price Each
Mfg. Part No.	Description	Style	Stock No.	1-9
1358	5" Economy Stainless Steel	AA-SA	92N3639	7.86
1359	41/2" Economy Stainless Steel	9.14		
1364	41/4" Economy Stainless Steel	5B-SA	92N3645	7.86
1340	4 <sup>3</sup> / <sub>4</sub> Deluxe Stainless Steel	00-SA	92N3621	9.44
1343	4¾ Deluxe Stainless Steel	2A-SA	92N3624	8.81
1344	4 <sup>3</sup> / <sub>4</sub> Deluxe Stainless Steel	2AB-SA	92N3625	8.42
1345	4 <sup>3</sup> / <sub>4</sub> Deluxe Stainless Steel	3-SA	92N3626	8.95
1346	4% Deluxe Stainless Steel	3C-SA	92N3627	8.98
1347	4% Deluxe Stainless Steel	5-SA	92N3628	8.98
1348	4% Deluxe Stainless Steel	5B-SA	92N3629	9.92
1349	4% Deluxe Stainless Steel	7S-SA	92N3630	9.35
1350	4 <sup>3</sup> / <sub>4</sub> Deluxe Stainless Steel	SS-SA	92N3631	8.61
(19130)				

#### 5-PC. PRECISION INDUSTRIAL TWEEZERS SET

Indicates RoHS Compliant

- Five most used precision tweezers
  Anti-magnetic stainless steel (SA)
- Supplied in a protective plastic case



Model No.	Description	Length	(in. / mm)			
00 SA	Tweezers with Flat, Strong Tips	43/4	/ 120			
2A SA	Tweezers with Flat, Rounded Tips	43/4	/ 120			
3C SA	Tweezers with Very Sharp Tips	41/4	/ 110			
5 SA	Tweezers with Very Fine Tips	41/4	41/4 / 110			
7 SA	Tweezers with Fine, Bent Tips	41/4	41⁄4 / 110			
			Price Each			
Mfg. Part No.	Description	Stock No.	1-24			
D00349	5-Pc. Precision Industrial Tweezers Set	34M5835	56.37			

#### **STAINLESS STEEL FORCEPS**



SPC4790

The most versatile tool. Use as clamps, heat sinks, and third hands while soldering. Has a 3-position locking device. Serrated jaws. Plastic coated handles.

Mfg. Part No.	Length	Tip	Stock No.	Price Each
SPC4788	5″	Straight	50N040	8.57
SPC4790	6″	Straight	50N042	10.36
SPC4789	5″	Curved	50N041	8.57
SPC4791	6″	Curved	50N043	10.71
(2974)				

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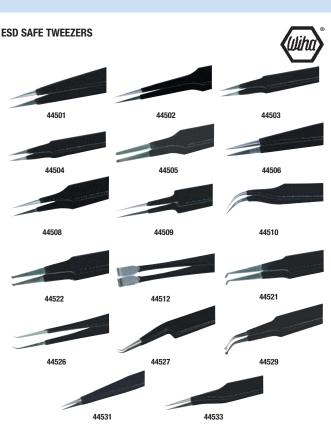
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HAND TOOLS & ACCESSORIES



Antistatic conductive, ESD-safe hypo-allergenic tweezers. Special stainless steel, anti-magnetic and acid-resistant.

