



Tools and Totes



Engineered to strip every wire right

Kinetic™ Reflex™ T®-Stripper Wire Stripper

The newest model from IDEAL. Ergonomic handles and Santoprene® lined Thumb-Valley™ make this the premier wire stripper in the market.



Kinetic Super™ Wire Stripper

The ergonomic design and patented Santoprene® grip wicks away perspiration and reduces muscle fatigue. The Thumb-Valley™ guide and precision stripping holes promote the highest accuracy in the industry.



Reflex™ Super T®-Stripper Wire Stripper

Reduce wrist fatigue with our ergonomically designed Reflex™ Super T®-Stripper Wire Stripper with curved handles. These strippers feature 6/32 and 8/32 self-chasing, bolt-cutting holes and a locking pawl for safe storage.



Reflex™ Premium T®-Stripper Wire Stripper

Designed for total-comfort, total-control wire stripping. Ergonomic handles, designed to fit an electrician's natural grip, reduce repetitive motion fatigue. Textured, no-slip sleeves cushion thumb and finger.



Super T®-Stripper Wire Stripper

Traditional T®-Stripper Wire Stripper features with the added convenience of bolt-cutting holes. Curved comfort-grip handles accommodate high-volume wire stripping. A locking pawl makes for easy storage and transport.



Premium T®-Stripper Wire Stripper

The great benefits of the T®-Stripper Wire Stripper with added convenience and comfort. Unique contoured grips provide more comfortable wire stripping and reduce operator fatigue. Perfect for a wide variety of applications.



T®-Stripper Wire Stripper

The industry standard for almost 50 years. Compact, lightweight and easy to use. Features precision-ground, knife-type blades, built-in looping holes, wire cutters and a convenient plier nose.

T®-Stripper Wire Stripper Selection Guide

Wire Size	Solid	Stranded	Solid	Stranded	Solid	Stranded	Solid	Stranded	Solid	Stranded
	30	32	24	26	18	20	16	18	14	16
28	30	22	24	16	18	14	16	12	14	
26	28	20	22	14	16	12	14	1	12	
24	26	18	20	12	14	10	12	8	10	
22	24	16	18	10	12	8	10	6	8	
		14	16							
Series										
45-100's	45-125		45-121		45-120		—		45-124	
45-200's	45-217		45-216		45-215		—		45-218	
45-300's	45-317		45-316		—		45-315		45-318	
45-400's	45-417		45-416		45-415		—		45-418	
45-600's	45-617		45-616		—		45-615		45-618	
45-700's	45-714		45-716		45-715		—		45-718	
45-900's	—		—		45-915		—		45-918	

Kinetic™ Super Wire Strippers



- Non-slip Santoprene™ textured grips
- New ergonomic design for maximum control
- Plier nose for holding and twisting wires
- Slide lock for safety and storage
- Thumb and finger valley makes stripping easier and more accurate
- “Shear-Cut™” bolt cutters

Description	Solid	Stranded	Cat. No.
Kinetic Super™ Wire Stripper	10-18	12-20	45-715
Kinetic Super™ Wire Stripper	14-24	16-26	45-716
Kinetic Super™ Wire Stripper	6-14	8-16	45-718

Reflex™ Premium T®-Stripper Wire Strippers



- Ergonomic design for maximum comfort
- Curved handles to reduce wrist fatigue
- Sleeves that extend to stripping head to cushion thumb and fingers
- Textured, no-slip sleeves for a sure, easy grip

Description	Solid	Stranded	Cat. No.
Reflex™ Premium T®-Stripper	10-18	12-20	45-415
Reflex™ Premium T®-Stripper	14-24	16-26	45-416
Reflex™ Premium T®-Stripper	22-30	24-32	45-417
Reflex™ Premium T®-Stripper	6-14	8-16	45-418
Reflex™ Premium T®-Stripper – Metric	0.5mm ² -4.0mm ²		45-425-341
Reflex™ Premium 14/2 NM Cable T®-Stripper	14/2		45-448
Reflex™ Premium 12/2 NM Cable T®-Stripper	12/2		45-449
Reflex™ Premium T®-Cutter	Cutter		45-423

Kinetic™ Reflex™ T®-Stripper Wire Strippers



- Non-slip Santoprene™ textured grips
- New ergonomic design for maximum control

Description	Solid	Stranded	Cat. No.
Kinetic™ Reflex™ T®-Stripper Wire Stripper	10-18	12-20	45-915
Kinetic™ Reflex™ T®-Stripper Wire Stripper	6-14	8-16	45-918

Reflex™ Super T®-Stripper Wire Strippers



- 6/32 and 8/32 self-chasing screw-cutting holes
- Locking pawl for safe storage
- Ergonomic design for maximum comfort
- Curved handles to reduce wrist fatigue
- Sleeves that extend to stripping head to cushion thumb and fingers
- Textured sleeves with extra cushioning for added comfort

Description	Solid	Stranded	Cat. No.
Reflex™ Super T®-Stripper	8-16	10-18	45-615
Reflex™ Super T®-Stripper w/static dissipative grips	14-24	16-26	45-616
Reflex™ Super T®-Stripper w/static dissipative grips	22-30	24-32	45-617
Reflex™ Super T®-Stripper	8-14	8-16	45-618
Reflex™ Super 12/2 & 14/2 NM Cable T®-Stripper	12-2 and 14-2	—	45-621

Super T[®]-Stripper Wire Strippers



- 6-32 and 8-32 self-chasing screw-cutting holes (not available on metric stripper)
- Curved, cushion-grip handles for ergonomic comfort
- Locking pawl to keep stripper in closed position

Description	Solid	Stranded	Cat. No.
Super T [®] -5 T [®] -Stripper	8-16	10-18	45-315
Super T [®] -8 T [®] -Stripper	6-14	8-16	45-318
Super T [®] -Stripper – Metric	0.5-4mm ²		45-310-341
Super T [®] -Stripper – Metric	0.75-6mm ²		45-315-341
Super T [®] -Stripper – Metric	0.5-4mm ²		45-317-341

NM Cable T[®]-Stripper Wire Strippers



- Easy, one-step stripping of outer jacket of NM cable – no slitting required
- Versatility to strip, cut and loop conductor wires with precision and ease
- Stripping holes for 12 or 14 AWG solid wire

Description	Cat. No.
14/2 NM Cable T [®] -Stripper	45-248
12/2 NM Cable T [®] -Stripper	45-249
Reflex™ Super 12/2 & 14/2 NM Cable T [®] -Stripper	45-621

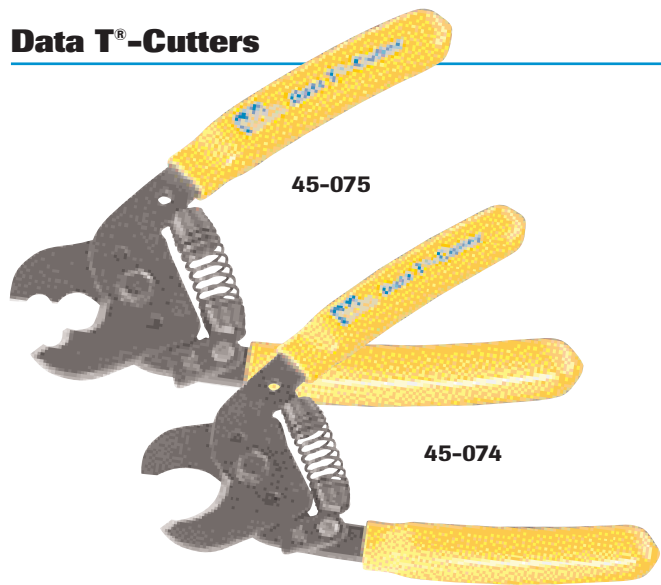
Super T[®]-Stripper Wire Strippers—Static Dissipative



- Static dissipative grips for dispersing static charge buildup through the operator to the ground (operator must be grounded via wrist strap or other grounding device)

Description	Solid	Stranded	Cat. No.
Super T [®] -6 T [®] -Stripper w/static dissipative grips	14-24	16-26	45-316
Super T [®] -7 T [®] -Stripper w/static dissipative grips	22-30	24-32	45-317

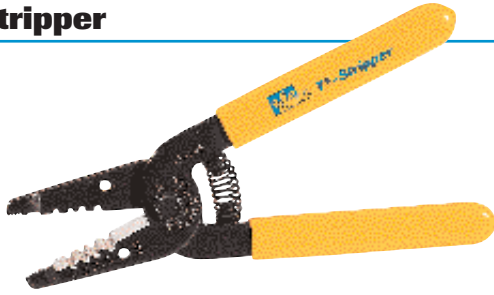
Data T[®]-Cutters



- Cuts round communication cable and maintains cable geometry for better cable performance
- Cuts multi-pair cable up to .500 in. (12.7mm) and coaxial cable up to RG-9/U
- Suitable for soft cables (not ACSR)
- Steel reinforced center conductors can be trimmed with bolt cutting holes
- Cushioned comfort grip handles
- Locking latch keeps tool closed in pouch
- Data T[®]-Cutter II designed for RG-58 and RG-6 coaxial cable

Description	Cat. No.
Data T [®] -Cutter	45-074
Data T [®] -Cutter II	45-075

NM Cable Dual-Hole T[®]-Stripper Wire Stripper



- Stripping holes for stripping two 12 AWG or two 14 AWG wires simultaneously
- Ability to strip both conductor wires of NM cable at one time
- Contoured, comfort grip handles on Premium model

Description	Wire Range	Cat. No.
Premium T [®] -14 T [®] -Stripper	12 or 14 AWG solid	45-247

T[®]-Stripper Wire Strippers



- Form-ground, knife-type blades for accurate, easy stripping without nicking insulation
- Built-in wire cutter and looping holes
- Convenient plier nose for extra gripping strength
- Laser-etched wire gauge for easy-to-read visibility
- Spring-loaded automatic opening
- Corrosion-resistant, black oxide finish
- Tough steel construction
- Locking tabs keep spring in place

Description	Solid	Stranded	Cat. No.
T [®] -5 T [®] -Stripper	10-18	12-20	45-120
T [®] -6 T [®] -Stripper	14-24	16-26	45-121
T [®] -7 T [®] -Stripper	22-30	24-32	45-125
T [®] -8 T [®] -Stripper	6-14	8-16	45-124
T [®] -Stripper – Metric	0.75-6mm ²		45-120-341
T [®] -Stripper – Metric	0.5-4mm ²		45-125-341

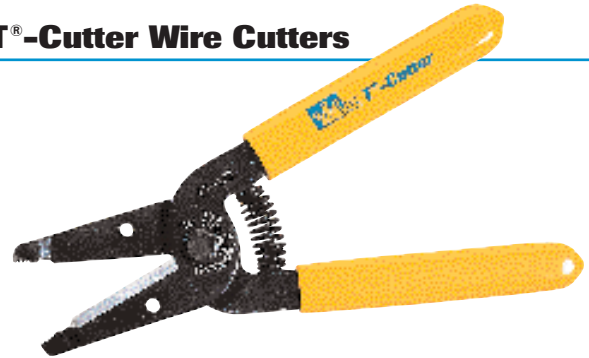
Premium T[®]-Stripper Wire Strippers



- Contoured, comfort-grip handles to reduce operator fatigue

Description	Solid	Stranded	Cat. No.
Premium T [®] -5 T [®] -Stripper	10-18	12-20	45-215
Premium T [®] -6 T [®] -Stripper	14-24	16-26	45-216
Premium T [®] -7 T [®] -Stripper	22-30	24-32	45-217
Premium T [®] -8 T [®] -Stripper	6-14	8-16	45-218

T[®]-Cutter Wire Cutters



- Hardened steel, shear-type blades
- Spring-loaded automatic opening
- Convenient plier nose for extra gripping strength
- Corrosion-resistant, black oxide finish
- Tough steel construction
- Locking tab keeps spring in place
- Premium model features comfort-grip handles; Super model features curved cushion-grip handles; Reflex™ Premium model features ergonomic design with textured cushion-grip handles

Description	Wire Range	Cat. No.
T [®] -Cutter	Up to 1/2 in. O.D. fine-stranded wire and 10 AWG solid wire	45-123
Premium T [®] -Cutter	Up to 1/2 in. O.D. fine-stranded wire and 10 AWG solid wire	45-223
Super T [®] -Cutter w/static dissipative grips	Up to 1/2 in. O.D. fine-stranded wire and 10 AWG solid wire	45-323
Reflex™ Premium T [®] -Cutter	Up to 1/2 in. O.D. fine-stranded wire and 10 AWG solid wire	45-423

Combo Tool



- Convenient, four-function tool features precision-ground stripping holes and knife-to-anvil cutting blades
- Crimps bare and insulated terminals
- Strips 8 to 20 AWG solid and 10 to 22 AWG stranded wire
- Cuts unhardened bolts (4-40, 6-32, 8-32, 10-24 and 10-32) and reforms threads
- Cushioned, comfort-grip handles

Description	Cat. No.
Combo Tool	30-428

V-Notch Stripper



- Cuts copper or aluminum wire, solid or stranded
- Rotating cam wheel adjusts to strip 10-24 AWG wire
- Looping holes for solid wire
- Locking hasp

Description	Cat. No.
V-Notch Stripper	45-101

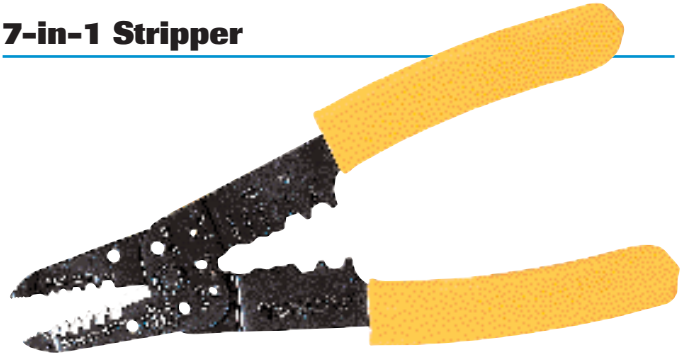
Multi-Crimp Strip Tool



- Cuts wire
- Crimps insulated and non-insulated wires
- Cuts bolts
- Strips 10-22 AWG wire

Description	Cat. No.
Multi-Crimp Strip Tool	45-778

7-in-1 Stripper



- Versatile, seven-function tool features precision-ground stripping blades, cushioned grips and plier nose
- Strips 8 to 16 AWG solid and 10 to 18 AWG stranded wire
- Crimps bare and insulated terminals for 10 to 22 AWG wire, RG-59 coax connectors and 7 to 8mm auto ignition connectors
- Cuts unhardened wire, bolts and screws (4-40, 6-32, 8-32, 10-24 and 10-32) and reforms threads
- Cuts stranded, solid, Romex® and U.F. wire to 8 AWG
- Reams and de-burrs conduit
- Gauges and loops wire
- Cushioned, comfort-grip handles

Description	Cat. No.
Seven-In-One Stripper	45-777

Coax Strip and Crimp Tool



- Precision, form-ground stripping holes remove outer jacket and insulation from RG-59 and RG-6 coaxial cable
- Durable blades cut copper-coated steel conductors
- Three crimping nests for crimping F-connectors and ring terminals
- Cushioned, comfort-grip handles

Description	Cat. No.
Coax Strip & Crimp Tool	30-433
Coax Strip & Crimp Tool w/F-Connectors	30-433F

Cable Rippers



- Slits cable sheathing before stripping wires
- Quick, clean and easy end or mid-run removal of jacket
- Convenient built-in wire gauge

Description	Cat. No.
Standard Cable Ripper	45-018
Side Entry Cable Ripper	45-118

Swivel-Blade® Cable Strippers

- For end or center stripping of coaxial and power cables from 3/4 in. to 1-1/2 in. O.D.
- Strips insulation to 5/32 in. including PVC, rubber, Neoprene, TEFLON®, polyethylene, Nylon, Kapton, fiberglass and fabric
- Spare blade in handle

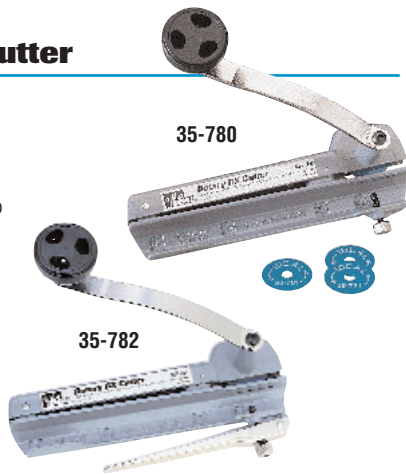


Description	Cat. No.
Cable Stripper for 3/4 in. to 1-1/2 in. O.D.	45-129
Cable Stripper for 1/4 in. to 3/4 in. O.D.	45-128
Replacement blades for (45-128 and 45-129), 2/pkg.	L-7486

Teflon® and Kapton® are registered trademarks of E. I. du Pont de Nemours and Company.

Rotary BX/MC Cutter

- Handles all common BX, MC and Flex cables
- Blue sapphire blade cuts armor without damage to internal conductors
- Splices cleanly through casings with only a few turns
- Thumbscrew holds cable securely in place
- Epoxy-coated to resist corrosion
- Handle knob stores up to six replacement blades



Description	Cat. No.
Rotary BX/MC Cutter	35-780
Replacement blades (5 per pack)	35-781
Rotary BX/MC Cutter with Lever	35-782

Grip-N-Strip™ End Stripper

- Self-adjusting stripping blades automatically select proper position
- Strips 12 AWG solid to 20 AWG stranded PVC insulated wire
- Dual strip-length gauge marks at 3/16 in. and 5/16 in.
- Cuts up to 12 AWG solid wire
- Lightweight, ergonomic design reduces user fatigue
- Reinforced fiberglass construction
- Hardened steel blades for extra strength and longer life



Description	Cat. No.
Grip-N-Strip™ End Stripper	45-227
Replacement blade set	LB-1501

Maxim Wire Stripper

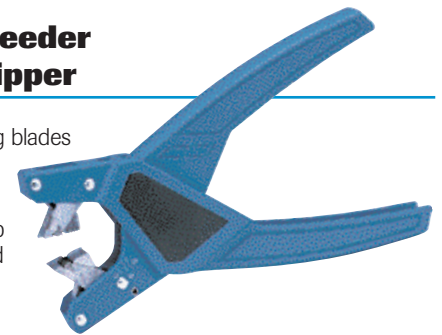
- Uses 33 blades within each jaw to self-adjust and conform to the profile of different wire sizes and insulation densities
- Self-adjusting blades strip 10 to 26 AWG solid or stranded wire
- Built-in wire cutter
- Strip length adjusts from 1/8 in. to 3/4 in.
- Reinforced fiberglass construction



Description	Cat. No.
Maxim Wire Stripper	45-327
Replacement blade set	LA-2524

Underground Feeder (UF) Cable Stripper

- Self-adjusting stripping blades automatically select proper position
- Strips 12 AWG solid to 14 AWG Underground Feeder (UF) Cable
- Strips Twin and Earth cable
- Open-throat construction allows unlimited strip length
- Neatly removes outer cable sheath and then inner wire sheathing to desired lengths
- Lightweight, ergonomic design reduces user fatigue
- Replaceable blades



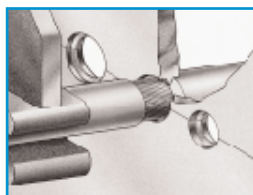
Description	Cat. No.
Underground Feeder Cable Stripper	45-235

Custom Stripmaster® and Custom Stripmaster® Lite Wire Strippers

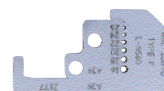
- Strips 30 through 10 AWG solid or stranded wire
- Mil-spec die-type blades allow precision stripping
- Inner cutting hole sized to conductor and counter-bored holes sized to insulation
- Replaceable Grippers
- Optional short stop latch and transparent wire stop
- Cushioned, comfort grip handles
- Custom Stripmaster® Lite is 3/4's the size of Custom Stripmaster® Wire Stripper and strips 16 through 30 AWG solid or stranded wire
- Custom Stripmaster® Lite requires one-third less hand pressure for each strip actuation
- Engineering Service and made-to-order blades available. Contact factory for complete product and blade number listing.



Gripper pads hold the wire securely in a centerline relationship with the blade.



Die-type blades incorporate a counter-bored hole sized to the insulation and an inner cutting hole sized to the conductor. This varies depending on insulation type and thickness.



Custom Stripmaster® Wire Strippers and Die-Type Blades

Specifications — Cutting Hole Diameter / Counterbore Diameter (Inches)											Stripper Cat. No.	Blade Only Cat. No.
Wire Size AWG												
30	28	26	24	22	20	18	16	14	12	10		
For Type E Teflon® (600V)												
								.076 .0935	.096 .113	.119 .136	45-176	L-5559
		.023 .039	.028 .043	.034 .052	.042 .0595	.052 .070	.061 .081				45-177	L-5560
.016 .032	.019 .035	.023 .039									45-178	L-5561
For Type EE Teflon® (1000V)												
								.076 .104	.096 .125	.119 .144	45-173	L-5562
		.023 .0465	.028 .055	.034 .0595	.042 .067	.052 .0785	.061 .089				45-174	L-5563
.016 .042	.019 .043	.023 .0465									45-175	L-5564
For Other Misc. Insulations												
								.076 .113	.0937 .138	.116 .154	45-170	L-5210
		.022 .052	.0292 .0595	.035 .0635	.042 .073	.052 .086	.062 .096				45-171	L-5211
.016 .037	.020 .040	.024 .043									45-172	L-5436
For Wire Wrap & Other Thin Insulated Wire												
.012 .020								Three identical holes			45-179	L-7625
.012 .019	.014 .023	.018 .025	.024 .033					Solid Wires			45-169	L-9300

Tolerances: Cutter Dia.: ± .001; Counter-bore Dia.: ± .002
The 45-170 Series is a Custom Stripmaster® Wire Stripper frame without the short stop latch and wire stop.

45-169 through 45-188 include grit-type pads (standard).
45-369 through 45-388 include file-type pads.
45-469 through 45-488 include parallel-type pads.



Custom Stripmaster® Lite Wire Strippers and Die-type Blades

Specifications — Cutting Hole Diameter / Counterbore Diameter (Inches)										
Wire Size AWG								Stripper Cat. No.	Blade Only Cat. No.	
30	28	26	24	22	20	18	16			
MIL-W-16878 Type E 600V Teflon® Wire										
				$\frac{.034}{.052}$	$\frac{.042}{.0595}$	$\frac{.052}{.070}$	$\frac{.061}{.081}$	45-638	LB-918	
		$\frac{.023}{.039}$	$\frac{.028}{.043}$	$\frac{.034}{.052}$	$\frac{.042}{.0595}$			45-639	LB-919	
$\frac{.016}{.032}$	$\frac{.019}{.035}$	$\frac{.023}{.039}$	$\frac{.028}{.043}$					45-640	LB-920	
MIL-W-16878 Type EE 1000V Teflon® Wire										
				$\frac{.034}{.0595}$	$\frac{.042}{.067}$	$\frac{.052}{.0785}$	$\frac{.061}{.089}$	45-635	LB-915	
		$\frac{.023}{.0465}$	$\frac{.028}{.055}$	$\frac{.034}{.0595}$	$\frac{.042}{.067}$			45-636	LB-916	
$\frac{.016}{.042}$	$\frac{.019}{.043}$	$\frac{.023}{.0465}$	$\frac{.028}{.055}$					45-637	LB-917	
General Purpose										
				$\frac{.035}{.0635}$	$\frac{.042}{.073}$	$\frac{.052}{.086}$	$\frac{.062}{.096}$	45-632	LB-912	
		$\frac{.022}{.052}$	$\frac{.0292}{.0595}$	$\frac{.035}{.0635}$	$\frac{.042}{.073}$			45-633	LB-913	
$\frac{.016}{.037}$	$\frac{.020}{.040}$	$\frac{.024}{.043}$	$\frac{.0292}{.0595}$					45-634	LB-914	
Wire Wrapping (Thin Insulation Solid Wire)										
$\frac{.012}{.020}$						Four holes, same size		45-641	LB-921	
$\frac{.012}{.019}$	$\frac{.014}{.023}$	$\frac{.018}{.025}$	$\frac{.024}{.033}$			Solid Wires		45-631	LB-911	

Tolerances: Cutter Dia.: ± .001; Counterbore Dia.: ± .002. Teflon® is a registered trademark of E.I. du Pont de Nemours and Company.

Custom Stripmaster® Wire Strippers and Die-Type Blades

Specifications — Cutting Hole Diameter / Counterbore Diameter (Millimeters) (Reference chart only. Blades are not marked in mm)												
mm² Nom											Stripper Cat. No.	Blade Only Cat. No.
0.05	0.08	0.13	0.2	0.22	0.5	1.0	1.5	2.5	4.0	6.0		
For Type E Teflon® (600V)												
								$\frac{1.93}{2.37}$	$\frac{2.44}{2.87}$	$\frac{3.02}{3.45}$	45-176	L-5559
		$\frac{.584}{.99}$	$\frac{.711}{1.09}$	$\frac{.863}{1.32}$	$\frac{1.07}{1.5}$	$\frac{1.33}{1.78}$	$\frac{1.55}{2.06}$				45-177	L-5560
$\frac{.406}{.813}$	$\frac{.482}{.889}$	$\frac{.584}{.99}$									45-178	L-5561
For Type EE Teflon® (1000V)												
								$\frac{1.93}{2.64}$	$\frac{2.44}{3.17}$	$\frac{3.02}{3.6}$	45-173	L-5562
		$\frac{.584}{1.17}$	$\frac{.711}{1.39}$	$\frac{.863}{1.5}$	$\frac{1.07}{1.70}$	$\frac{1.33}{1.99}$	$\frac{1.55}{2.49}$				45-174	L-5563
$\frac{.406}{1.07}$	$\frac{.482}{1.09}$	$\frac{.584}{1.17}$									45-175	L-5564
For Other Misc. Insulations												
								$\frac{1.93}{2.87}$	$\frac{2.38}{3.45}$	$\frac{2.94}{3.91}$	45-170	L-5210
		$\frac{.560}{1.33}$	$\frac{.736}{1.5}$	$\frac{.889}{1.61}$	$\frac{1.07}{1.85}$	$\frac{1.33}{2.18}$	$\frac{1.57}{2.44}$				45-171	L-5211
$\frac{.406}{.940}$	$\frac{.508}{1.01}$	$\frac{.609}{1.09}$									45-172	L-5436
For Wire Wrap & Other Thin Insulated Wire												
$\frac{.305}{.508}$								Three identical holes			45-179	L-7625
$\frac{.305}{.482}$	$\frac{.356}{.584}$	$\frac{.457}{.635}$	$\frac{.609}{.838}$								45-169	L-9300

Tolerances: Cutter Dia.: ± .025mm; Counterbore Dia.: ± .051mm

1-800-435-0705 for Customer Service

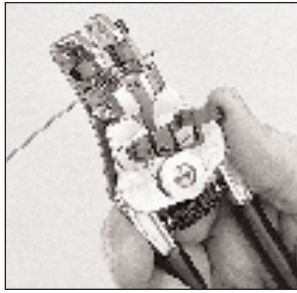


Custom Stripmaster® Lite Wire Strippers and Die-type Blades

Specifications — $\frac{\text{Cutting Hole Diameter}}{\text{Counterbore Diameter}}$ (Millimeters)									Stripper Cat. No.	Blade Only Cat. No.
Wire Size AWG										
1,5	1,0	0,5	0,22	0,2	0,13	0,08	0,05			
MIL-W-16878 Type E 600V Teflon® Wire										
$\frac{1,55}{2,06}$	$\frac{1,32}{1,99}$	$\frac{1,07}{1,51}$	$\frac{0,86}{1,32}$					45-638	LB-918	
		$\frac{1,07}{1,51}$	$\frac{0,86}{1,32}$	$\frac{0,71}{1,09}$	$\frac{0,58}{,099}$			45-639	LB-919	
				$\frac{0,71}{1,09}$	$\frac{0,58}{0,99}$	$\frac{0,48}{0,89}$	$\frac{0,41}{0,82}$	45-640	LB-920	
MIL-W-16878 Type EE 1000V Teflon® Wire										
$\frac{1,55}{2,26}$	$\frac{1,32}{1,99}$	$\frac{1,07}{1,70}$	$\frac{0,86}{1,51}$					45-635	LB-915	
		$\frac{1,07}{1,70}$	$\frac{0,86}{1,51}$	$\frac{0,71}{1,40}$	$\frac{0,58}{1,18}$			45-636	LB-916	
				$\frac{0,71}{1,40}$	$\frac{0,58}{1,18}$	$\frac{0,48}{1,09}$	$\frac{0,41}{1,07}$	45-637	LB-917	
General Purpose										
$\frac{1,57}{2,44}$	$\frac{1,32}{2,18}$	$\frac{1,07}{1,85}$	$\frac{0,89}{1,61}$					45-632	LB-912	
		$\frac{1,07}{1,85}$	$\frac{0,89}{1,61}$	$\frac{0,74}{1,51}$	$\frac{0,56}{1,32}$			45-633	LB-913	
				$\frac{0,74}{1,51}$	$\frac{0,61}{1,09}$	$\frac{0,51}{1,02}$	$\frac{0,41}{0,86}$	45-634	LB-914	
Wire Wrapping (Thin Insulation Solid Wire)										
		Four holes, same size					$\frac{0,30}{0,76}$	45-641	LB-921	
		Solid Wires		$\frac{0,61}{0,84}$	$\frac{0,46}{0,64}$	$\frac{0,36}{0,58}$	$\frac{0,30}{0,48}$	45-631	LB-911	

Tolerances: Cutter Dia.: ± .001; Counterbore Dia.: ± .002. Teflon® is a registered trademark of E.I. du Pont de Nemours and Company.

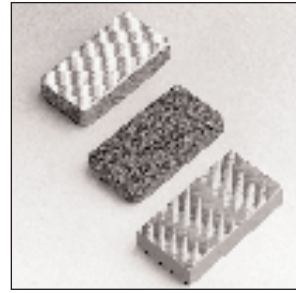
Wire Strippers



Short-stop Latch protects wire strands by limiting the stripping stroke to 5/32 in. and retains the slug until the wire is ready for terminating.



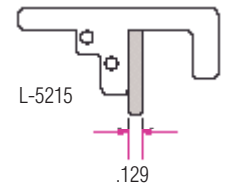
Transparent wire stop provides uniform stripping length.



Gripper Pads are available in your choice of either parallel, file or grit-type. File-type pads may be used on hard-to-grip insulations such as Kapton® and some Teflon®.

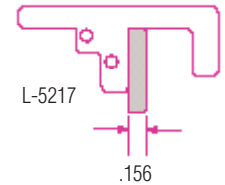
Stationary Gripper for Red Handle Units

For 10, 12 & 14 AWG Wire



Stationary Gripper for Black Handle Units

For 16 thru 30 AWG wire.



Replacement Gripper Pads

For Custom Stripmaster® and Custom Steel Stripmaster® Wire Strippers			
Surface Type	Gripper Set* Cat. No.	Movable Gripper Cat. No.	Stationary Gripper (Thickness)
Grit**	LB-197	L-5212	L-5215 (.129 in.)
Grit**	LB-198†	L-5212	L-5217 (.156 in.)
File	LB-721	LB-718	LB-719 (.129 in.)
File	LB-722‡	LB-718	LB-720 (.156 in.)
Parallel	LB-730	LB-727	LB-728 (.129 in.)
Parallel	LB-731	LB-727	LB-729 (.156 in.)

For Custom Stripmaster® Lite Wire Strippers

Surface Type	Gripper Set* Cat. No.	Movable Gripper Cat. No.	Stationary Gripper (Thickness)
Grit*	LB-1188	LB-882	LB-883 (.109 in.)
File	LB-1189	LB-1184	LB-1185 (.109 in.)
Parallel	LB-1190	LB-1186	LB-1187 (1.09 in.)

* Gripper Set includes one movable gripper, one stationary gripper.

** Grit pads are standard for most Custom Stripmaster® and Custom Stripmaster® Lite products.

† Formerly L-7954

‡ Formerly L-8928. These are for use on hard-to-grip surfaces such as Kapton® and Teflon®.

Gripper pad selection depends on insulation type and user preference.

Note: For wire gauge 10-14, use .129 in. stationary gripper. For 16-30 AWG, use .156 in. gripper.

Optional Accessories

Short Stop Latch	Cat. No.
For Custom & Custom Steel Stripmaster® Wire Strippers	L-5269
For Custom Stripmaster® Lite Wire Strippers	LB-1194

Replacement Frame Assemblies

For Custom Stripmaster® Wire Strippers	Cat. No.
Frame only, 10-14 AWG	L-5616
Frame only, 16-30 AWG	L-5617
Frame only, 10-14 AWG, Wire Stop and Latch	L-5618
Frame only, 16-30 AWG, Wire Stop and Latch	L-5619
Frame only, 10-14 AWG, internal spring (see note)	L-9039
Frame only, 16-30 AWG, internal spring (see note)	L-9038

Note: Frames with internal springs allow additional blade penetration pressure for difficult and multi-layered insulation types.

For Custom Stripmaster® Lite Wire Strippers	Cat. No.
Frame only	LB-895
Frame only, Wire Stop and Latch	LB-896

For Custom Steel Stripmaster® Wire Strippers	Cat. No.
Frame only, 10-14 AWG	LB-1091
Frame only, 16-30 AWG	LB-1092
Frame only, 10-14 AWG, internal spring (see note)	LB-1090
Frame only, 16-30 AWG, internal spring (see note)	LB-1089

Note: Frames with internal springs allow additional blade penetration pressure for difficult and multi-layered insulation types.

Transparent Adjustable Wire Stop Assembly	Cat. No.
For Custom & Custom Steel Stripmaster® Wire Strippers	L-5270
For Custom Stripmaster® Lite Wire Strippers	LB-1195

Custom Steel Stripmaster® Wire Strippers and Special Flat-Blades for Ribbon and Multi-Conductor Cable

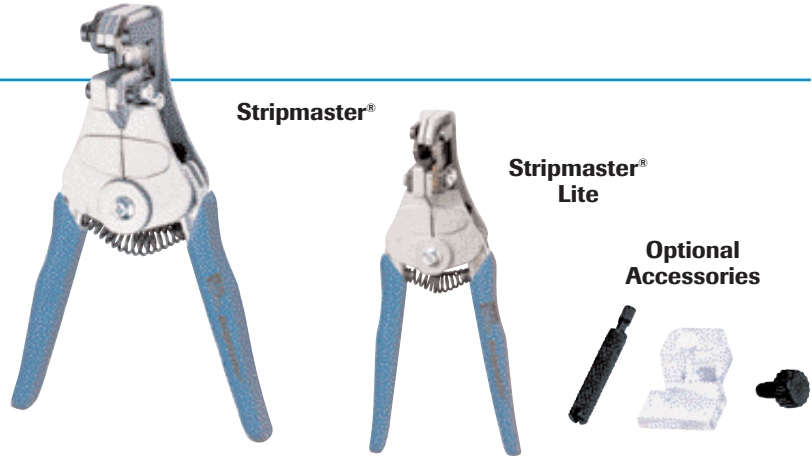
Description	Blade Gap ("x") vertical height	Blade Only Cat. No.	Frame & Blade Cat. No.
Custom Steel frame only	NA	NA	LB-1091
Flat blade for 26 AWG (.40mm dia.) multi-conductor	.022 in.	LB-1151	45-890
Flat blade for 24 AWG (.00mm dia.) multi-conductor	.030 in.	LB-1152	45-891
Flat blade for 22 AWG (.64mm dia.) multi-conductor	.038 in.	LB-1153	45-892
Flat blade for 20 AWG (.00mm dia.) multi-conductor	.050 in.	LB-1154	45-893
Flat blade for 18 AWG (1.02mm dia.) multi-conductor	.060 in.	LB-1155	45-894
Flat blade for 16 AWG (1.29mm dia.) multi-conductor	.075 in.	LB-1156	45-895

Teflon® and Kapton® are registered trademarks of E. I. du Pont de Nemours and Company.

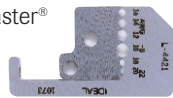


Stripmaster® and Stripmaster® Lite Wire Strippers

- One-step stripping enhances productivity
- Spring-action motion increases leverage and reduces operator fatigue
- Precision-ground, knife-type blades provide clean, accurate stripping
- Sturdy die cast frame provides long-term durability
- Wire gripper holds wire securely in position
- Stripmaster® Lite designed for smaller hands – 3/4 the size of the standard Stripmaster®



Stripmaster® Wire Strippers and Knife-Type Blades



Specifications — Stripping Hole Diameter (Inches)												Cat. No.	Replacement Blades (Pair) Cat. No.	
Wire Size AWG														
8	10	12	14	16	18	20	22	24	26	28	30			
.159	.141	.106											45-090* or 45-290**	L-4419
	.144	.105	.085	.073	.073								45-091	L-4420
	.144	.113	.090	.072	.061	.048	.048						45-092* or 45-292**	L-4421
			.090	.072	.061	.039	.039						45-093	L-4422
				.072	.061	.048	.039	.032	.026				45-097	L-4994
						.048	.039	.032	.026	.021	.016		45-098	L-5361
.198	.167			.062	.055								45-099	L-8763

*Boxed **Blister Card

Tolerances A.001 -.005

Stripmaster® Lite Wire Strippers and Knife-Type Blades

Specifications — Stripping Hole Diameter (Inches)													Cat. No.	Replacement Blades (Pair) Cat. No.	
Wire Size AWG															
12	14	16	18	20	22	24	26	28	30	16/18	20/22	Cutting Edge			
		.072	.061	.048	.039									45-671	LB-1001
						.032	.026	.021	.016					45-672	LB-1002
.113	.090	.072	.061 (All stranded wire)											45-673	LB-1003
.096	.085	.073	.061 (12 & 14 Solid wire, 16 & 18 Stranded wire)											45-674	LB-1004
										.072	.048	.250 Wide		45-675	LB-1005

Tolerances A.001 -.005

Coax Stripmaster® Wire Strippers and Blades



Description	Coax Cable Type (RGU)	Repl. Blade Cat. No.	Cat. No.
Coax Stripmaster® for RG-6	RG-6	LB-740	45-262
Coax Stripmaster® for RG-58	RG-58	LB-742	45-264
Coax Stripmaster® for RG-59	RG-59	LB-743	45-265
Coax Stripmaster® for RG-62	RG-62	LB-744	45-266
Coax Stripmaster® for RG-6 QuadShield	RG-6 QuadShield	LA-3953	45-282

Coaxial Cables: two-step strip for termination, jacket and dielectric.

Replacement Frame Assemblies	Cat. No.
For Stripmaster® Wire Strippers	L-5620
For Stripmaster® Lite Wire Strippers	LB-1421

Stripmaster® Wire Strippers with Rectangular Holes

Description	Cat. No.	Replacement Blades (Pair) Cat. No.
For Flat Telephone Cable (.60 in. or 1.52mm)	N/A	LB-1155
For European Flat Lamp Cord	45-089	L-8762
For SP-SPT Lamp Cord	45-095*	L-4452

*Also strips 2- and 3-conductor low-voltage wire used in G.E. and Touchplate remote control wiring system.