Mfg. Part No.	Description	Stock No.	Price Each
44501	Universal Fine Point AA SA IND—130mm	28C1832	19.91
44502	Sturdy Long, Fine Round Points GG SA IND—130mm	28C1833	26.14
44503	Long Narrow Body, Low Force SS SA IND—135mm	28C1834	25.36
44504	Reduced Body to Medium Point 2 SA IND—120mm	28C1835	23.79
44505	Flat Round Tips, Smooth Sides 2a SA IND—120mm	28C1836	24.97
44506	Fine Round Points for Assembly 3 SA IND—120mm	28C1837	25.36
44508	Very Fine Points/Tapered to Tip 4 SA IND—110mm	28C1839	26.14
44509	Extra-Fine Points/Tapered to Tip 5 SA IND—110mm	28C1840	26.14
44510	Curved Extra-Fine Rounded Tips 7a SA IND—120mm	28C1841	32.77
44512	Holds 1.5 - 3mm Diameter 51 SA IND—120mm	28C1843	26.33
44521	MicroTip 45° Hook - 1 x 1 x 2mm 12SA-SMD IND—120mm	28C1849	31.85
44522	MicroTip for Chips Angled - 1.6 x 1 x 1mm 13 SA IND—120mm	28C1850	31.85
44525	Curved Extra Fine 3mm Long Straight Tip 7abb SA IND—120mm	93C9901	39.21
44526	Narrow Body, Low Force, Bent 35° - 3mm Tip SSbb SA IND—140mm	28C1853	32.21
44527	Angled Extra-Fine Points Bent 30° w/3mm Long Tips 5abb SA IND—117mm	28C1854	33.21
44529	MicroTip Bent 30°, 1mm Wide 0.5mm Slot 8b SA IND—120mm	28C1856	34.73
44531	ESD-Safe, General-Purpose Fine Point 1 SA IND—120mm	28C1858	26.14
44533	Angled and Slightly Bent w/Extra-Fine Tips 7 SA IND-120mm	28C1860	32.21



(148829

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PTX-KIT1 PTX-KIT1DH PTX-1 PTX-1BF Mfg. part no. PTX-KIT1 kit includes tool, battery charger and two NiMH batteries. Mfg. part no. PTXKIT1DH includes all mfg. part no. PTX-KIT1 kits content plus mfg. part no. DFB224 wrap/unwrap bit set and Cordura tool pouch. Individual tools and accessories available separately; go online or call.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
PTX-KIT1	Battery-Operated Wrap/Unwrap Tool Kit (Tool, Charger and 2 NiMH Batteries)	<u>04M4596</u>	371.07
PTX-KIT1DH	Battery-Operated Wrap/Unwrap Tool Kit (Tool, Charger, 2 NiMH Batteries, Bit and Sleeve Set and Tool Pouch)	<u>04M4597</u>	548.70
<ul> <li>PTX-1</li> </ul>	115V Electric-Powered Wrap/Unwrap Tool	04M4598	305.33
PTX-1BF	115V Electric-Powered Wrap/Unwrap Tool with Backforce	96C2377	315.74
(68028)			

#### **DUAL-FUNCTION WRAP/ UNWRAP BIT AND SLEEVE SETS**

- Combines both wrap and unwrap functions into 1 bit
- sleeve set Eliminates the need to carry
- extra tools or bits
- Wraps or unwraps 22-24 AWG or 24-26 AWG wire
  Used with **PTX series** tools



#### DFB224

The bit is precision-machined for high-quality wrapping in the clockwise direction, but also includes the removal mechanism that is used to unwrap when operated counter-clockwise.

			Price Each
Mfg. Part No.	Description	Stock No.	1-4
DFB224	Wrap/Unwrap Bit and Sleeve Set, 22-24 AWG	30C2716	133.46
DFB2426	Wrap/Unwrap Bit and Sleeve Set, 24-26 AWG	30C2717	133.46
(68029)			





G200/R3278

G100/R3278INS

G100/R3278

G100/R3278 offers durability with rugged aluminum construction
 G100/R3278INS provides 1000V of dielectric strength across most of the aluminum housing

- G200/R3278 Lexan housing is lightweight and lower cost G200/R3278FL insulated model with LED flashlight

These tools are designed to make full use of bits and sleeves accommodating wire sizes 18 - 32 AWG for wire wrapping applications

		Price Each
Description	Stock No.	1-4
Aluminum	10F7585	157.20
Aluminum (Insulated)	96C0343	193.31
Wire Wrapping Gun with LED Flashlight	71K4495	172.52
Lexan™	10F7586	145.23
	Aluminum Aluminum (Insulated) Wire Wrapping Gun with LED Flashlight	Aluminum         10F7585           Aluminum (Insulated)         96C0343           Wire Wrapping Gun with LED Flashlight         71K4495