Optional Accessories	Cat. No.
Transparent Adjustable Wire Stop (for Stripmaster® Wire Strippers)	L-5270
Transparent Adjustable Wire Stop (for Stripmaster® Lite Wire Strippers)	LB-1195
Replacement Moveable Gripper	L-1953

Stripmaster® Wire Strippers and Knife-Type Blades

Specifications — Stripping Hole Diameter (mm)												Cat. No.	Replacement Blades (Pair) Cat. No.	Replacement Frame Cat. No.	
Wire Size AWG															
8	10	12	14	16	18	20	22	24	26	28	30				
4	3.6	2.7											45-090 or 45-290	L-4419	L-5620
	3.6	2.7	2.2	1.8									45-091	L-4420	L-5620
	3.6	2.9	2.3	1.8	1.5	1.2							45-092 or 45-292-241	L-4421	L-5620
			2.3	1.8	1.5	1.2	1						45-093	L-4422	L-5620
				1.8	1.5	1.2	1	0.8	0.7				45-097	L-4994	L-5620
						1.2	1	0.8	0.7	0.5	0.4		45-098	L-5361	L-5620
5	4.2			1.6	1.4								45-099	L-8763	L-5620

Stripmaster® Lite Wire Strippers and Knife-Type Blades

Specifications — Stripping Hole Diameter (mm)												Cat. No.	Replacement Blades (Pair) Cat. No.	Replacement Frame Cat. No.	
Wire Size AWG															
12	14	16	18	20	22	24	26	28	30	16/18	20/22	Cutting Edge			
		1.8	1.5	1.2	1								45-671	LB-1001	LB-1421
						0.8	0.7	0.5	0.4				45-672	LB-1002	LB-1421
2.9	2.3	1.8	1.5 (All stranded wire)										45-673	LB-1003	LB-1421
2.4	2.2	1.9	1.5 (12 & 14 Solid wire, 16 & 18 Stranded wire)										45-674	LB-1004	LB-1421
										1.8	1.2	6.4 wide	45-675	LB-1005	LB-1421

Stripmaster® Wire Strippers and Knife-Type Blades for Metric Wire

Specifications — Stripping Hole Diameter (mm)													Cat. No.	Replacement Blades (Pair) Cat. No.	Replacement Frame Cat. No.	
Wire Size (mm²)																
0.05	0.1	0.15	0.22	0.34	0.5	0.75	1	1.5	2.5	4	6	8	10			
												4.3	5	45-090-341 or 45-290-341	L-4419M	LA-2358
						1.3	1.6	1.9	2.4	3	3.6			45-092-341 or 45-292-341	L-4421M	LA-2358
0.6	0.7	0.8	0.9	1	1.1									45-098-341 or 45-298-341	L-5361M	LA-2358

Stripmaster® Lite Wire Strippers and Knife-Type Blades for Metric Wire

Specifications — Stripping Hole Diameter (mm)									Cat. No.	Replacement Blades (Pair) Cat. No.	Replacement Frame Cat. No.		
Wire Size (mm²)													
0.05	0.1	0.15	0.22	0.34	0.5	0.75	1	1.5					
				1	1.1	1.3	1.6	1.9			45-671-341	LB-1001M	H-2909
0.6	0.7	0.8	0.9								45-672-341	LB-1002M	H-2909

Free Application Engineering Service and made-to-order Custom Stripmaster® and Stripmaster® Wire Strippers are available. Contact IDEAL INDUSTRIES, INC. for complete information at 1-800-435-0705.

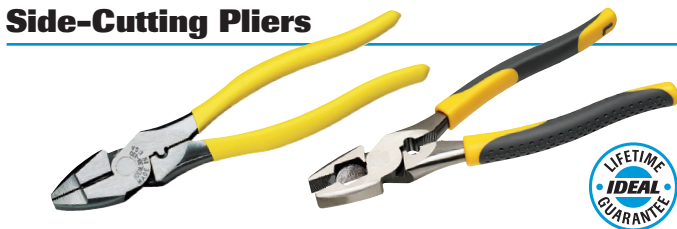
IDEAL Grips

Dipped Grips	
Smart-Grip™	
1000V Insulated Grips	

Dipped Grips — The industry standard for decades, our vinyl-coated handles provide a secure, comfortable grip. This classic design offers traditional functionality professionals have grown familiar with. Our standard catalog part numbers come with dipped grips.

Smart-Grip™ — Our new Smart-Grip™ pliers provide the latest innovation in material, design, durability and comfort. The underlying material is extra tough, providing durability and long life. The softer, comfort overmold improves tool control while giving a slip-proof ergonomic alternative to our dipped handles. Our special Santoprene™ material is resistant to perspiration, water, oil and chemicals and provides a sure grip even when wet. Our grips are color-coded on the ends, so each tool can be quickly and easily identified when in a tool pouch or pocket. In addition, identification markers on the insides of the handles make it easy to find the right tool even by touch. Smart-Grip™ pliers are listed in a separate chart and have a prefix of “3” in the catalog number.

Side-Cutting Pliers

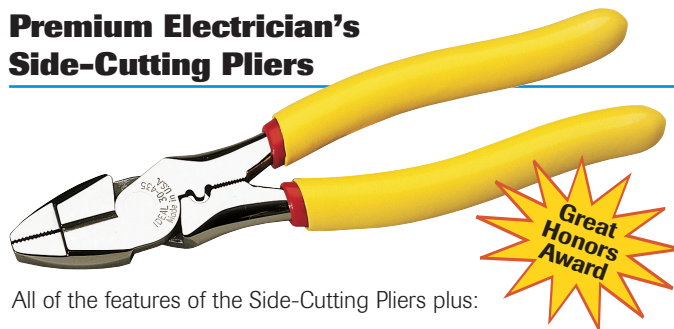


30-420 **30-430** **35-013** **35-012**

- Drop-forged, high-carbon steel construction withstands toughest applications
- Cuts hardened wire, bolts and ACSR
- Laser-hardened blades and serrated jaws for long-term durability
- High-leverage design provides 40% more cutting power
- Unique reverse rivet protects smooth action of plier movement
- Models with crimping die crimp bare and insulated terminals
- Vinyl-coated, comfort-grip handles for a secure grip
- Lifetime guarantee

Description (Dipped Handles)	Cat. No.
8-1/2 in. New England nose high-leverage w/crimping die	30-420
9-1/4 in. New England nose high-leverage w/fish tape puller	35-012
9-1/4 in. New England nose high-leverage w/crimping die	30-430
9-1/4 in. New England nose high-leverage w/box joint	35-013
Description (Smart-Grip™ Handles)	Cat. No.
9-1/4 in. New England nose high-leverage w/fish tape puller	35-3012
9-1/4 in. New England nose high-leverage w/crimping die	30-3430

Premium Electrician's Side-Cutting Pliers



All of the features of the Side-Cutting Pliers plus:

- Mirror-polished finish to resist rust and maintain premium appearance
- Double-dipped grips for extra cushioning comfort
- Lifetime guarantee



Description (Dipped Handles)	Cat. No.
9-1/4 in. New England high-leverage w/fish tape puller and crimping die	30-435

Tongue and Groove Pliers



- Patented undercut tongue and groove design ensures solid grip
- Patented reinforced flange protects against breakage
- Laser-hardened teeth remain sharp longer
- Drop-forged, high-carbon steel construction
- Vinyl-coated, comfort-grip handles for a secure grip
- Lifetime guarantee



Description (Dipped Handles)	Jaw Opening (Inches)	Cat. No.
6-1/2 in. Tongue & Groove Pliers	7/8	35-426
9-1/2 in. Tongue & Groove Pliers	1-1/2	35-420
10 in. Tongue & Groove Pliers	2	35-430
12 in. Tongue & Groove Pliers	2-1/4	35-440
16 in. Tongue & Groove Pliers	4-1/4	35-460
Description (Smart-Grip™ Handles)	Jaw Opening (Inches)	Cat. No.
9-1/2 in. Tongue & Groove Pliers	1-1/2	35-3420
10 in. Tongue & Groove Pliers	2	35-3430

CAUTION: Never use pliers or cutters on live electrical circuits.

WARNING: The cushion grips on handles are for comfort, **NOT** protection against electrical shock and should not be used on live circuits.

WARNING: Plastic-dipped or slip-on handles **NOT** for protection against electrical shock.

Long-Nose Pliers



- Narrow profile head designed for working in tight areas
- Serrated jaws provide secure gripping surface
- Drop-forged, high-carbon steel construction
- Knife-to-anvil blades never need resharpener
- Laser-hardened blades cut hardened wire, bolts and ASCR
- Vinyl-coated, comfort-grip handles for a secure grip
- Lifetime guarantee

Description (Dipped Handles)	Cat. No.
6 in.	35-036
7-3/4 in.	35-037
8-1/2 in.	35-038
8-1/2 in. w/Cutter & stripping holes for 12 & 14 AWG wire	35-039
Description (Smart-Grip™ Handles)	Cat. No.
7-3/4 in.	35-3037
8-1/2 in.	35-3038

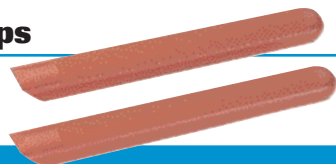
Multi-Crimp Tools



- Crimps bare or insulated terminals and splices on 10 to 22 AWG wire
- Knife-to-anvil blades never need resharpener
- Excellent leverage for easy crimping and cutting
- Drop-forged, high-carbon steel construction
- Vinyl-coated handles provide a solid, comfortable grip
- Lifetime guarantee

Description (Dipped Handles)	Cat. No.
9-3/4 in. Multi-Crimp Tool	30-429
Description (Smart-Grip™ Handles)	Cat. No.
9-3/4 in. Multi-Crimp Tool	30-3429

Tenite Grips



Description	Cat. No.
Replacement grips for 6 in. pliers	35-006
Replacement grips for 7 in. pliers	35-007
Replacement grips for 8 in. or 9 in. pliers	35-008

Diagonal-Cutting Pliers

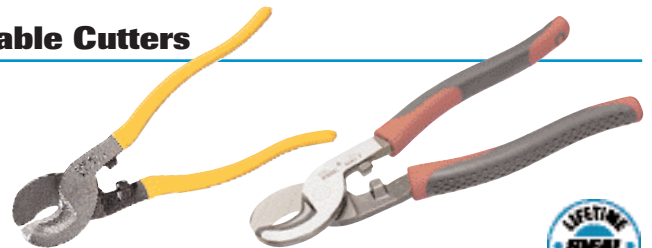


Angled Head 35-029/35-3029

- Drop-forged, high-carbon steel construction withstands toughest applications
- Knife-to-anvil blades never need resharpener
- Laser-hardened blades cut hardened wire, bolts and ASCR
- Vinyl-coated, comfort-grip handles for a secure grip
- High-leverage design provides 40% more cutting power
- Models 35-029 and 35-3029 feature a convenient angled head for hard-to-reach areas and rocking out nails
- Lifetime guarantee

Description (Dipped Handles)	Cat. No.
6 in. High-leverage	35-026
7 in. High-leverage	35-027
8 in. High-leverage	35-028
8 in. High-leverage w/angled head	35-029
Description (Smart-Grip™ Handles)	Cat. No.
8 in. High-leverage	35-3028
8 in. High-leverage w/angled head	35-3029

Cable Cutters



- Drop-forged, high-carbon steel construction
- Precision-ground, hardened cutting edges provide accurate cuts without cable distortion
- Designed for maximum leverage with minimum effort
- Cuts 2/0 copper and 4/0 aluminum (not for use on ASCR)
- Vinyl-coated, comfort-grip handles
- Lifetime guarantee

Description (Dipped Handles)	Cat. No.
9-1/2 in. Cable Cutter	35-052
Description (Smart-Grip™ Handles)	Cat. No.
9-1/2 in. Cable Cutter	35-3052

Adjustable Wrenches

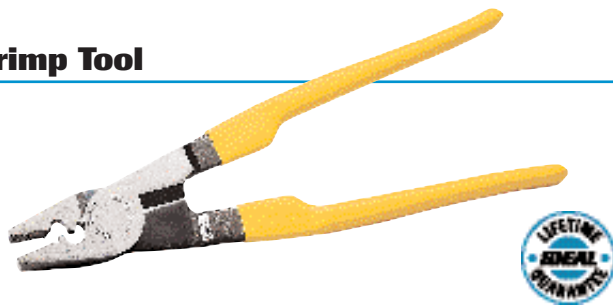


- Narrow profile head reaches into tight spaces
- Tight tolerance on thumbscrew won't loosen or wobble with use
- Extra wide jaw capacity with standard and metric markings
- Lightweight, non-conductive handle (not insulated)



Description	Jaw Capacity	Cat. No.
8 in. Adjustable Wrench	1-1/8 in.	35-020
10 in. Adjustable Wrench	1-5/16 in.	35-021

Crimp Tool

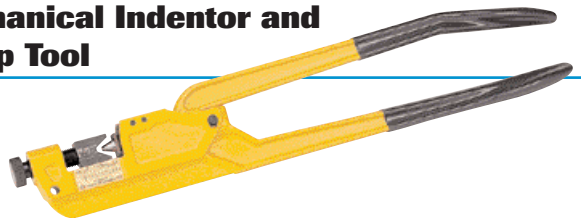


- Crimps all IDEAL crimp sleeves
- Excellent leverage for right-angle, double-indent crimps
- Cuts and twists wire
- Vinyl-coated handles provide a solid, comfortable grip
- Lifetime guarantee



Description	Cat. No.
Crimp Tool - 10-1/4 in.	30-425

Mechanical Indentor and Crimp Tool



- Use with aluminum (6 AWG to 4/0) and copper (8 AWG to 250 KCMIL) wires
- Adjustable crimping nests with clearly marked gauges
- Lightweight and easy to operate
- Rugged cast steel construction for long-term durability
- Connections are UL Listed when using this tool with IDEAL Non-Insulated Terminals (#8 - #4 AWG). (See page A-17)

Description	Cat. No.
Mechanical Indentor	88-843

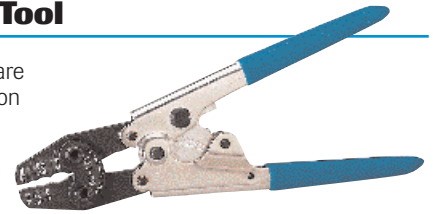
Heavy-Duty Crimp Tool



- Crimp nests for 2, 4, 6 or 8 AWG and 8-38 mm² uninsulated terminals
- Rotating crimp nests eliminate costly die changes
- Decimal and metric wire sizes clearly marked on each crimp nest
- Comfort-grip handles for a secure grip
- Connections are UL Listed when using this tool with IDEAL Non-Insulated Terminals (#8 - #4 AWG). (See page A-17)

Description	Cat. No.
Heavy-Duty Crimp Tool	83-005

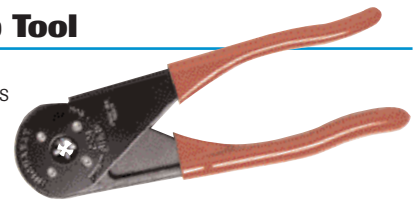
Ratchet Crimp Tool



- Crimps insulated or bare terminals and splices on 10 to 22 AWG wire
- Ratchet action prevents release prior to crimp connection — helps ensure uniform crimps
- Vinyl-coated handles provide a solid, comfortable grip

Description	Cat. No.
Ratchet Crimp Tool	83-001

Buchanan Construction Products Four-Way Crimp Tool



- Patented design ensures even compression and reliable connections
- Spring-loaded, cam-actuated plungers
- Fingertip adjustment for different connector sizes

Description	Cat. No.
Four-Way Crimp Tool	C-24

CAUTION: Never use pliers or cutters on live electrical circuits.

WARNING: The cushion grips on handles are for comfort, **NOT** protection against electrical shock and should not be used on live circuits.

WARNING: Plastic-dipped or slip-on handles **NOT** for protection against electrical shock.

PowerBlade™ Cable Cutter

- Extremely versatile: fits almost any drill (12V minimum)
- Cuts up to 750 MCM hard-drawn copper, 1000 MCM aluminum*
- Heavy-duty gears and specially hardened blades for professional quality
- Rounded blade design minimizes cable distortion during cutting
- No need to mess with battery packs or special chargers; this tool works with the drill you already carry!



(Drill not included)

Description	Cat. No.
PowerBlade™ Cable Cutter	35-078
PowerBlade™ Replacement Handle	K-8947R
PowerBlade™ Replacement Blades (pair)	K-8906R
PowerBlade™ Replacement Torque Arm Assembly	K-8909
PowerBlade™ Replacement Carrying Case	K-8926

*Max. Jaw Opening - 2 in. Not for cutting steel or ASCR.

Long-Arm Cable Cutters

- High strength forged blades for ultimate durability
- Precision-ground jaws make clean cuts with minimal cable distortion
- Replaceable blades
- For copper and aluminum only. Not designed for steel or ASCR



Description	Length	Cat. No.
250 MCM Long-Arm Cable Cutter	14 in.	35-031
500 MCM Long-Arm Cable Cutter	22 in.	35-032
1000 MCM Long-Arm Cable Cutter	32 in.	35-033
Replacement Head – 250 MCM (for 35-031)	—	35-031B
Replacement Head – 500 MCM (for 35-032)	—	35-032B
Replacement Head – 1000 MCM (for 35-033)	—	35-033B

CAUTION: Comfort-grip handles are not designed for protection against electrical shock. Do not use on live circuits.

Ratcheting Cable Cutter

- Hardened steel blades ensure consistent cuts and long-term durability
- Rounded blade design minimizes cable distortion during cutting
- Quick release mechanism simplifies blade back-out
- Locking mechanism keeps handles closed for easy storage
- High-leverage foot provides stability and leverage when making multiple cuts
- Ergonomic, non-slip handles provide excellent grip and comfort
- 750 KCMIL Ratcheting Cable Cutter is designed to cut 750 KCMIL (MCM) and smaller hard-drawn copper and aluminum cables



Description	Cat. No.
750 KCMIL (MCM) Ratcheting Cable Cutter*	35-053
Replacement blade (moveable side only)	35-057

*Max. Jaw Opening - 2 in. Not for cutting steel or ASCR.

Ratcheting Cable Cutter

- Cuts hard drawn copper up to 400 KCMIL (MCM) and soft copper, aluminum and multiple conductor cable up to 600 KCMIL (MCM)
- Hardened steel blades ensure consistent cuts and long-term durability
- Rounded blade design minimizes cable distortion during cutting
- Quick release mechanism simplifies blade back-out
- Locking mechanism keeps handles closed for easy storage
- Ergonomic, non-slip handles provide excellent grip and comfort



Description	Cat. No.
400 KCMIL (MCM) Ratcheting Cable Cutter*	35-056
Replacement blade (moveable side only)	35-085

*Max. Jaw Opening - 1.375 in. Not for cutting steel or ASCR.

Telco Ratcheting Cable Cutters

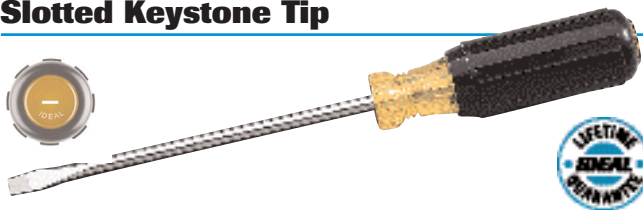
- Hardened steel blades ensure consistent cuts and long-term durability
- Rounded blade design minimizes cable distortion during cutting
- Quick release mechanism simplifies blade back-out
- Locking mechanism keeps handles closed for easy storage
- High-leverage foot provides stability and leverage when making multiple cuts
- Ergonomic, non-slip handles provide excellent grip and comfort
- Telco Ratcheting Cable Cutter jaw cuts up to 2,700 pair telephone cable and Stalpath® type communications cable



Description	Cat. No.
Telco Ratcheting Cable Cutter*	35-055
Replacement blade (moveable side only)	35-054

*Max. Jaw Opening - 3 in. Not for cutting steel or ASCR.