G100/R3278FI



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Eind Datasheets Online

#### WIRE WRAPS

WIRE-WRAPPING BITS AND SLEEVES





3" BITS

			Dimensions (in.)				Pri	cet	Lacn		
		Insul.	Tern	ninal		ninal Jonal				Τ	
Mfg. Part No.	AWG	Dia.	Dia.	Depth	Min.	Max.	Stor	ck No.	1-4		5-9
KB18	18		0.075	1	0.06	0.073	<u>41</u> E	<u>35400</u>	94.6	8	91.01
• KB22	22		0.075	0.75	0.054	0.073	<u>10</u> F	7512	61.9	0	59.50
KB224-1	24-22		0.075	1	0.054	0.073	<u>41</u> E	<u>35408</u>	61.9	0	59.50
• KB224	24-22		0.075	0.807	0.054	0.073	<u>10</u> F	7513	61.9	0	59.50
• KB24	24		0.075	0.75	0.055	0.074	<u>10</u> F	7514	61.9	0	59.50
WB2426M	26-24	0.046	0.075	0.75	0.054	0.073	<u>41</u> E	<u> 86162</u>	65.5	5	63.01
KB26	26		0.075	1	0.058	0.073	<u>10</u> F	7515	61.9	0	59.50
WB28SHM	28	0.030	0.036	0.75	0.031	0.035	<u>10</u> F	7517	65.5	5	63.01
SB30MSH-B	30	0.027	0.036	0.75	0.031	0.035	<u>10</u> F	7518	72.8	2	70.00
WB3032M	32-30	0.030	0.04	0.75	0.034	0.038	52F	1331	65.5	5	63.01
5″ BITS											
• KB22-5	22		0.075	0.75	0.054	0.073	41E	35405	91.3	5	87.81
• KB24-5	24		0.075	0.75	0.055	0.073	<u>52</u> F	1354	91.3	5	87.81
3" SLEEVES											
			Use Wi	th					F	rice	e Each
Mfg Dart No			Dit No			I	AWC	Stook	No 1	4	5.0

	Use with			11100	Luon
Mfg. Part No.	Bit No.	AWG	Stock No.	1-4	5-9
P2224	Bit No. KB2075, KB22, KB224-1, KB224, WB2426M,	26-20	10F7519	26.85	25.81
P2426	Bit No. KB24, KB26	26-24	10F7520	26.85	25.81
P3032	Bit No. WB28SHM, SB30MSH-B, WB3032M	32-28	10F7522	48.07	46.21
5" SLEEVES					
P2224-5	Bit No. KB22-5	22	41B5628	45.26	43.50
P2426-5	Bit No. KB24-5, KB26-5	26-24	41B5629	45.26	43.50
(5874)					

HAND WRAPPING, STRIPPING AND UNWRAPPING TOOLS



WSU-2224, WSU-30M, WSU-30

				Price Each
	Mfg. Part No.	Use With	Stock No.	1-4
	WSU-2224	22-24 AWG on Standard 0.03 x 0.06" and 0.045" Sq. Posts	10F7534	59.00
	WSU-24M	Modified Wrap for 24 AWG on 0.045" Sq. Posts	50B6108	59.00
	WSU-26M	Modified Wrap for 26 AWG on 0.045" Sq. Posts	70B5873	59.00
	WSU-30M	Modified Wrap for 30 AWG on 0.025" Sq. Posts	10F7535	41.09
	WSU-30	Regular Wrap for 30 AWG on 0.025" Sq. Posts	10F7536	41.09
-	WSU-30M	Modified Wrap for 30 AWG on 0.025" Sq. Posts	10F7535	41.09



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OK Industries

- 50 pieces per package
   Kynar™ insulated
   Silver plated copper conductor
   UL listed
   1" of stripped wire on either end

Drigo Egob



30 AWG (0.25mm) Pre-Cut/Pre-Stripped Wire 50 Pieces/Pkg.							
Insulation	Blue		White		Price per Pkg.		
Length	Mfg. Part No.	Stock No.	Mfg. Part No.	Stock No.	1-4		
1.0″	30B-50-010	50B6129	30-W-50-010	96B9607	8.55		
2.0″	30-B-50-020	97B2946	30-W-50-020	50B6126	8.55		
3.0″	30-B-50-030	20C0015	30-W-50-030	96B9605	9.45		
5.0″	30-B-50-050	2000022	30-W-50-050	96B9444	9.45		
Insulation	Yellow	i	Red		Price per Pkg.		
Length	Mfg. Part No.	Red	Mfg. Part No.	Stock No.	1-4		
1.0″	30-Y-50-010	97B2943	30-R-50-010	97B2945	8.55		
2.0″	30-Y-50-020	20C0026	30-R-50-020	11C1942	8.55		
3.0″	30-Y-50-030	20C0028	30-R-50-030	50B6124	9.45		
5.0″	30-Y-50-050	20C0031	30-R-50-050	2000032	9.45		

HAND WRAPPING/ **UNWRAPPING TOOLS** 

5.0' (5920





**OK Industries** 

Fig. 3

One tool does the work of two. Switch from wire wrapping to unwrapping in only seconds by changing cap from one end to the other. Compact, convenient tools for use where occasional wraps are required.

		Wrap (in.)		Unwra	p (in.)		Price Each	
Mfg. Part No.	AWG	Diameter	Terminal Depth	Diameter	Terminal Depth	Stock No.	1-4	
<ul> <li>HW-UW-20</li> </ul>	20	0.075	1	0.07	1	10F7524	105.91	
HW-UW-224	24-22	0.075	0.807	0.07	1	10F7525	105.91	
HW-UW-224-1	24-22	0.075	1	0.07	1	41B5364	105.91	
HW-UW-2426	26-23	0.075	0.75	0.07	1	41B5373	105.91	
HW-UW-26	26	0.075	1	0.07	1	10F7526	105.91	
MODIFIED WRAPPING TYPE								
HW-UW-26SM	26	0.04	0.75	0.038	1	10F7527	121.93	
HW-UW-2829M	29-28	0.04	0.075	0.038	1	18C3951	121.93	
HW-UW-30	30	0.036	0.75	0.038	1	10F7528	121.93	
(5921)								

#### HAND UNWRAPPING TOOLS



Use to easily remove solderless wrapped connections.

						Price Each
Mfg. Part No.	AWG	Fig.	Hand	Terminal Diameter x Depth	Stock No.	1-4
UW-1	20-26	1	Left	0.070 x 1.000"	10F7660	36.42
UW-2	20-26	3	Left, Right	0.070 x 1.000"	10F7661	40.78
UW-4	20-26	2	Left	0.070 x 2.360"	10F7662	46.82
UW5	20-26	2	Left, Right	0.070 x 2.360"	41B6139	42.83
UW-093R	24-32	1	Left	0.038 x 1.000"	10F7664	36.42
UWD-93-93	24-32	3	Left, Right	0.038 x 1.000"	10F7665	36.42
(5877)						



#### HAND TOOLS & ACCESSORIES

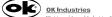
#### WIRE WRAPS • TOOLS AND ACCESSORIES

#### KYNAR<sup>®</sup> INSULATED COPPER CONDUCTOR WIRE WRAPPING WIRE ROLLS

Kynar<sup>®</sup> Insulated, Silver Plated Copper Conductor Ideally suited for wire wrapping and many other applications. OFHC (oxygen free high conductivity) provides a flexible yet abrasion resistant wire







DURATOOL

URATOO

Price 1-999

4 99

Insulation Price Wire Size Dia Roll Size Blue Yellov White Black Red per Roll AWG mm In. mm Ft. Meters Mfg. Part No. Stk. No. Mfg. Part No. Stk. No. Mfg. Part No. Stk. No Mfg. Part No. Stk. No. Mfg. Part No. Stk. No 1-4 • R24W-0100 • R24BLK-0100 0.50 0.030 0.76 100 30.4 R24B-0100 50B6096 50B6099 24.64 24 R24Y-0100 50B6098 41B5675 R24R-0100 50B6097 26 0.40 0.027 0.69 100 30.4 18.61 • R26B-0100 10F7613 R26Y-0100 36K2972 R26W0100 98F5999 • R26BLK-0100 50B6100 28 0.32 0.024 0.60 100 30.4 R28B-0100 <u>10F7607</u> R28Y-0100 10F7610 • R28W-0100 92B9398 R28R0100 52F1332 16.13 10F7570 0.25 0.0195 100 30.4 10F7567 10F7601 50B6101 14.41 30 0.50 R30B-0100 R30Y-0100 R30W-0100 R30BLK-0100 • R30R-0100 10F7604 30 0.25 0.0195 0.50 1000 304.4 R30B-1000 10F7569 R30Y-1000 10F7603 • R30W-1000 10F7600 • R30BLK-1000 52F1333 73.66