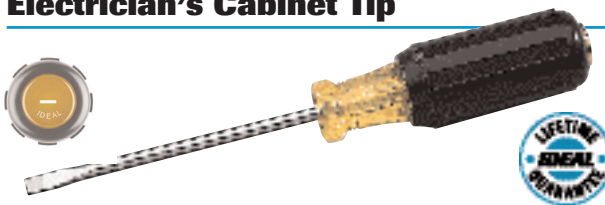
Slotted Keystone Tip



- Vapor-blasted tip prevents plate chipping
- Identification mark on ends
- Precision ground tip provides secure fit in screw slot
- Nickel-chrome plating for corrosion resistance
- Tough, chrome vanadium steel shank
- Cushioned rubber grips
- Lifetime guarantee

Description	Blade Length	Total Length	Cat. No.
1/4 in. Shank and tip	3 in.	7-3/8 in.	35-173
1/4 in. Shank and tip	6 in.	10-3/8 in.	35-176
1/4 in. Shank and tip	8 in.	12-3/8 in.	35-178
1/4 in. Shank and tip	10 in.	14-3/8 in.	35-180

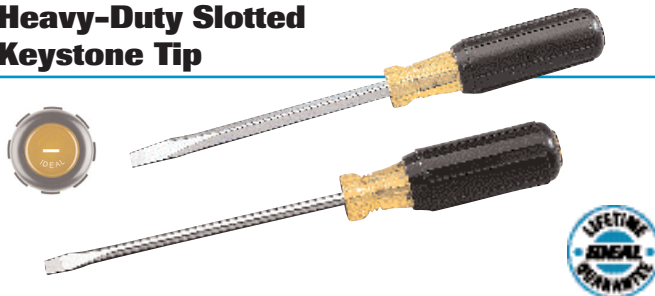
Electrician's Cabinet Tip



- Vapor-blasted tip prevents plate chipping
- Identification mark on ends
- Precision ground tip provides secure fit in screw slot
- Nickel-chrome plating for corrosion resistance
- Tough, chrome vanadium steel shank
- Cushioned rubber grip
- Lifetime guarantee

Description	Blade Length	Total Length	Cat. No.
3/16 in. Shank and tip	3 in.	6-3/4 in.	35-183
3/16 in. Shank and tip	4 in.	7-3/4 in.	35-184
3/16 in. Shank and tip	6 in.	9-3/4 in.	35-186
3/16 in. Shank and tip	8 in.	11-3/4 in.	35-188
3/16 in. Shank and tip	10 in.	13-3/4 in.	35-190

Heavy-Duty Slotted Keystone Tip

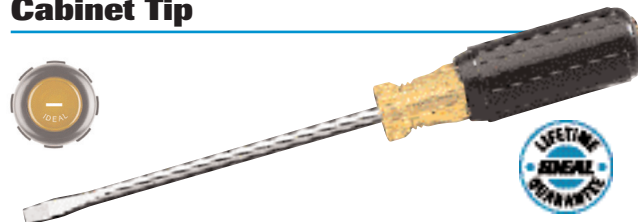


- Larger shank for heavy-duty applications
- Identification mark on ends
- Vapor-blasted tip prevents plate chipping
- Precision ground tip provides secure fit in screw slot
- Square-shank models offer wrench-assisted turning
- Tough, chrome vanadium steel shank
- Cushioned rubber grips
- Lifetime guarantee

Square Shank	Blade Length	Total Length	Cat. No.
1/4 in. Shank and tip	4 in.	8-3/8 in.	35-154
5/16 in. Shank and tip	6 in.	11 in.	35-156
3/8 in. Shank and tip	8 in.	13 in.	35-158

Round Shank	Blade Length	Total Length	Cat. No.
1/4 in. Shank and tip	1 in.	3-3/8 in.	35-161
1/4 in. Shank and tip	4 in.	8-3/8 in.	35-164
5/16 in. Shank and tip	6 in.	11 in.	35-166
3/8 in. Shank and tip	8 in.	13 in.	35-168

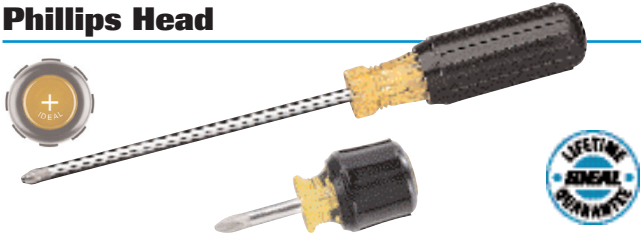
Heavy-Duty Electrician's Cabinet Tip



- Large diameter shank for tough applications
- Identification marks on ends
- Vapor-blasted tip prevents plate chipping
- Precision ground tip provides secure fit in screw slot
- Nickel-chrome plating for corrosion resistance
- Tough, chrome vanadium steel shanks
- Cushioned rubber grip
- Lifetime guarantee

Description	Blade Length	Total Length	Cat. No.
1/4 in. Shank and tip	4 in.	8-3/8 in.	35-150
1/4 in. Shank and tip	6 in.	10-3/8 in.	35-151
1/4 in. Shank and tip	8 in.	12-3/8 in.	35-152
1/4 in. Shank and tip	10 in.	14-3/8 in.	35-153

Phillips Head



- Vapor-blasted tip prevents plate chipping
- Identification mark on ends
- Nickel-chrome plating for corrosion resistance
- Tough, chrome vanadium steel shank
- Cushioned rubber grip
- Lifetime guarantee

Description	Blade Length	Total Length	Cat. No.
#2 Tip and 1/4 in. Shank	1 in.	3-3/8 in.	35-191
#1 Tip and 3/16 in. Shank	3 in.	6-3/4 in.	35-193
#2 Tip and 1/4 in. Shank	4 in.	8-3/8 in.	35-194
#2 Tip and 1/4 in. Shank	6 in.	10-3/8 in.	35-195
#3 Tip and 5/16 in. Shank	6 in.	11 in.	35-196

5-Piece Screwdriver Set

Includes:

- 1/4 in. x 6 in. HD Cabinet
- 1/4 in. x 4 in. Square Shank HD Keystone
- 5/16 in. x 6 in. Keystone
- 3/16 in. x 6 in. Cabinet
- Phillips #2 x 4 in.
- Heavy Duty Vinyl Pouch



Description	Cat. No.
5-Piece Screwdriver Set	35-297

8-Piece Screwdriver Set

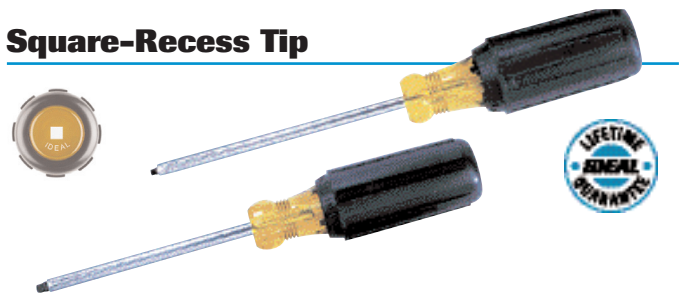
Includes:

- 1/4 in. x 6 in. HD Cabinet
- 1/4 in. x 4 in. Square Shank HD Keystone
- 1/4 in. x 4 in. HD Keystone
- 5/16 in. x 6 in. Keystone
- 3/16 in. x 3 in. Cabinet
- 3/16 in. x 6 in. Cabinet
- Phillips #1 x 3 in.
- Phillips #2 x 4 in.
- Heavy Duty Vinyl Pouch



Description	Cat. No.
8-Piece Screwdriver Set	35-298

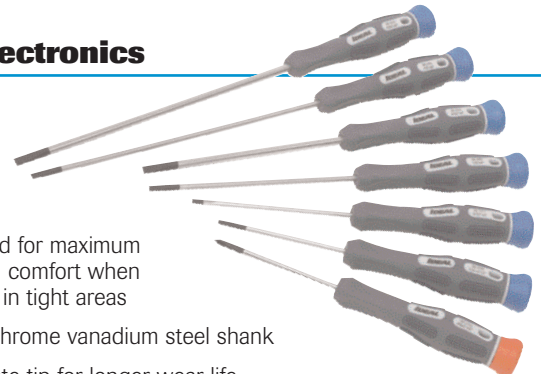
Square-Recess Tip



- Precise tip for square-recess screws
- Color-coded handle for easy identification
- Nickel-chrome plating for corrosion resistance
- Tough, chrome vanadium steel shank
- Cushioned rubber grip
- Lifetime guarantee

Description	Color Code	For Screw Sizes	Cat. No.
#0 x 4 in.	Yellow	3, 4	35-690
#1 x 4 in.	Green	5, 6, 7	35-691
#1 x 8 in.	Green	5, 6, 7	35-692
#2 x 4 in.	Red	8, 9, 10	35-693
#2 x 8 in.	Red	8, 9, 10	35-694
#3 x 4 in.	Black	12, 14	35-695
#3 x 8 in.	Black	12, 14	35-696

Slim Electronics



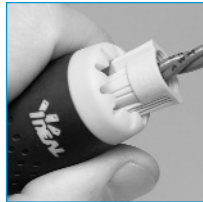
- Designed for maximum handling comfort when working in tight areas
- Tough, chrome vanadium steel shank
- Phosphate tip for longer wear life
- Rotating cap for optimum control for precise centering
- Color-coded cap for easy identification
- Lifetime guarantee

Description	Style	Blade Length	Cat. No.
3/32 in.	Cabinet Tip	2-1/2 in.	36-240
3/32 in.	Cabinet Tip	3 in.	36-241
1/8 in.	Cabinet Tip	4 in.	36-242
1/8 in.	Cabinet Tip	6 in.	36-243
5/32 in.	Cabinet Tip	4 in.	36-244
5/32 in.	Cabinet Tip	6 in.	36-245
#0 - 1/8 in.	Phillips head	2-1/2 in.	36-246
7-Piece Set includes one each of 36-240 thru 36-246			36-248
4-Piece Set includes one each of 36-240, -241, -242 & -246			36-249

Twist-a-Nut Pro™ Electrician's Screwdriver

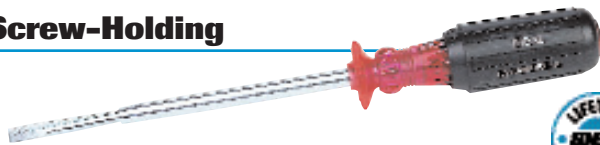


- Convenient wrench socket in end of handle
- Wire-looping hole in handle
- Vapor-blasted tip prevents plate chipping
- Precision ground tip provides secure fit in screw slot
- Tough, chrome vanadium steel shank



Description	Cat. No.
1/4 in. x 6 in. – #2 Square Tip	30-330
1/4 in. x 4 in. – Keystone Tip	30-331
1/4 in. x 4 in. – #2 Phillips Tip	30-332
1/4 in. x 6 in. – Cabinet Tip	30-333

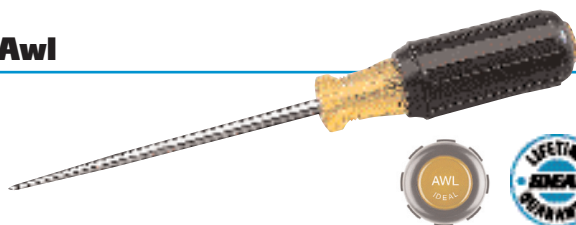
Screw-Holding



- Split blade wedges into screw slot when collar is extended
- Holds screw in place when installing in hard to reach locations
- Tough, chrome vanadium steel shank and comfort grip handle
- Lifetime guarantee

Description	Blade Length	Total Length	Cat. No.
3/16 in. x 4 in.	4 in.	8 in.	35-404
3/16 in. x 6 in.	6 in.	10 in.	35-406
3/16 in. x 8 in.	8 in.	12 in.	35-408

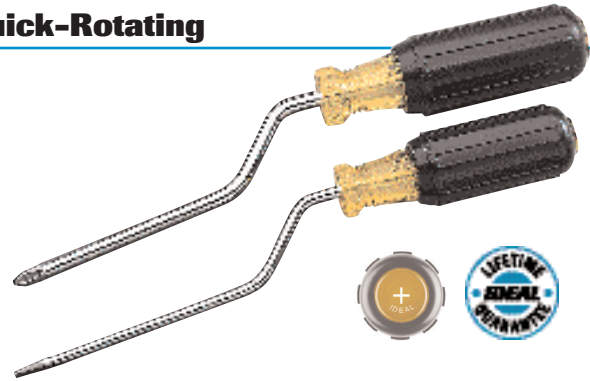
Awl



- Heavy-duty construction for piercing, punching and scribing
- Identification mark on end
- Cushioned rubber grip
- Lifetime guarantee

Description	Blade Length	Total Length	Cat. No.
Awl	3 in.	6-3/4 in.	35-202

Quick-Rotating



- Ideal for threading screws in switches, fixtures and anchors
- Identification mark on ends
- One-handed crank action for quick and easy use
- Vapor-blasted tip prevents plate chipping
- Precision ground tip provides secure fit in screw slot
- Nickel-chrome plating for corrosion resistance
- Tough, chrome vanadium steel shank
- Cushioned rubber grip
- Lifetime guarantee

Description	Total Length	Cat. No.
3/16 in. Shank and Tip	8-3/4 in.	35-200
#2 Phillips Tip and 1/4 in. Shank	9-3/4 in.	35-203

Twist-a-Nut™ Conduit Deburring Tool



- Deburrs inside and outside edges of 1/2 in., 3/4 in. and 1 in. thin wall conduit
- Hooded tip tightens EMT fitting set screws without slipping
- Square tip “seats” much more quickly on fitting screws than slotted version
- Head removes and is interchangeable with IDEAL 7-in-1 Twist-a-Nut™ Screwdriver shaft (#35-908)
- Head can be used in drill or cordless screwdriver
- Universal Wire-Nut® Wire Connector wrench in handle end eases installation of twist-on connectors
- Lifetime guarantee (excludes blades)



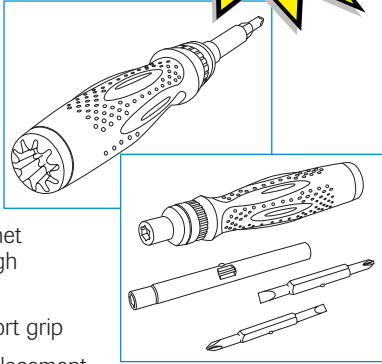
35-098

Description	Cat. No.
Conduit Deburring Tool, slotted tip	35-083
Conduit Deburring Tool - head only, slotted tip	35-096
Conduit Deburring Tool - #2 square tip	35-075
Conduit Deburring Tool - head only, #2 square tip	35-098
Replacement Blades (2/pack)	35-097

9-in-1 Ratch-a-Nut™ Screwdriver



- Ratcheting wire connector wrench prevents finger fatigue and gets in tight spots
- Premium screwdriver ratchet mechanism can handle high torque without failure
- Ergonomic, slip-free comfort grip
- Accepts Twist-a-Nut™ replacement bits
- Includes: 1/4 in. and 3/16 in. slotted, #1 & #2 Phillips, 1/4 in., 5/16 in., 7/16 in. nutdrivers, ratcheting screwdriver end, ratcheting wire connector wrench and wire-looping hole in handle



Description	Cat. No.
9-in-1 Ratch-a-Nut™ Screwdriver	35-988

7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver

- Includes universal Wire-Nut® Wire Connector wrench in handle to help install twist-on wire connectors
- Includes wire-looping hole in handle
- Includes #1 & #2 Phillips, 1/4 in. & 3/16 in. slotted, 1/4 in. & 5/16 in. Nutdriver
- #35-909 includes #1 & #2 Square Recess in place of #1 & #2 Phillips
- Twist-a-Nut™ handle is interchangeable with new conduit deburrer head (#35-096) and 6-in-1 Tap (#35-922)



Description	Cat. No.
7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver	35-908
7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver with square	35-909

Replacement Bits (for both Ratch-a-Nut™ and Twist-a-Nut™)

Description	Cat. No.
1/4 in. slotted – #2 Phillips	35-911
3/16 in. slotted – #1 Phillips	35-912
1/4 in. slotted – #2 Square Recess	35-913
3/16 in. slotted – #1 Square Recess	35-914
#15 & #10 Torx®	35-915

Torx® is a trademark of Camcar division of Textron, Inc.

Twist-a-Nut™ Conduit Wiring Kit

- Includes Twist-a-Nut™ Screwdriver (35-908), Twist-a-Nut™ Deburring Head-Square Tip (35-098), Twist-a-Nut™ Tap Tool Shaft (35-923), Three Spare Bits (1/4 in. slotted & #2 square, 3/16 in. slotted & #1 square, #10 & #15 Torx®), 8-Pocket Carrying Pouch (35-927)
- Nylon carrying pouch holds all three Twist-a-Nut™ tools plus room for four replacement bits or taps
- Strong easy-slide metal belt clip



Description	Cat. No.
Twist-a-Nut™ Combo Pack	35-926
Twist-a-Nut™ Carrying Pouch only	35-927

10-in-1 Screwdriver/Nutdriver

- Includes 1/4 in. slotted, #2 Phillips, 3/16 in. slotted, #1 Phillips, #1 & #2 square recess, #15 and #10 Torx® and 5/16 in. & 1/4 in. Nutdriver
- Cushion grip for comfort and performance



Description	Cat. No.
10-in-1 Screwdriver/Nutdriver	35-910

Replacement Bits (for 10-in-1 Screwdriver)

Description	Cat. No.
1/4 in. slotted – #2 Phillips (2/pack)	35-940
3/16 in. slotted – #1 Phillips (2/pack)	35-941
#1 & #2 Square Recess (2/pack)	35-942
#15 & #10 Torx® (2/pack)	35-943

Torx® is a trademark of Camcar division of Textron, Inc.

5-in-1 Screwdriver/Nutdriver

- Contains: 5/16 in. nutdriver, #1 Phillips, #2 Phillips, 9/32 in. slotted and 3/16 in. slotted
- Cushion grip for performance and comfort



Description	Cat. No.
5-in-1 Screwdriver/Nutdriver	35-905

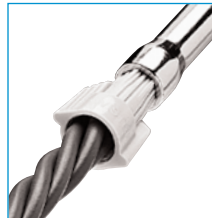
Replacement Bits (for 5-in-1 Screwdriver)

Description	Cat. No.
#1 Phillips – 3/16 in. slotted	LA-4123
#2 Phillips – 9/32 in. slotted	LA-4124

Nutmaster® Nutdriver



- Long, hollow shank handles longer bolts
- Identification and color coding on ends
- Nickel/chrome plated to resist rust and corrosion
- Cushioned rubber grips
- Models 35-292 and 35-295 fit Twister® Wire Connectors
- Lifetime guarantee



Description	Shaft Length	Color	Cat. No.
3/16 in.	3-1/4 in.	Black	35-290
1/4 in.	3-1/4 in.	Red	35-291
5/16 in.	3-1/4 in.	Yellow	35-292
11/32 in.	3-1/4 in.	Green	35-293
3/8 in.	3-1/4 in.	Blue	35-294
7/16 in.	4 in.	Brown	35-295
1/2 in.	4 in.	Red	35-296

7-Piece Nutdriver Set

Includes:

- 3/16 in. x 3-1/4 in.
- 1/4 in. x 3-1/4 in.
- 5/16 in. x 3-1/4 in.
- 11/32 in. x 3-1/4 in.
- 3/8 in. x 3-1/4 in.
- 7/16 in. x 4 in.
- 1/2 in. x 4 in.



Description	Cat. No.
7-Piece Nutdriver Set	35-299

CAUTION: Never use pliers or cutters on live electrical circuits.

WARNING: The cushion grips on handles are for comfort, **NOT** protection against electrical shock and should not be used on live circuits.

WARNING: Plastic-dipped or slip-on handles **NOT** for protection against electrical shock.

6-in-1 Twist-a-Nut™ Tapping Tool

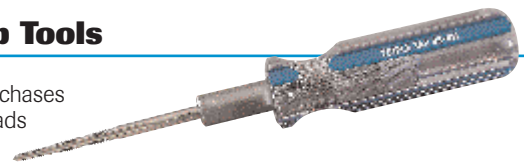
- Forms new threads, re-forms burred threads and cleans out obstructions
- Reversible, high-carbon tap with three clearly marked thread sizes on each end
- Handle is interchangeable with 7-in-1 Screwdriver (35-908) and Conduit Deburrer (35-083)



Description	Cat. No.
6-32, 8-32 & 10-32 on one tapping side, 10-24, 12-24 & 1/4-20 on the other	35-922
Twist-a-Nut™ Shaft assembly includes: Collar, 35-422 & 35-423	35-923

Triple-Tap Tools

- Cleans and chases burred threads
- Taps three hole sizes



Color Code	Thread Sizes	Cat. No.
Blue	10/24, 8/32, & 6/32	35-411
Orange	10/32, 8/32, & 6/32	35-412

Replacement Taps (for 35-922, 35-411 and 35-412)

Thread Sizes	Replacement Tap Cat. No.
10/24, 8/32, & 6/32	35-421
10/32, 8/32, & 6/32	35-422
10/24, 12/24 & 1/4-20	35-423

Cable Splicing Knife

- High carbon steel blade remains sharp and cuts easily through many insulation types
- Comfortable, full size, no slip handle for easy use



35-091

Description	Cat. No.
Cable Splicing Knife and Leather Holder	35-091
Leather Knife Holder Only	35-092

Automatic Blade Lock Measuring Tape

- Blade automatically stays out when extended
- Push button for smooth blade retraction
- Comfortable, shock-resistant rubber grip



Description	Cat. No.
Auto-Lock™ Tape Measure - 25 ft.	35-242
Dual-marked metric/imperial Auto-Lock™ Tape Measure - 7.5m	35-242M

Magnetic-Tip Measuring Tapes

- Strong magnetic tip for one person measurement
- Durable nylon coated blade
- Full rubber jacket protects case



Description	Cat. No.
Mag-Tape™ Tape Measure - 25 ft.	35-238
Dual-marked metric/imperial Mag-Tape™ Tape Measure - 7.5m	35-238M

Premium Utility Knife

- Quick-change utility blade requires no disassembly for replacement
- Stainless steel multi-purpose pocket knife blade included
- Non-slip comfort grip
- Built-in pull-line cutter
- Includes 2 spare blades in handle



Description	Cat. No.
Premium Utility Knife	35-282

Utility Knife

- Quick-change retractable blade system – no disassembly required
- Built in pull-line cutter
- Includes three blades in storage compartment



Description	Cat. No.
Utility Knife	35-300
Replacement blades – Universal (5/pack)	35-301

Hawkbill Knife

- 2-1/4 in. curved, high-carbon stainless steel blade locks in position
- Durable Buyrate® non-slip handle
- Brass liners



Description	Cat. No.
Hawkbill Knife	35-286

Electrician's Knife

- 2-1/4 in. spearpoint blade and screwdriver blade that locks in position
- High carbon stainless steel blade construction for extra strength and durability
- Notched blade for skinning wires
- Durable Buyrate® non-slip handle
- Brass liners



Description	Cat. No.
Electrician's Knife	35-285

Lineman's Jack Knife

- 2-1/4 in. high-carbon steel, stainless steel sheepfoot blade locks in position
- Durable Buyrate® non-slip handle
- Brass liners



Description	Cat. No.
Lineman's Jack Knife	35-287

Hex-Key Sets

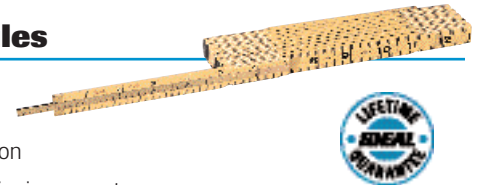
- 8650 steel construction
- One-piece, chrome-plated handle
- Internal tension spring and belt loop
- Lifetime guarantee



Description	Cat. No.
3 in. handle w/eight 2-in. keys (.050 in., 1/16 in., 5/64 in., 3/32 in., 7/64 in., 1/8 in., 9/64 in. & 5/32 in.)	35-145
4 in. handle w/nine 3-in. keys (5/64 in., 3/32 in., 7/64 in., 1/8 in., 9/64 in., 5/32 in., 3/16 in., 7/32 in. & 1/4 in.)	35-146
5-1/4 in. handle w/five 5-in. keys (3/16 in., 7/32 in., 1/4 in., 5/16 in. & 3/8 in.)	35-147

Extension Rules

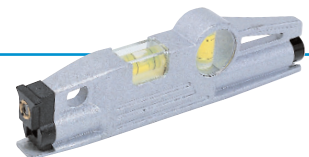
- Opens to 6 ft. with graduated 6 in. brass extension
- Markings at 1/16 in. increments with stud markings every 16 in.
- Embedded and sealed markings resist abrasion
- Hardwood slat construction with brass strike plates
- Positive-locking, spring-actuated folding joints
- Lifetime guarantee



Description	Cat. No.
Extension Rule w/inside read	35-220
Extension Rule w/outside read	35-221

Mini Laser Level

- Super bright 635nm laser shoots red dot or horizontal line
- Durable cast aluminum body
- Rare earth magnet for superior holding power
- Compact size for easy use and storage
- Levels and aligns conduit, electrical boxes and stud holes



Description	Cat. No.
Mini Laser Level	35-207

Torpedo Level

- 9 in. aluminum frame with magnetic and V-grooved edges
- White windows provide easy reading of plumb level and 45° mitre in dim lighting



Description	Cat. No.
9 in. Torpedo Level	35-205

Fiberglass-Handled Hammers



- Drop-forged, tempered-steel polished head
- Strong, shock-absorbent fiberglass handle
- Long, straight claws simplify removal of electrical fixtures
- Comfortable, perforated Neoprene grips
- Electrician's version has elongated neck for hitting inside boxes



Description	Cat. No.
18 oz. x 12-1/2 in. Electrician's Fiberglass-handled Hammer	35-210
20 oz. x 12 in. Fiberglass-handled Hammer	35-212

Electric Engraving Tools

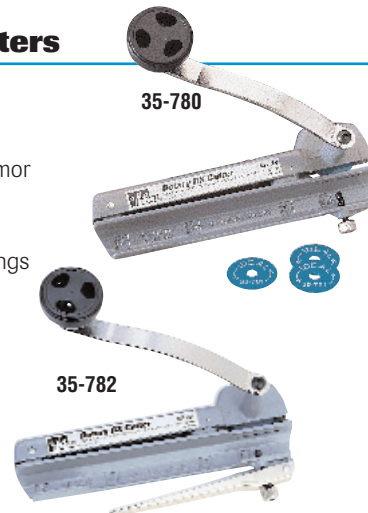
- Low-cost, industrial-quality marker quickly and easily engraves metal, glass, stone, ceramics, plastics, hard rubber, wood and many other hard materials
- Unique design reduces bouncing and provides smooth, easy writing
- Operates at 7,200 strokes per minute
- Stroke adjusts to vary depth of mark
- Includes carbide-tipped point for normal markings
- Diamond point available for engraving extra-hard materials (50 to 64 Rockwell, scale C)



Description	Cat. No.
Engraver w/carbide-tipped point — 120V, 60 Hz	11-111
Engraver w/carbide-tipped point & 3-conductor grounded cord & plug — 120V, 60 Hz	11-113
Engraver w/carbide-tipped point — 220V, 50 Hz	11-115
Carbide-tipped replacement point	11-200
Diamond replacement point	11-201

Rotary BX/MC Cutters

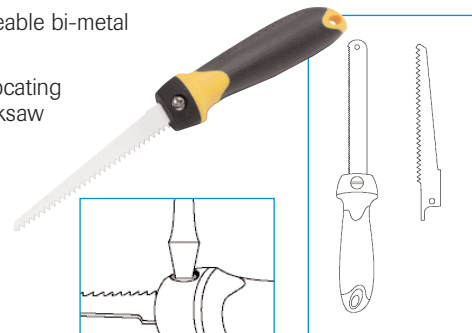
- Handles all common BX, MC and Flex cables
- Blue sapphire blade cuts armor without damage to internal conductors
- Splices cleanly through casings with only a few turns
- Thumbscrew holds cable securely in place
- Epoxy-coated to resist corrosion
- Handle knob stores up to six replacement blades
- Cuts #14, #12 and #10 BX
- Cuts #8-1 and 3/8" flex
- Cuts MC cables with 2, 3 or 4 wires



Description	Cat. No.
Rotary BX/MC Cutter with thumb screw	35-780
Replacement blades (5 per pack)	35-781
Rotary BX/MC Cutter with lever	35-782

Job Saw

- Includes replaceable bi-metal wallboard blade
- Holds all reciprocating blades and hacksaw blades
- Ergonomic grip



Description	Cat. No.
Job Saw	35-275
Replacement blade	36-088

Monster-Wipes™ The Multi-Purpose Towel

- Pre-moistened wipes require no water
- Cleans dirt, grease, lube and grime
- Durable fabric scrubs without tearing
- Infused with natural hand moisturizers and Vitamin E
- Orange citrus scent



Description	Qty.	Cat. No.
Monster-Wipes™, 12" x 9"	82/can	38-500



Tool Kits

Tool kits designed to meet the needs of the professional electrician, from apprentice to master electrician. Kit selections have been established with the guidance from leading electrical trainers and seasoned master electricians. Whether you're just starting out or are a seasoned professional, IDEAL Tool Kits provide the perfect carrier and tools to do the job.

Premium Leather Line

Top of the line tool carriers are handcrafted from heavy, top-grain cowhide and slow tanned in natural oils to enhance the leather's inherent strength. Each bag is hand waxed for lasting protection against stains and moisture and is warranted for life. Natural or black leather - your choice.



Tool Carriers



Standard Leather Line

Leather that stands up to the job like no other material, these tool carriers are constructed of top-grain, natural cowhide and tanned for added strength and durability. Watch their color age to a deep tan over the years.

Fabric Line

Durable, lightweight, portable tool totes in rugged nylon polyester or heavyweight canvas provide the perfect tool storage. Convenient pockets mean easy access; inner compartments keep your tools organized and safe when not in use.



Premium Tool Carrier Tool Kit



Kit 35-804 Includes:

Description	Cat. No.
Smart-Grip™ Side-Cutter Pliers w/Crimp, 9 in.	30-3430
Multi-Crimp Tool	30-429
Fuse Puller, Pocket	34-002
Diagonal Cutting Pliers, 8 in.	35-028
Long Nose Pliers w/Cutter, 8 in.	35-038
Round Shank Screwdriver, 1/4 in. x 4 in.	35-164
Cabinet Tip Screwdriver, 3/16 in. x 6 in.	35-186
Phillips Screwdriver, 3/16 in. x 3 in. x #1	35-193
Phillips Screwdriver, 1/4 in. x 4 in. x #2	35-194
Torpedo Level, 9 in.	35-205
Auto-Lock™ Tape Measure, 25 ft.	35-242
Hawkbill Knife	35-286
Premium Tuff-Tote™ Tool Carrier - Black	35-969BLK
Reflex™ T [®] -5 T [®] -Stripper Wire Stripper	45-415

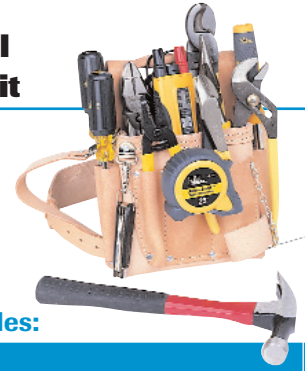
Master Electrician's Kit



Kit 35-809 Includes:

Description	Cat. No.
Round Shank Screwdriver, 1/4 in. x 4 in.	35-164
Cabinet Tip Screwdriver, 3/16 in. x 6 in.	35-186
Phillips Screwdriver, 3/16 in. x 3 in. x #1	35-193
Phillips Screwdriver, 1/4 in. x 4 in. x #2	35-194
Torpedo Level, 9 in.	35-205
Electrician's Hammer, 18 oz.	35-210
Auto-Lock™ Tape Measure, 25 ft.	35-242
Hawkbill Knife	35-286
Smart-Grip™ High-leverage Pliers, New England, 9 in.	35-3012
Smart-Grip™ Long Nose Pliers w/Cutter, 8 in.	35-3038
Smart-Grip™ Cable Cutter, 2/0, 9-1/2 in.	35-3052
Smart-Grip™ Tongue & Groove Pliers, 10 in.	35-3430
Screw-Holding Screwdriver, 3/16 in. x 6 in.	35-406
7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver	35-908
Tuff-Tote™ Ultimate Tool Carrier, Premium Leather	35-975
Kinetic™ Reflex™ T [®] -Stripper Wire Stripper	45-915
Vol-Con® XL Voltage/Continuity Tester	61-086

Standard Tool Pouch Tool Kit



Kit 35-800 Includes:

Description	Cat. No.
Offset Diagonal Cutting Pliers, 8 in.	35-029
7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver	35-908
Cable Cutter, 2/0, 9-1/2 in.	35-052
Round Shank Screwdriver, 1/4 in. x 4 in.	35-164
Phillips Screwdriver, 1/4 in. x 4 in. x #2	35-194
Electrician's Hammer	35-210
Auto-Lock™ Tape Measure, 25 ft.	35-242
Electrician's Knife	35-285
Smart-Grip™ Long Nose Pliers	35-3038
Tuff-Tote™ Tool Pouch, Standard Leather	35-311
1-3/4 in. Buckle Belt	35-316
Smart-Grip™ Side-Cutter Pliers w/Crimp, 9 in.	30-3430
Tongue & Groove Pliers, 9.5 in.	35-420
Premium T [®] -5 T [®] -Stripper Wire Stripper	45-215
Vol-Con® XL Voltage/Continuity Tester	61-086
Replacement Battery	61-201

Journeyman Electrician's Kit



Kit 35-790 Includes:

Description	Cat. No.
Fuse Puller, Pocket	34-002
Round Shank Screwdriver, 1/4 in. x 4 in.	35-164
Cabinet Tip Screwdriver, 3/16 in. x 6 in.	35-186
Phillips Screwdriver, 3/16 in. x 3 in. x #1	35-193
Phillips Screwdriver, 1/4 in. x 4 in. x #2	35-194
Torpedo Level	35-205
Auto-Lock™ Tape Measure, 25 ft.	35-242
Hawkbill Knife	35-286
Smart-Grip™ High Leverage Pliers, New England, 9 in.	35-3012
Smart-Grip™ Long Nose Pliers w/Cutter, 8 in.	35-3038
Smart-Grip™ Tongue & Groove Pliers, 10 in.	35-3430
Journeyman Electrician's Tote™	35-462
Kinetic™ Reflex™ T [®] -Stripper Wire Stripper	45-915

Large Mouth 18" Kit



Kit 35-808 Includes:

Description	Cat. No.
Large Mouth Bag, 18 in., Blue	35-427
Reflex™ T®-5 T®-Stripper Wire Stripper	45-415
High-Leverage Pliers, New England, 9 in.	35-012
Long Nose Pliers w/Cutter, 8 in.	35-038
Tongue & Groove Pliers, 10 in.	35-430
Cable Cutter, 2/0, 9-1/2 in.	35-052
Combo Crimp/Strip Tool	30-428
Cabinet Tip Screwdriver, 3/16 in. x 6 in.	35-186
Phillips Screwdriver, 3/16 in. x 3 in. x #1	35-193
Phillips Screwdriver, 1/4 in. x 4 in. x #2	35-194
Round Shank Screwdriver, 1/4 in. x 4 in.	35-164
Hawkbill Knife	35-286
Auto-Lock™ Tape Measure, 25 ft.	35-242
Fuse Puller, Pocket	34-002
Electrician's Hammer	35-210
Ergonomic Hacksaw	35-261

Electrician's Tool Kit



Kit 35-805 Includes:

Description	Cat. No.
Electrician's Tool Pouch	10-466
2 in. Web Belt	10-398
High-Leverage Pliers, New England, 9 in.	35-012
Diagonal Cutting Pliers, 8 in.	35-028
Long Nose Pliers w/Cutter, 8 in.	35-038
Cabinet Tip Screwdriver, 3/16 in. x 4 in.	35-184
Cabinet Tip Screwdriver, 3/16 in. x 6 in.	35-186
Phillips Screwdriver, 3/16 in. x 3 in. x #1	35-193
Phillips Screwdriver, 1/4 in. x 4 in. x #2	35-194
Auto-Lock™ Tape Measure, 25 ft.	35-242
Tongue & Groove Pliers, 10 in.	35-430
Premium T®-5 T®-Stripper Wire Stripper	45-215

6-Piece Hip Kit



Kit 35-794 Includes:

Description	Cat. No.
6-Pocket Hip Pouch, Black	35-784BLK
Smart-Grip™ Side Cutter Plier w/Crimp Die	30-3430
Auto-Lock™ Tape Measure, 25 ft.	35-242
Utility Knife	35-300
7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver	35-908
Kinetic™ Reflex™ T®-Stripper Wire Stripper, 10-18 AWG	45-915

5-Piece Hip Kit



Kit 35-792 Includes:

Description	Cat. No.
6-Pocket Hip Pouch, Black	35-784BLK
High-Leverage Pliers, New England, 9 in.	35-012
Cabinet Tip Screwdriver, 3/16 in. x 6 in.	35-186
Phillips Screwdriver, 1/4 in. x 4 in. x #2	35-194
T®-5 T®-Stripper Wire Stripper	45-120

4-Piece Hip Kit



Kit 35-793 Includes:

Description	Cat. No.
3-Pocket Hip Pouch, Standard	35-964
Smart-Grip™ Side Cutter Plier w/Crimp Die, 9 in.	30-3430
7-in-1 Twist-a-Nut™ Screwdriver/Nutdriver	35-908
Kinetic™ Reflex™ T®-Stripper Wire Stripper, 10-18 AWG	45-915

Tuff-Tote™ Ultimate Tool Carriers



- Eight-inch square tool carrier features two divided inside compartments with six screwdriver loops each, one large center compartment, four outside pockets and eight outside tool loops
- Exclusive leather-wrapped grab handle for carrying comfort
- Removable shoulder strap helps relieve lower back strain
- Unique stand-alone design keeps tools standing upright for easy identification and access
- Rust-resistant, plated-steel hardware and heavy, lock-stitched nylon thread for long-term durability
- Oil and moisture-resistant reinforced bottom

Description	Cat. No.
Premium Leather Carrier w/shoulder strap	35-975
Premium Black Leather Carrier w/shoulder strap	35-975BLK
Standard Leather Carrier w/shoulder strap	35-325

Electrician's Tool Pouch

- Seven-pocket tool pouch
- Full length belt tunnel
- Chain tape lanyard



Description	Cat. No.
Electrician's Tool Pouch	10-466

Hip Holster Tool Pouches

- Compact, multi-pocket holsters
- Heavy-duty leather construction
- Riveted corners for long life
- Tape measure holder



Description	Cat. No.
6-Pocket Hip Holster, Black	35-784BLK
3-Pocket Hip Holster, Standard	35-964

Tuff-Tote™ Tool Carriers



- Convenient 6 in. x 8 in. tool carrier with four center screwdriver slots, two interior compartments, two divided outside pockets and four outside tool loops
- Exclusive leather grab handle for carrying comfort
- Removable shoulder strap helps relieve lower back strain
- Unique stand-alone design keeps tools standing upright for easy identification and access
- Rust-resistant, plated-steel hardware and heavy, lock-stitched nylon thread for long-term durability
- Oil and moisture-resistant reinforced bottom

Description	Cat. No.
Premium Leather Carrier w/shoulder strap	35-969
Premium Black Leather Carrier w/shoulder strap	35-969BLK

Tuff-Tote™ Tool Pouches



- Eight-pocket, belt-mounted pouch features large utility compartment with two dividers and six screwdriver loops, seven outside pockets, release snaps and tape chain
- Exclusive leather grab handle for carrying comfort
- Removable shoulder strap helps relieve lower back strain
- Rust-resistant, plated-steel hardware and heavy, lock-stitched nylon thread for long-term durability
- Tunnel belt loop accommodates belts up to 2-1/4 in. wide

Description	Cat. No.
Premium Leather Pouch w/shoulder strap	35-950
Premium Black Leather Pouch w/shoulder strap	35-950BLK
Standard Leather Pouch w/shoulder strap	35-311