KSW Wire Wrapping Wire Rolls for Cut/Strip/Wrap Applications Low strip force Kynar<sup>®</sup> insulated wire is ideally suited for wire wrapping and many other applications. OFHC (oxygen free high conductivity) provides a flexible yet abrasion resistant wire, which is further processed to provide a low strip force

when removing	the insu	lation.
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Wire	Size	Insula <sup>.</sup> Dia		Rol	I Size	Blue		Yellow		White		Black		Red		Price per Roll
AWG	mm	In.	mm	Ft.	Meters	Mfg. Part No.	Stk. No.	Mfg. Part No.	Stk. No.	Mfg. Part No.	Stk. No.	Mfg. Part No.	Stk. No.	Mfg. Part No.	Stk. No.	1-4
24	0.50	0.030	0.76	100	30.4	KSW24B0100	87F6009	KSW24Y0100	87F6012	KSW24W0100	87F6015	KSW24BLK-0100	94B1276	KSW24R-0100	94B1279	32.80
26	0.40	0.027	0.69	100	30.4	KSW26B0100	87F6004	KSW26Y0100	87F6007	KSW26W0100	87F6017	KSW26BLK-0100	50B6090	KSW26R-0100	50B6091	22.58
30	0.25	0.0195	0.50	100	30.4	KSW30B0100	87F6374	KSW30Y0100	87F6377	KSW30W0100	87F6380	KSW-30-BLK-0100	50B6089	KSW30R-0100	51B676	27.42
30	0.25	0.0195	0.50	1000	304.4	KSW30B1000	87F6376			KSW30W1000	87F6381	KSW30BLK1000	98F2553	KSW30R1000	98F2554	110.20

#### HAND WRAPPING TOOLS



HW-224 to HW26 \*HW30

Compact, convenient for use where occasional wraps are required and where power wrapping tools are not practical. A complete line of hand wrapping tools are available; go online or call. **REGULAR WRAPPING TYPE** 

RoHS

					Price Each
Mfg. Part No.	AWG	Terminal Dia. (In.)	Terminal Depth (In.)	Stock No.	1-4
• HW-224	24-22	0.075	0.807	10F7655	87.39
<ul> <li>HW-224LH</li> </ul>	24-22	0.086	1	10F7656	87.39
<ul> <li>HW-26</li> </ul>	26	0.075	1	10F7657	87.39
MODIFIED WRAPPING TYPE					
HW-30*	30	0.036	0.75	10F7659	90.51
(5830)					

#### HAND-OPERATED WRAPPING TOOL



fg. part no. 28000AC1 is for telephone installers, electronic technicians, and servicemen. Strong, lightweight plastic housing. Universal collet handles all wrapping bits and sleeves. Ten revolutions of wrapping per squeeze. Precision construction, heat treated gearing, adjustable pivot, and ball-bearing mechanism. Right-hand rotation. For 22 to 32 AWG wire. Bits and sleeves are available; *go online or call.* 

		Price Each
Mfg. Part No.	Stock No.	1-4
28000AC1	44F1795	173.31
(5884)		

#### **12-PIECE SDS DRILL AND** CHISEL SET

#### Features: Heavy-duty set for drilling through concrete and masonry Includes:10" spear-hear chisel,

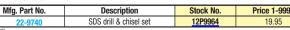
screwdriver tip chisel and U tip chisel, SDS drills: 5mm x 4 1/4", 6mm x 4



(136236

(148840)

Wire-Wrap<sup>®</sup>



D

Just Added

#### 20 PIECE MICRO HSS TITANIUM TWIST DRILL **Just Added** BIT SET Features: Titanium-coated drill bits



## Expert technical support

Chat online to our team of engineers, or connect to them through your representative.