Tuff-Tote™ Shoulder Bag



- Compact tool organizer with closing flap for added security and protection
- Features three inside compartments with six screwdriver loops, small closed outside pocket for small tools or connectors and flat back pocket for papers or slim tools
- Exclusive leather-wrapped grab handle for carrying comfort
- Detachable shoulder strap helps relieve lower back strain
- Rust-resistant, plated-steel hardware and heavy, lock-stitched nylon thread for long-term durability

Description	Cat. No.
Premium Leather Shoulder Bag w/shoulder strap	35-980
Premium Black Leather Shoulder Bag w/shoulder strap	35-980BLK

Tuff-Tote™ Cell Phone Pouches



- Fits most phones
- Closing flap for added security and protection
- Convenient belt strap

Description	Cat. No.
Premium Leather Pouch w/belt strap	35-958
Premium Black Leather Pouch w/belt strap	35-958BLK

Tuff-Tote™ Tester Pouches



- Fits most hand-held testers
- Easy-access top
- Convenient belt strap

Description	Cat. No.
Premium Leather Pouch w/belt strap	35-956
Premium Black Leather Pouch w/belt strap	35-956BLK
Standard Leather Pouch w/belt strap	35-339

Note: Tester sold separately

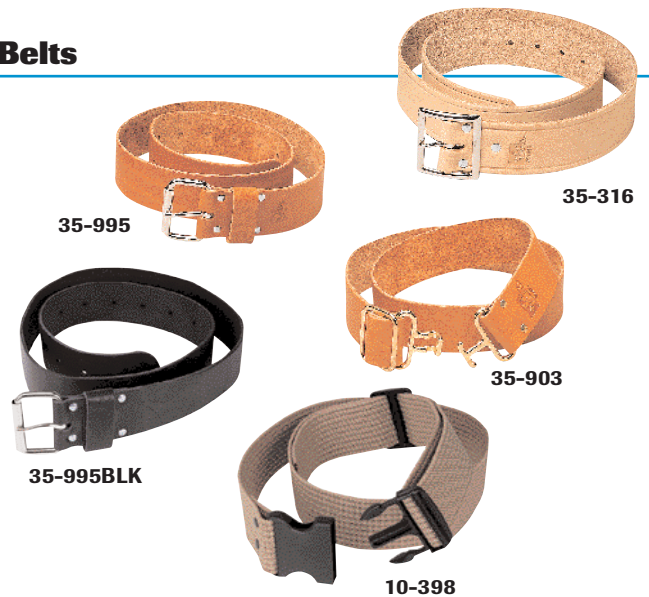
Shoulder Straps



- Nickel-plated hardware for long-term durability and corrosion resistance
- 2-in. wide shoulder pad for added comfort

Description	Cat. No.
Premium Leather Strap	35-965
Premium Black Leather Strap	35-965BLK
Standard Leather Strap	35-338

Belts

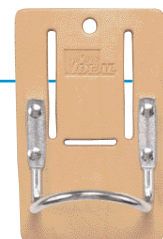


- Nickel-plated hardware for long-term durability and corrosion resistance

Description	Cat. No.
Premium Leather Belt – 2 in. x 48 in.	35-995
Premium Black Leather Belt – 2 in. x 48 in.	35-995BLK
Premium Leather Belt w/Clasp Buckle – 2 in. x 48 in.	35-903
Standard Leather Belt – 1-3/4 in. x 46 in.	35-316
Web Belt	10-398

Hammer Holder

- Heavy-duty leather construction
- Riveted steel hammer loop
- Fits on all sizes of tool belts



Description	Cat. No.
Hammer Holder	10-399

Tool Carriers

Pocket Pal™ Tool Holsters

- Protects pocket from sharp tools
- Doubles tool carrying capacity
- Can be worn in pocket or on belt



Description	Cat. No.
Pocket Pal™ Tool Holster - Blue	35-505

Note: Tools sold separately.

Belt Bag™ Supplies Pouches

- Holds wire connectors, staples, and other supplies ready for use on the job
- Easy access opening closes automatically to keep supplies safely retained until needed



Description	Cat. No.
Belt Bag™ Supplies Pouch - Blue	35-405

Mechanic's Tool Bag

- Eight narrow inside pockets designed to hold small tools
- Two side pockets with closeable snaps for large tools or loose items
- Double inside liner and rigid bottom prevent bag distortion
- Durable nylon polyester construction



Description	Cat. No.
Mechanic's Tool Bag	35-535

Divider Pouch™ Small Parts Bag

- Designed to provide perfect small parts storage — keeps parts separate and organized
- Six internally divided 5-in. deep pockets
- Convenient drawstring protects contents from spillage
- Convenient handle loop
- Sized to stack in 5-gallon buckets
- Durable nylon polyester construction

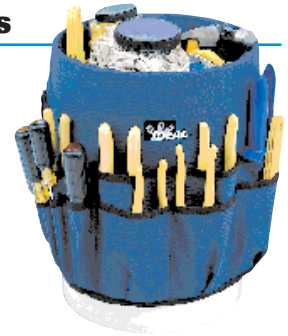


Description	Cat. No.
Divider Pouch™ - Blue	35-655

Note: Wire Connectors sold separately.

Bucket Bag Tool Carriers

- 11-1/2 in. deep bag fits over the rim of a standard 5-gallon bucket
- Forty-three convenient pockets — 36 pleated outside and inside pockets
- Rugged nylon polyester construction



Description	Cat. No.
Bucket Bag Tool Carrier - Blue	35-665

Note: Tools sold separately.

Supplies Apron

- Two pockets for connectors and fasteners, each 8 in. x 15 in.
- Natural duck construction



Description	Cat. No.
Supplies Apron	35-474

Tool Carrier™/Electrician's Carrier™ Tool Bags



- Stitched outer pockets provide convenient storage and quick access for frequently used tools
- Heavy-duty, 18 oz. canvas construction
- Velcro® closure protects contents from loss

Description	Cat. No.
Tool Carrier™ Tool Bag — 7-1/2 in. D x 17 in. L x 6-1/4 in. W	35-533
Electrician's Carrier™ Tool Bag — 10 in. D x 17 in. L x 6-1/4 in. W	35-534

Note: Tools sold separately.

Large Mouth Bags

- Top opens completely for easy access to large tools – reinforced to hold itself open
- Measures 9 in. wide x 12 in. deep with outside and inside pockets for convenient hand tool storage
- Rugged zipper closure helps prevent tool loss
- Removable shoulder strap
- Durable multi-ply construction



Description	Cat. No.
Large Mouth Bag – 13 in. long – Blue	35-410
Large Mouth Bag – 16 in. long – Blue	35-418
Large Mouth Bag – 18 in. long – Blue	35-427
Large Mouth Bag – 20 in. long – Blue	35-431
Large Mouth Bag – 24 in. long – Blue	35-463

Note: Tools sold separately.

Canvas Tool Bag

- Extra large 16 in. x 16 in. tool bag
- Reinforced steel framework
- Genuine leather handles and straps
- Heavy-weight canvas sides with interior pocket



Description	Cat. No.
Canvas Tool Bag	35-302

Journeyman Electrician's Tote™

- Compact and versatile design
- Carry as a hand-tote, shoulder-tote, or tool-belt
- Includes removable shoulder strap and belt
- Durable multi-ply construction



Description	Cat. No.
Journeyman Electrician's Tote™ - Blue	35-462

Master Electrician's Tote™

- Spacious and durable design
- Organizes and displays tools for fast access
- Includes removable shoulder strap
- Durable multi-ply construction



Description	Cat. No.
Master Electrician's Tote™ – Blue	35-441

Zipper Pouches

- Durable, water resistant material
- Heavy duty, self-repairing zippers



Description	Cat. No.
Zipper Pouch 10-1/2 in. long – Blue	35-402
Zipper Pouch 12-1/2 in. long – Blue	35-403

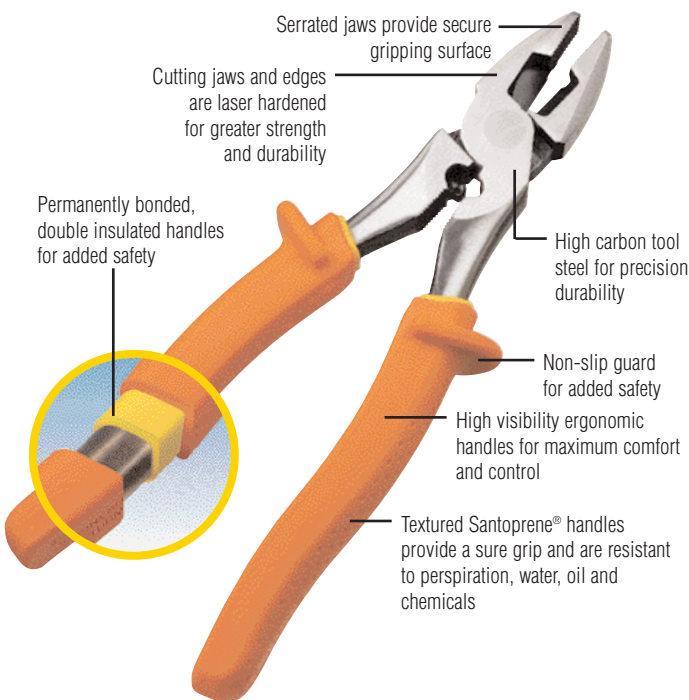
Tool Carriers

Insulated Tools

The IDEAL insulated tool line creates a perfect blend of safety, comfort and precision functionality. Each tool features double insulated Santoprene® handles with a soft, easy-to-grip outer surface. In addition to the ergonomic qualities found in our tools, the insulated coating process acts as an 'at-a-glance' safety check. If the orange outer coating reveals any of the inner yellow surface, an electrician will know that this tool needs to be replaced.

Pliers

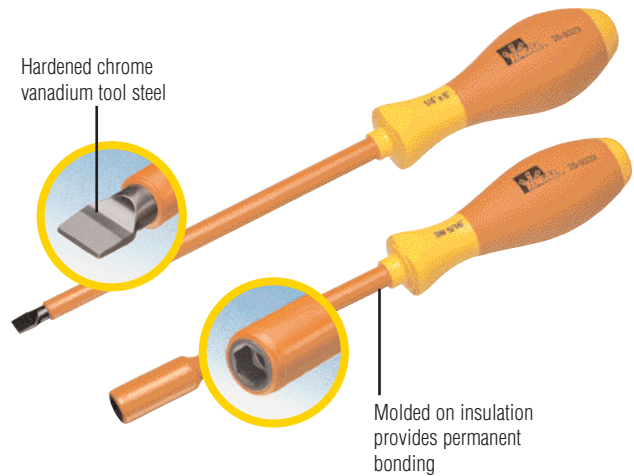
- First UL tested and classified insulated tools available
- 1000 Volt certified (1000V AC, 1500V DC)
- Meets ASTM F1505-01 and IEC 60 900 standards
- Meets OSHA requirements for insulated tools (29 CFR 1910)



Screwdrivers

IDEAL insulated screwdrivers and nutdrivers are individually tested and VDE certified to 1000V AC (1500V DC). Each one is designed and tested to meet ASTM F1505-01, EN, DIN, and IEC 60 900 test standards.

- Ergonomic cushioned grips provide 40% more torque than conventional handles, even when wearing gloves
- Tempered blades finished with black oxide and super hardened for maximum quality
- Precision ground tips provide secure fit for less spin-out
- Meets OSHA requirement (29 CFR 1910) for insulated tools



Whenever possible, always de-energize lines and equipment prior to working on or around them. 1000V insulated tools are designed only to reduce the chance of injury where the tool may make contact with an energized source. Work around energized circuits should only be done when absolutely necessary and only by qualified technicians. Property damage, personal injury or death may result if the following warnings are not heeded:

- Do not use any insulated tool if the insulation cracks, breaks or becomes damaged in any way. Destroy all dual-layer tools if the inner yellow layer shows through the orange outer layer.
- Do not touch the uninsulated portion of an insulated tool or any conductive object when either might contact an energized source.
- Tools must be kept clean and dry for proper insulating properties.
- Always inspect insulated tools before use.
- Use additional protection by wearing protective clothing and approved eye protection.
- Always use tools that are specifically designed for the task.
- **These tools meet UL 22PP, ASTM F1505-01 and IEC 60900 standards for insulated tools.**
- **Always follow OSHA 1910 S and NFPA 70E safety requirements when doing electrical work.**

REGULATIONS

Testing:

- Every 1000V insulated tool we sell is individually tested to ensure no failure when subjected to live current.

UL and VDE Certification:

- Listed below are some of the tests we perform in order to pass certification:
 - Tools are immersed in water for 24 hours, then tested under current for 3 minutes to ensure no current leakage or sparkover occurs.
 - After being stored for 168 hours at -40° C (-40° F), tools are dropped to ensure no damage from impact.
 - After being stored for 168 hours at +70° C (158° F), a tensile load is applied to ensure the grip is firmly bonded to the tool.
 - Tools are subjected to flame for 10 seconds to ensure no flammability of the insulating material.

OSHA Regulations:

OSHA 1910.335(a)(2)(i) When working near exposed energized conductors or circuit parts, **each employee shall use insulated tools** or handling equipment if the tools or handling equipment might make contact with such conductors or parts.

OSHA 1910.335 (a)(1)(i) Employees working in areas where there are potential electrical hazards **shall be provided with, and shall use**, electrical protective equipment that is appropriate for the specific parts of the body to be protected and for the work to be performed.

Make sure you are in compliance by providing and using IDEAL insulated tools!

5-in-1 Non-Conductive Screwdriver/Nutdriver

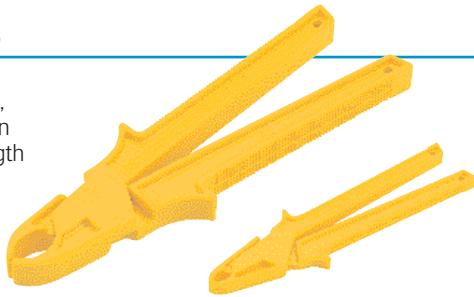


- 1000V AC, 1500V DC rated per ASTM F 1505-01 and EN 60900 (IEC900)
- Contains: 1/4 in. slotted, 3/16 in. slotted, #1 Phillips, #2 Phillips and 1/4 in. nutdriver
- Accommodates most standard 1/4 in. hex bits
- Powerful magnet securely holds bits in place
- Handle will store up to 8 standard bits
- Strong 6 in. non-conductive composite material shank

Description	Cat. No.
5-in-1 Non-Conductive Screwdriver/Nutdriver	35-9905
1/4 in. Slotted Replacement Bit	LA-4125
3/16 in. Slotted Replacement Bit	LA-4126
#1 Phillips Replacement Bit	LA-4127
#2 Phillips Replacement Bit	LA-4128

Fuse Pullers

- Molded of tough, high-impact nylon for greater strength
- No-slip gripping surface and protective finger stops for added safety



Description	Cat. No.
Small Puller for 0 to 30A/250V, 1/4 in. to 1/2 in. dia. fuses; 5 in. long	34-015
Large Puller for 0 to 100A/250V & 0 to 60A/600V, 9/16 in. to 1 in. dia. fuses; 7-1/4 in. long	34-016

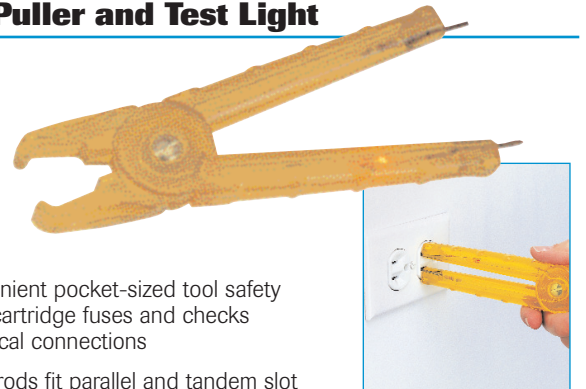
Safe-T-Grip® Fuse Pullers



- Maximum efficiency and convenience for removing or replacing cartridge-type fuses
- Three sizes handle fuses ranging from 0 to 600A
- Fully insulated, high-dielectric, glass-filled polypropylene construction
- Notched handles provide safe, no-slip grip
- Clearly marked amperage ranges
- Exceed MIL specifications

Description	Cat. No.
Small Puller for 250V, 9/32 in. to 1/2 in. dia. fuses; 5 in. long	34-001
Medium Puller for 0 to 100A/250V & 600V, 1/2 in. to 1 in. dia. fuses; 7-1/2 in. long	34-002
Large Puller for 31 to 600A/250V & 31 to 400A/600V, 3/4 in. to 2-1/2 in. dia. fuses; 11-3/4 in. long	34-003

Fuse Puller and Test Light



- Convenient pocket-sized tool safely pulls cartridge fuses and checks electrical connections
- Test prods fit parallel and tandem slot receptacles
- Built-in resistors limit current flow to eliminate false indication
- For 9/16 in. to 1 in. fuses
- For use on fuses to 100A/250V and 60A/600V
- Test capacity from 100V to 600V AC/DC

Description	Cat. No.
Fuse Puller & Test Light only	34-012
30 in. Lead w/test prod	34-013
30 in. Lead w/insulated clip	34-014

25-Piece Journeyman Kit



25-Piece Journeyman Insulated Kit – 35-9302

Includes:	Cat. No.
Reflex™ Super T®-Stripper Wire Stripper	45-9615
Wire Stripper Cutter	45-9120
9-1/4 in. Side Cutting Linesman Pliers	30-9430
8 in. Diagonal Cutting Pliers w/angled head	35-9029
8-1/2 in. Long-Nose Pliers	35-9038
10 in. Tongue and Groove Pliers	35-9430
9-1/2 in. High-Leverage Cable Cutter	35-9052
9-3/4 in. Multi-Crimp Tool	30-9429
1/8 in. x 3 in. Screwdriver	35-9320
3/16 in. x 5 in. Screwdriver	35-9321
1/4 in. x 6 in. Screwdriver	35-9323
5/16 in. x 6 in. Screwdriver	35-9324
3/8 in. x 8 in. Screwdriver	35-9325
#1 x 3 in. Phillips Tip Screwdriver	35-9310
#2 x 4 in. Phillips Tip Screwdriver	35-9311
#3 x 6 in. Phillips Tip Screwdriver	35-9312
3/16 in. Hex Nutdriver	35-9330
1/4 in. Hex Nutdriver	35-9331
5/16 in. Hex Nutdriver	35-9332
3/8 in. Hex Nutdriver	35-9333
7/16 in. Hex Nutdriver	35-9334
1/2 in. Hex Nutdriver	35-9335
Knife	35-9340
Volt-Sensor® NCV Tester	61-063
Fuse Puller - 7-1/2 in. long	34-002
Heavy-Duty Soft Tool Case	35-9352



Our pliers are the first Insulated Tools to have successfully passed UL classification requirements!

Recognized as the undisputed leader in product safety and certification, UL has developed rigorous safety standards for 1000V insulated tools. In order to carry the UL classified mark, tools must be tested by UL to meet these standards.

Only tools that carry the UL classified mark have passed this stringent certification process. Why accept anything else?

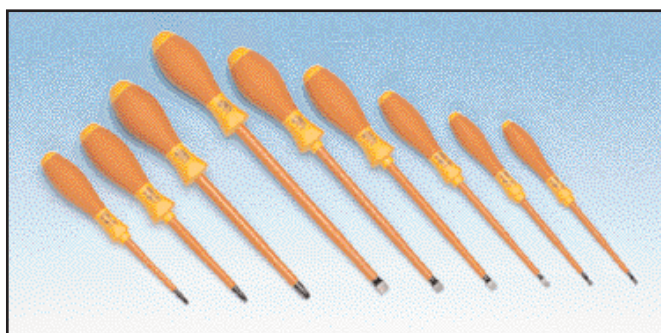
9-Piece Basic Kit



9-Piece Basic Insulated Kit – 35-9300

Includes:	Cat. No.
Reflex™ Super T®-Stripper Wire Stripper	45-9615
9-1/4 in. Side Cutting Linesman Pliers	30-9430
8 in. Diagonal Cutting Pliers w/angled head	35-9029
8-1/2 in. Long-Nose Pliers	35-9038
9-1/2 in. High-Leverage Cable Cutter	35-9052
3/16 in. x 5 in. Screwdriver	35-9321
1/4 in. x 6 in. Screwdriver	35-9323
#2 x 4 in. Phillips Tip Screwdriver	35-9311
Fuse Puller - 7-1/2 in. long	34-002
Heavy-Duty Soft Tool Case	35-9350

Insulated Screwdrivers



Description	Shaft Length	Cat. No.
#1 Phillips Screwdriver	3 in.	35-9310
#2 Phillips Screwdriver	4 in.	35-9311
#3 Phillips Screwdriver	6 in.	35-9312
1/8 in. Slotted Screwdriver	4 in.	35-9320
3/16 in. Slotted Screwdriver	5 in.	35-9321
7/32 in. Slotted Screwdriver	7 in.	35-9322
1/4 in. Slotted Screwdriver	6 in.	35-9323
5/16 in. Slotted Screwdriver	7 in.	35-9324
3/8 in. Slotted Screwdriver	8 in.	35-9325

Screwdriver Kit	Cat. No.
9-Piece Insulated Screwdriver Kit with hard case (Includes all 9 screwdrivers listed above.)	35-9303

17-Piece Standard Kit



17-Piece Standard Insulated Kit – 35-9301

Includes:	Cat. No.
Reflex™ Super T®-Stripper Wire Stripper	45-9615
9-1/4 in. Side Cutting Linesman Pliers	30-9430
8 in. Diagonal Cutting Pliers w/angled head	35-9029
8-1/2 in. Long-Nose Pliers	35-9038
10 in. Tongue and Groove Pliers	35-9430
9-1/2 in. High-Leverage Cable Cutter	35-9052
1/8 in. x 3 in. Screwdriver	35-9320
3/16 in. x 5 in. Screwdriver	35-9321
1/4 in. x 6 in. Screwdriver	35-9323
5/16 in. x 6 in. Screwdriver	35-9324
3/8 in. x 8 in. Screwdriver	35-9325
#1 x 3 in. Phillips Tip Screwdriver	35-9310
#2 x 4 in. Phillips Tip Screwdriver	35-9311
#3 x 6 in. Phillips Tip Screwdriver	35-9312
Volt-Sensor® NCV Tester	61-063
Fuse Puller - 7-1/2 in. long	34-002
Heavy-Duty Soft Tool Case	35-9351
Insulated Electrician's Skinning Knife	35-9340

Insulated Nutdrivers



Description	Shaft Length	Cat. No.
3/16 in. Hex Nutdriver	5 in.	35-9330
1/4 in. Hex Nutdriver	5 in.	35-9331
5/16 in. Hex Nutdriver	5 in.	35-9332
3/8 in. Hex Nutdriver	5 in.	35-9333
7/16 in. Hex Nutdriver	5 in.	35-9334
1/2 in. Hex Nutdriver	5 in.	35-9335
9/16 in. Hex Nutdriver	5 in.	35-9336

Nutdriver Kit	Cat. No.
7-Piece Insulated Nutdriver Kit with hard case (Includes all 7 Nutdrivers listed above.)	35-9304

Insulated Pliers



Description	Cat. No.
9-1/4 in. Side Cutting Linesman Pliers	30-9430
8 in. Diagonal Cutting Pliers w/angled head	35-9029
8-1/2 in. Long-Nose Pliers	35-9038
9-1/2 in. High-Leverage Cable Cutter	35-9052
9-3/4 in. Multi-Crimp Tool	30-9429
10 in. Tongue and Groove Pliers	35-9430
Premium T®-Stripper Wire Stripper	45-9120
Reflex™ Super T®-Stripper Wire Stripper	45-9615

Insulated Knife



Description	Cat. No.
Insulated Electrician's Skinning Knife	35-9340

1000V Insulated Screw-Holding Screwdriver



- Split blade wedges into screw slot when collar is extended
- Holds screw in place when installing in hard to reach areas
- Easy to start screw when wearing gloves

Description	Cat. No.
1000V Insulated Screw Holding Screwdriver, 3/16" x 6" slotted Tip	35-9406

Cases



Description	Cat. No.
Soft Zipper Case for Basic Kit (35-9300)	35-9350
Soft Zipper Case for Standard Kit (35-9301)	35-9351
Soft Zipper Case for Journeyman Kit (35-9302)	35-9352
Hard Case for Screwdriver Kit (35-9303)	35-9353
Hard Case for Nutdriver Kit (35-9304)	35-9353



Cutting & Holemaking Tools

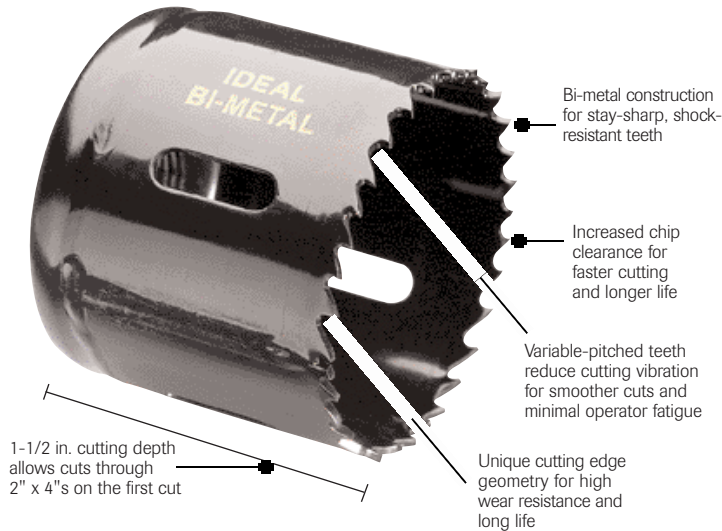
IDEAL cutting tools offer a powerful line-up that includes...

- **A new line of hole saws. Superior bi-metal construction provides an incredible cutting longevity that outperforms other brands.**
- **New Nailbiter™ Ship Augers that outperform and outlast any auger on the market today.**
- **Reciprocating blades for the toughest applications. Engineered bi-metal blades last up to 10 times longer than those constructed in carbon steel.**
- **Step drills that deliver! Titanium nitride coating cuts cleaner and cooler than conventional step drills.**
- **A broad line of engineered drill bits that deliver superior performance at any job site.**
- **An expanded range of hacksaws and all-purpose hand saws.**



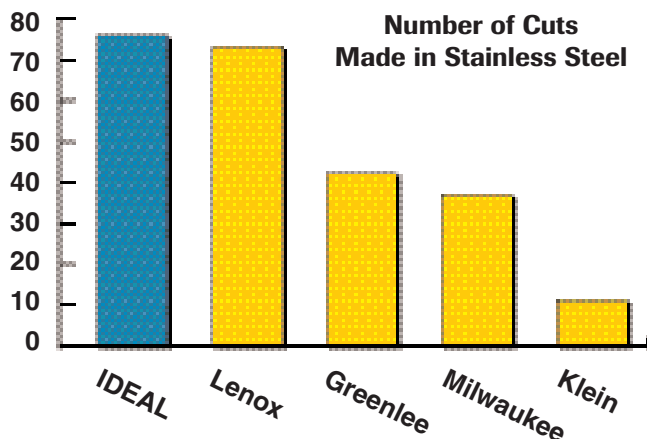
Advanced Bi-Metal Hole Saws

Introducing the new line of hole saws from IDEAL. With re-engineered bi-metal construction, IDEAL hole saws now have a cutting longevity that rivals any in the industry. The new cutting tooth geometry works faster and longer on tough applications like stainless steel. Increased chip removal enhances wood cutting performance by increasing speed and reducing wear on the teeth. An extensive set of sizes and kits are available to meet all your cutting needs. When it comes to performance, IDEAL is your source for hole saws.



Hole Saws

- 1-1/2 in. cutting depth cuts through 2 x 4's on the first cut
- Cut wood, plastic and machinable metal including: nail-embedded wood, plywood, pipe and stainless steel
- High speed steel teeth
- Fit standard arbors and feature knock-out slots for easy core removal
- Variable pitch, positive rake, M3 bi-metal tooth design



Saw Diameter (Inches)	Pipe Tap Size* (Inches)	Pipe Entrance Size* (Inches)	Cat. No.
Use Arbor No. 35-391 or 35-392 or 35-393			
9/16	—	—	35-340
5/8	—	—	35-341
11/16	—	—	35-342
3/4	1/2	3/8	35-343
13/16	—	—	35-344
7/8	3/4	1/2	35-345
15/16	—	—	35-346
1	—	—	35-347
1-1/16	—	—	35-348
1-1/8	1	3/4	35-349
1-3/16	—	—	35-350
Use Arbor No. 35-394			
1-1/4	—	—	35-351
1-5/16	—	—	35-352
1-3/8	—	1	35-353
1-7/16	—	—	35-354
1-1/2	1-1/4	—	35-355
1-9/16	—	—	35-356
1-5/8	—	—	35-357
1-11/16	—	—	35-358
1-3/4	1-1/2	1-1/4	35-359
1-13/16	—	—	35-360
1-7/8	—	—	35-361
2	—	1-1/2	35-362
2-1/16	—	—	35-363
2-1/8	—	—	35-364
2-1/4	2	—	35-365
2-5/16	—	—	35-366
2-3/8	—	—	35-367
2-1/2	—	2	35-368
2-9/16	—	—	35-369
2-5/8	2-1/2	—	35-370
2-3/4	—	—	35-371
2-7/8	—	—	35-372
3	—	2-1/2	35-373
3-1/8	—	—	35-374
3-1/4	3	—	35-375
3-3/8	—	—	35-376
3-1/2	—	—	35-377
3-5/8	—	3	35-378
3-3/4	3-1/2	—	35-379
3-7/8	—	—	35-380
4	—	—	35-381
4-1/8	—	3-1/2	35-382
4-1/4	4	—	35-383
4-3/8	—	—	35-384
4-1/2	—	4	35-385
4-3/4	4-1/2	—	35-386
5	—	—	35-387
5-1/2	—	—	35-388
5-3/4	—	—	35-389
6	—	—	35-390

All pipe sizes listed in the Pipe Tap Size and Pipe Entrance Size columns are standard industry sizes. All pipes are sized by the nominal inside diameter.

*The sizes listed provide the necessary information whenever a pipe is to be threaded into tanks, boilers, etc. To ensure the best results, the hole should be reamed before tapping with a reamer having a taper of 3/4 in. per foot.

**The sizes listed provide the necessary information for any given pipe size to have sufficient clearance to pass through beams, walls, bulkheads, etc.

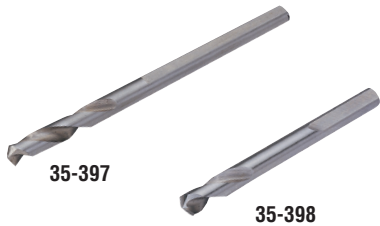
Hole Saw Arbors



35-391 35-392 35-393 35-394 35-395

- 1/4 in. high-speed drill pilots with 118° split-point for fast, accurate hole starting
- Durable steel construction

Shank Size	Thread Size	Chuck Size	Cat. No.
1/4 in. Round	1/2-20	1/4	35-391
3/8 in. Hex	1/2-20	3/8	35-392
7/16 in. Hex	1/2-20	1/2	35-393
7/16 in. Hex	5/8-18	1/2	35-394
3/8 in. Hex	5/8-18	3/8	35-395



35-397

35-398

Replacement Pilot Drills for Hole Saw Arbors

Description	Cat. No.
4-1/2 in. x 1/4 in. – Fits 35-391, 35-393, 35-394 & 35-395 arbors	35-397
2-3/4 in. x 1/4 in. – Fits 35-392 arbor	35-398

Hole Saw Arbor Extension

- For use with 7/16 in. arbors
- 12 in. length



Description	Cat. No.
12" Hole Saw Arbor Extension for 7/16 in. Arbors	35-396



Hole Saw Kits

Master Electrician's Hole Saw Kit

- Electrical sizes for pipe and conduit through 4 in.
- 13-piece kit
- Metal case



Kit 35-401 Includes:

Description	Cat. No.
Hole Saw sizes 7/8 in., 1-1/8 in., 1-3/8 in., 1-3/4 in., 2 in., 2-1/2 in., 3 in., 3-5/8 in., 4-1/8 in., 4-1/2 in. Also includes arbor models 35-391, 35-393 & 35-394	35-401

Electrician's Hole Saw Kit

- Electrical sizes for pipe and conduit through 2 in.
- 8-piece kit
- Durable plastic case



Kit 35-400 Includes:

Description	Cat. No.
Hole Saw sizes 7/8 in., 1-1/8 in., 1-3/8 in., 1-3/4 in., 2 in. & 2-1/2 in. Also includes arbor models 35-393 & 35-394	35-400

Maintenance Hole Saw Kit

- Designed for electricians and industrial and general-purpose maintenance needs.
- Plumbing and electrical sizes for pipe and conduit through 2 in.
- 13-piece kit
- Durable plastic case



Kit 35-399 Includes:

Description	Cat. No.
Hole Saw sizes 3/4 in., 7/8 in., 1-1/8 in., 1-3/8 in., 1-1/2 in., 1-3/4 in., 2 in., 2-1/4 in. & 2-1/2 in. Also includes arbor models 35-391, 35-393 & 35-394 and extension for 7/16 in. arbor shank	35-399

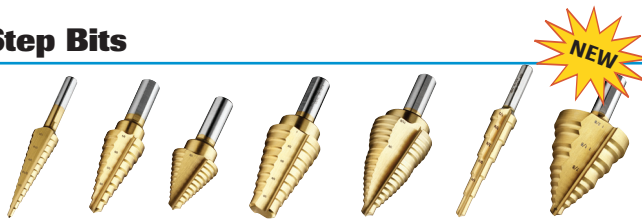
Tungsten Carbide Grit Hole Saws

- Superior resistance to heat, wear and abrasion
- Unique snag resistant tooth/gullet design results in superior cutting performance
- The choice for abrasive or thin material including cast iron, drywall, plaster, stucco, ceramics, fiberglass, hardwood and composites
- 1-1/2 in. cutting depth



Description	Cat. No.
Use Arbor No. 35-391, 35-392 or 35-393	
3/4 in. Carbide Grit Hole Saw	35-343CG
7/8 in. Carbide Grit Hole Saw	35-345CG
1-1/8 in. Carbide Grit Hole Saw	35-349CG
Use Arbor No. 35-394 or 35-395	
1-3/8 in. Carbide Grit Hole Saw	35-353CG
1-1/2 in. Carbide Grit Hole Saw	35-355CG
1-3/4 in. Carbide Grit Hole Saw	35-359CG
2 in. Carbide Grit Hole Saw	35-362CG
2-1/8 in. Carbide Grit Hole Saw	35-364CG
2-1/4 in. Carbide Grit Hole Saw	35-365CG
2-1/2 in. Carbide Grit Hole Saw	35-368CG
2-5/8 in. Carbide Grit Hole Saw	35-370CG
3 in. Carbide Grit Hole Saw	35-373CG
3-1/4 in. Carbide Grit Hole Saw	35-375CG
3-5/8 in. Carbide Grit Hole Saw	35-378CG

Step Bits



35-511 35-512 35-513 35-514 35-515 35-516 35-517

- Self-starting point eliminates starter holes or punches, even on curved surfaces (except 35-514)
- Unique double-fluted design for balanced cuts and cooler operation
- Exceptional titanium coating stands up to wood, plastic and metal – extends bit life compared to standard step bits

Bit Diameters Sizes (Inches)	No. of Hole Sizes	Step Increments (Inches)	Step Thickness (Inches)	Shank Dia. (Inches)	Cat. No.
1/8 to 1/2	13	1/32	1/8	1/4	35-511
1/4 to 3/4	9	1/16	1/8	3/8	35-512
1/4 to 7/8	11	1/16	1/16	3/8	35-513
1/2 to 1	8	1/16	1/8	3/8	35-514
1/4 to 1-1/8	16	1/16	1/16	3/8	35-515
3/16 to 1/2	6	1/16	3/8	1/4	35-516
1/4 to 1-3/8	10	1/32	1/16 to 1/4	3/8	35-517

Adjustable Can Light Hole Saw

- Cuts drywall and ceiling tile
- Self-sharpening carbide coated cutting blade
- Includes 2 dust shields to minimize clean up



Drill not included.

Description	Cat. No.
Adjustable Can Light Hole Saw – 10 sizes from 2-1/2 in. to 7 in.	35-598
Adjustable Can Light Hole Saw – 13 sizes from 6-1/4 in. to 10-3/8 in.	35-599

Recessed Lighting Hole Saws

- Durable tungsten carbide grit cutting edge
- Quick and easy installation of recessed lighting
- Cut abrasive materials such as ceiling tile, lath and plaster
- Use with arbor 35-394



Description	Cat. No.
4-3/8 in. Carbide Grit Hole Saw	35-384CG
6-3/8 in. Carbide Grit Hole Saw	35-601CG
6-5/8 in. Carbide Grit Hole Saw	35-602CG
6-7/8 in. Carbide Grit Hole Saw	35-603CG

Electrician's Step Bit Kit

- Durable blow-molded case securely holds and protects bits
- Kit includes four step bits (35-511, 35-513, 35-515 and 35-517)
- Kit provides a solution for every electrical hole size between 1/8 in. and 1-3/8 in.



Description	Cat. No.
Electrician's Step Bit Kit	35-520

Reciprocating Blades

- Bi-metal blades last up to 10 times longer than carbon steel blades
- Flexible spring-back provides long blade life
- Super-hard, high speed steel teeth for a sharp, long-lasting cutting edge
- Shatterproof for tough applications
- Fits all reciprocating saws using 1/2 inch universal shank







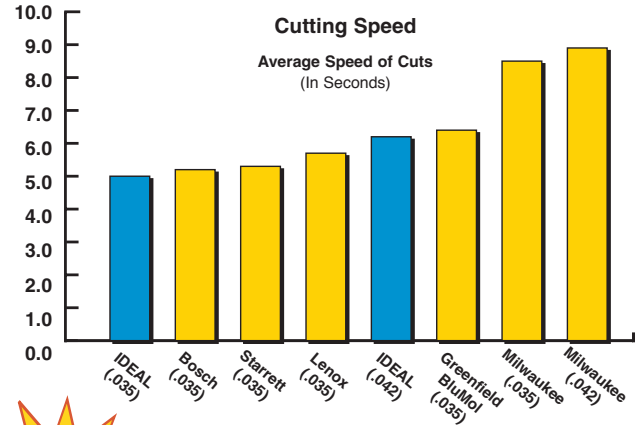
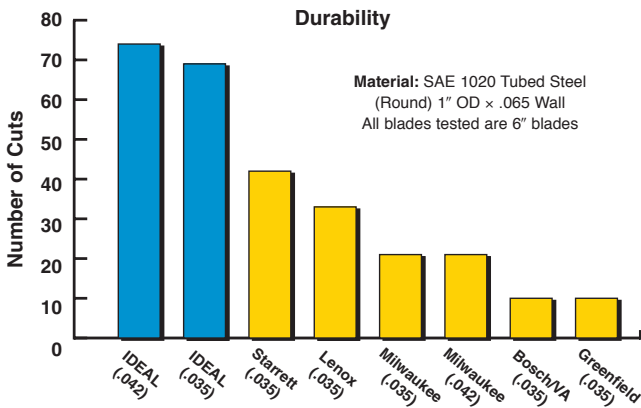
	L/W/TH (Inches)	TPI	Material	Blade Bock	Qty.	Application	Cat. No.
Metal Cutting							
	6 x 3/4 x .035	14	Bi-metal	Straight	5	Pipe, structural steel, stainless steel: 3/32" - 1/4", Non-ferrous metal: 3/32" - 3/8"	36-059
	6 x 3/4 x .035	14	Bi-metal	Straight	25	Pipe, structural Steel, stainless steel: 3/32" - 1/4", Non-ferrous metal: 3/32" - 3/8"	36-059B
	4 x 3/4 x .035	18	Bi-metal	Straight	5	Structural steel, pipe, conduit, stainless steel: 1/16" - 3/16" thick, Non-ferrous metal: 1/16" - 5/16" thick	36-055
	6 x 3/4 x .035	18	Bi-metal	Straight	5	Structural steel, pipe, conduit, stainless steel: 1/16" - 3/16" thick, Non-ferrous metal: 1/16" - 5/16" thick	36-057
	6 x 3/4 x .035	18	Bi-metal	Straight	25	Structural steel, pipe conduit, stainless steel: 1/16" - 3/16" thick, Non-ferrous metal: 1/16" - 5/16" thick	36-057B
	6 x 3/4 x .035	18	Bi-metal	Straight	5	Structural steel, pipe, conduit, stainless steel: 1/16" - 3/16" thick, Non-ferrous metal: 1/16" - 5/16" thick	36-060
	6 x 3/4 x .035	24	Bi-metal	Straight	5	All metal less than 1/8" thick: Tubing conduit, trim	36-058
	6 x 3/4 x .035	24	Bi-metal	Straight	25	All metal less than 1/8" thick: Tubing conduit, trim	36-058B
Heavy-Duty Metal Cutting							
	6 x 3/4 x .050	18	Bi-metal	Straight	2	Heavy-duty blade for cutting structural steel, pipe, conduit, stainless steel: 1/16" to 3/16" thick	36-085
	8 x 3/4 x .050	10/14	Bi-metal	Straight	2	Heavy-duty blade for cutting structural steel, pipe, conduit, stainless steel: 1/8" to 1/2" thick	36-086
	12 x 3/4 x .050	10/14	Bi-metal	Taper	5	Heavy-duty blade for cutting structural steel, pipe, conduit, stainless steel: 1/8" to 1/2" thick	36-087
Wood w/Nails							
	6 x 3/4 x .050	6	Bi-metal	Taper	5	Fast cutting, roughing-in work, nail- embedded wood, remodeling	36-065
	6 x 3/4 x .050	6	Bi-metal	Taper	25	Fast cutting, roughing-in work, nail-embedded wood, remodeling	36-065B
	9 x 3/4 x .050	6	Bi-metal	Taper	5	Fast cutting, roughing-in work, nail-embedded wood, remodeling	36-066
	12 x 3/4 x .050	6	Bi-metal	Taper	5	Fast cutting, roughing-in work, nail-embedded wood, remodeling	36-067
Demolition							
	9 x 7/8 x .062	6	Bi-metal	Taper	2	Demolition work in nail-embedded wood, remodeling	36-095
	9 x 7/8 x .062	10	Bi-metal	Taper	2	Demolition work in wood, metal, pipe and fire and rescue	36-096
General Purpose							
	6 x 3/4 x .035	10	Bi-metal	Straight	5	Nail embedded wood, metal and non-ferrous metal composition materials & plastics 1/8" - 1/2"	36-075
Specialty Cutting							
	8 x 3/4 x .050	Grit	Tung. Grit	Straight	2	Iron pipe, fiberglass, reinforced plastics, ceramic tile, stone, slate and brick.	36-090
	3 x 5/16 x .035	18	Bi-Metal	Scroll	5	Scroll cutting wood, cast aluminum and non-ferrous metals	36-054
Plaster/Drywall							
	6 x 3/4 x .050	6	Bi-metal	Taper	2	For plaster, drywall, plaster board & lath. Bi-directional cutting	36-088

Long-Life Metal Cutting Reciprocating Blades

- Engineered to be the longest lasting metal cutting blades available
- Long-life blades perform up to three times as many cuts as similar metal cutting blades
- 8% cobalt cutting edge for extreme durability
- Shatterproof bi-metal design
- Longer life for greater value






Long-Life Blades	L/W/TH (Inches)	TPI	Material	Blade Bock	Qty.	Application	Cat. No.
	6 x 3/4 x .035	18	Bi-metal	Straight	5	Long-Life blade for cutting structural steel, pipe, conduit, stainless steel, sheet metal: 1/16" - 3/16" thick	36-043
	8 x 3/4 x .035	18	Bi-metal	Straight	5	Long-Life blade for cutting structural steel, pipe, conduit, stainless steel, sheet metal: 1/16" - 3/16" thick	36-044
	6 x 1 x .042	14	Bi-metal	Straight	5	Long-life blade for cutting rebar, barstock, angle iron and other heavy gauge metals: 1/8" and thicker	36-046
	12 x 1 x .050	14	Bi-metal	Straight	5	Long-life blade for cutting rebar, barstock, angle iron and other heavy gauge metals: 1/8" and thicker	36-048



Progressive Tooth Reciprocating Blades



- Specially designed for all purpose cutting
- Cut multiple materials without changing blades
- Tough bi-metal and HCS construction for long life.

Long-Life Blades	L/W/TH (Inches)	Material	Blade Bock	Qty.	Application	Cat. No.
	6 x 3/4 x .035	Progressive	Bi-metal	5	All metal, non-ferrous metal, sheet metal, pipe, and other metal materials	36-056
	8 x 3/4 x .050	Progressive	HCS	5	All wood and composite materials	36-052
	8 x 3/4 x .050	Progressive	Bi-metal	5	For wood, nail-embedded wood, non-ferrous metals, plastic and fiberglass	36-076

Portable Band Saw Blades

- Bi-metal construction
- Fit all standard portable band saw machines
- For pipe, tubing and solids
- Cut any machinable metal, including conduit, angle iron, structurals, rebar and stainless steel tubing

L/W/THK (Inches)	TPI	Qty./Pack	Cat. No.
44-7/8 x 1/2 x .020	10	3	36-070
44-7/8 x 1/2 x .020	14	3	36-071
44-7/8 x 1/2 x .020	18	3	36-072
44-7/8 x 1/2 x .020	24	3	36-073

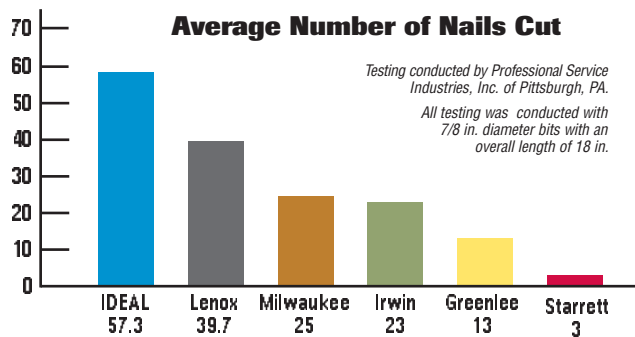


Nailbiter™ Ship Auger Bits

- Dual-Helix construction with twin cutting edges provides faster and smoother drilling action, even through nail-embedded timbers
- Full body, dual induction heat treatment ensures durability, minimizes warping and delivers long lasting performance
- Heavy-duty lead screw designed for quick gripping power, superior penetration and extra-long life
- Re-sharpenable for extended tool life



NailBiter™ Auger Testing Results



Power Ship Augers - Bit Length = 7-1/2", Twist = 5", Shank = 7/16" Description	Hole Diameter	Overall Length	Twist Length	Cat. No.
5/8 in. Power Ship Auger	5/8 in.	7-1/2 in.	5 in.	35-810
11/16 in. Power Ship Auger	11/16 in.	7-1/2 in.	5 in.	35-811
3/4 in. Power Ship Auger	3/4 in.	7-1/2 in.	5 in.	35-812
13/16 in. Power Ship Auger	13/16 in.	7-1/2 in.	5 in.	35-813
7/8 in. Power Ship Auger	7/8 in.	7-1/2 in.	5 in.	35-814
1 in. Power Ship Auger	1 in.	7-1/2 in.	5 in.	35-815
1-1/8 in. Power Ship Auger	1-1/8 in.	7-1/2 in.	5 in.	35-816
1-1/4 in. Power Ship Auger	1-1/4 in.	7-1/2 in.	5 in.	35-817
Power Ship Augers - Bit Length = 18", Twist = 15", Shank = 7/16" Description	Hole Diameter	Overall Length	Twist Length	Cat. No.
1/2 in. Power Ship Auger	1/2 in.	18 in.	15 in.	35-820
5/8 in. Power Ship Auger	5/8 in.	18 in.	15 in.	35-821
11/16 in. Power Ship Auger	11/16 in.	18 in.	15 in.	35-822
3/4 in. Power Ship Auger	3/4 in.	18 in.	15 in.	35-823
13/16 in. Power Ship Auger	13/16 in.	18 in.	15 in.	35-824
7/8 in. Power Ship Auger	7/8 in.	18 in.	15 in.	35-825
15/16 in. Power Ship Auger	15/16 in.	18 in.	15 in.	35-826
1 in. Power Ship Auger	1 in.	18 in.	15 in.	35-827
1-1/8 in. Power Ship Auger	1-1/8 in.	18 in.	15 in.	35-828
1-1/4 in. Power Ship Auger	1-1/4 in.	18 in.	15 in.	35-829

Mini™ Augers

- Designed to fit between wall studs when used with common drills
- Eliminates the need for expensive right angle drills



Mini™ Augers - Bit Length = 4-3/4", Twist = 2-1/2", Shank = 7/16" Description	Hole Diameter	Overall Length	Twist Length	Cat. No.
5/8 Mini™ Auger	5/8 in.	4-3/4 in.	2-1/2 in.	35-862
3/4 Mini™ Auger	3/4 in.	4-3/4 in.	2-1/2 in.	35-864
7/8 Mini™ Auger	7/8 in.	4-3/4 in.	2-1/2 in.	35-866
1 Mini™ Auger	1 in.	4-3/4 in.	2-1/2 in.	35-868

RESI-MASTER™ Heavy-Duty Ship Augers



- 62° cutting angle reinforces the cutting edge and provides greater durability
- Hardened lead screw and cutting edge provide increased wear resistance and extended life
- Secondary relief angle evacuates wood chips quickly and prevents auger from jamming
- Oversized cutting head makes hole larger than body of bit for easy ejection from work piece

Power Ship Augers - Bit Length = 7-1/2", Twist = 5", Shank = 7/16" Description	Hole Diameter	Overall Length	Twist Length	Cat. No.
5/8 in. RESI-MASTER™ Auger	1/2 in.	7-1/2 in.	5 in.	35-892
3/4 in. RESI-MASTER™ Auger	3/4 in.	7-1/2 in.	5 in.	35-893
15/16 in. RESI-MASTER™ Auger	15/16 in.	7-1/2 in.	5 in.	35-896
7/8 in. RESI-MASTER™ Auger	7/8 in.	7-1/2 in.	5 in.	35-897
1 in. RESI-MASTER™ Auger	1 in.	7-1/2 in.	5 in.	35-898
1-1/8 in. RESI-MASTER™ Auger	1-1/8 in.	7-1/2 in.	5 in.	35-899
Power Ship Augers - Bit Length = 18", Twist = 15", Shank = 7/16" Description	Hole Diameter	Overall Length	Twist Length	Cat. No.
5/8 in. RESI-MASTER™ Auger	5/8 in.	18 in.	15 in.	35-971
3/4 in. RESI-MASTER™ Auger	3/4 in.	18 in.	15 in.	35-972
15/16 in. RESI-MASTER™ Auger	15/16 in.	18 in.	15 in.	35-977
7/8 in. RESI-MASTER™ Auger	7/8 in.	18 in.	15 in.	35-976
1 in. RESI-MASTER™ Auger	1 in.	18 in.	15 in.	35-978
1-1/8 in. RESI-MASTER™ Auger	1-1/8 in.	18 in.	15 in.	35-979

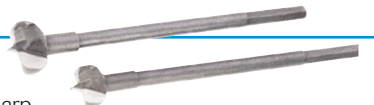
Installer Bits



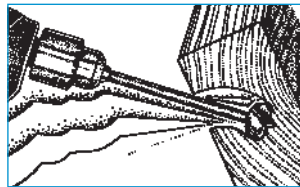
- Hole in fluted head for pulling wires through walls, ceiling and floors
- Flutes designed for quick chip removal – no clogging or binding
- Premium quality, extra-hard 52-100 carbon bearing steel

Description	Length	Cat. No.
Installer Bit – 1/4 in.	18 in.	35-870
Installer Bit – 3/8 in.	18 in.	35-871
Installer Bit – 1/2 in.	18 in.	35-872

Wood Boring Bits

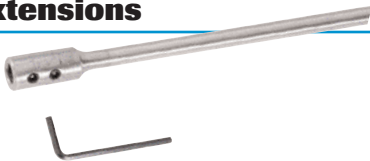


- Drills curved holes even in tight corners, eliminating sharp inside angles that hang wires
- Precision sharpened tip for fast and smooth boring
- Hex shank eliminates slippage
- Spur point centering
- Resharpenable



Description	RPM in Soft Wood	RPM in Hard Wood	Cat. No.
7/8 in. Wood Boring Bit	650-1000	600-850	90-193
1-1/8 in. Wood Boring Bit	650-1000	600-850	90-196

Auger Bit Extensions



*Dual locking screws

Auger Bit Extensions, 18 in. Six flats to fit drill chuck – Allen wrench included		Cat. No.
Description		
Auger Bit Extension – 5/16 in.		35-818
Auger Bit Extension – 7/16 in.		35-819

SDS Rotary Percussion Bits



- Double fast-spiral fluting for superior dust removal, faster drill time and virtually no bind in the hole
- Heat-treating process ensures extra long life even when used on tough, extra hard and abrasive materials
- Shank for use with SDS and SDS plus rotary hammers

Description	Cat. No.
3/16 in. x 6-5/8 in. SDS Masonry Bit	90-030
1/4 in. x 6-5/8 in. SDS Masonry Bit	90-031
5/16 in. x 6-5/8 in. SDS Masonry Bit	90-032
3/8 in. x 6-5/8 in. SDS Masonry Bit	90-033
1/2 in. x 6-3/4 in. SDS Masonry Bit	90-034

Rotary Hammer Bits



- Vacuum heat-treated carbide tipped masonry bit for rotary or hammer drilling
- Tip is made of the hardest carbide to retain a sharp cutting edge for drilling masonry materials

Rotary Drills

Use electric rotary drills, hand drills or bit braces for rotary-only drilling applications in softer materials that require no hammering action. Rotary drills should be used when drilling brittle materials, which could shatter under the impact of hammer tools.

Hammer Drills

Use the Rotary Hammer Bit with electric hammer drills for drilling harder brick, limestone, marble materials or concrete with aggregates such as bluestone, granite, and quartz pebble. A hammer drill enhances the fast rotating action of the Rotary Hammer Bit with slight impact that helps to break up material being drilled.

Description	Shank	Cat. No.
3/16 in. x 4 in. Masonry Bit	1/4 in.	90-003
3/16 in. x 6 in. Masonry Bit	1/4 in.	90-001
1/4 in. x 4 in. Masonry Bit	1/4 in.	90-004
1/4 in. x 6 in. Masonry Bit	1/4 in.	90-002
5/16 in. x 4 in. Masonry Bit	1/4 in.	90-005
5/16 in. x 6 in. Masonry Bit	1/4 in.	90-006
3/8 in. x 4 in. Masonry Bit	1/4 in.	90-008
3/8 in. x 6 in. Masonry Bit	1/4 in.	90-009
1/2 in. x 6 in. Masonry Bit	3/8 in.	90-011

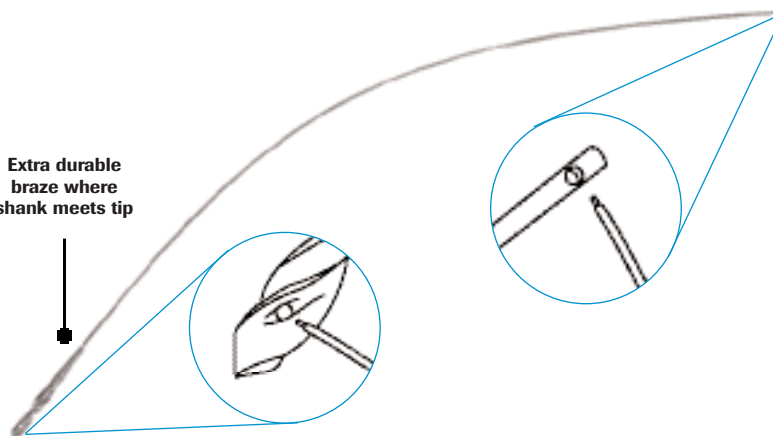
Application	Rotary Hammers	Rotary Drills	Hammer Drills
	Rotary Percussion Bit	Rotary Hammer Bit	Rotary Hammer Bit
Bluestone	X		X
Brick (common)	X	X	X
Brick (hard)	X		X
Cement Block	X	X	X
Cinder Block	X	X	X
Concrete (soft)	X	X	X
Concrete (hard)	X		X
Concrete (very hard)	X		
Fieldstone	X		
Flagstone		X	
Granite	X		
Limestone	X	X	X
Marble (soft & medium)	X	X	X
Marble (hard)	X		X
Plaster	X	X	X
Rock	X		X
Sandstone (soft)	X	X	X
Sandstone (hard)	X		X
Slate	X	X	X
Terra Cotta Block	X		X
Terrazzo	X	X	X
Tile, Glazed Vitreous	X		X
Tile, Non-vitrified		X	
Tile, Structural	X		X

Flexible Drill Bits



Premium heat-treated spring steel

Extra durable
brazed where
shank meets tip



Professional drill bits drill and fish wire in one easy step. Drill and pull wire through blind areas in ceilings, walls and floors. Shanks are made from premium heat-treated spring steel for maximum flexibility while practically eliminating any retained shank bend. A three-flat non-slip grip on the shank and fish holes in both the tip and shank insure trouble-free wire pulling in either direction. Our tip design provides superior tip/shank contact, increasing the strength and durability of the braze and preventing separation when striking nails or other obstructions. Multiple styles are available for a variety of applications.

Screw Point Flexible Bits, Type B

- Fast and aggressive, self-starting bit
- Ultra-sharp ground threads provide increased pulling power through obstructions
- Designed for easy to tough wood drilling



Serrated Combination Flexible Bits, Type C

- Multi-purpose versatile bit for clean holes
- Designed for easy to medium wood drilling and light metal
- Pressure is needed for starting and pulling the bit through the wood



Description	Shank	Cat. No.
3/8 in. x 24 in. Screw Point Flexible Bit	3/16	90-080
3/8 in. x 36 in. Screw Point Flexible Bit	3/16	90-081
3/8 in. x 54 in. Screw Point Flexible Bit	3/16	90-082
3/8 in. x 72 in. Screw Point Flexible Bit	3/16	90-083
1/2 in. x 36 in. Screw Point Flexible Bit	3/16	90-084
1/2 in. x 54 in. Screw Point Flexible Bit	3/16	90-085
1/2 in. x 72 in. Screw Point Flexible Bit	3/16	90-086
9/16 in. x 36 in. Screw Point Flexible Bit	3/16	90-087
9/16 in. x 54 in. Screw Point Flexible Bit	3/16	90-088
9/16 in. x 72 in. Screw Point Flexible Bit	3/16	90-089
3/4 in. x 36 in. Screw Point Flexible Bit	1/4	90-090
3/4 in. x 54 in. Screw Point Flexible Bit	1/4	90-091
3/4 in. x 72 in. Screw Point Flexible Bit	1/4	90-092

Description	Shank	Cat. No.
1/4 in. x 24 in. Serrated Combination Flexible Bit	3/16	90-061
1/4 in. x 54 in. Serrated Combination Flexible Bit	3/16	90-063
3/8 in. x 24 in. Serrated Combination Flexible Bit	3/16	90-065
3/8 in. x 36 in. Serrated Combination Flexible Bit	3/16	90-066
3/8 in. x 54 in. Serrated Combination Flexible Bit	3/16	90-067
3/8 in. x 72 in. Serrated Combination Flexible Bit	3/16	90-068
1/2 in. x 54 in. Serrated Combination Flexible Bit	3/16	90-070
9/16 in. x 54 in. Serrated Combination Flexible Bit	3/16	90-073

High-Speed Steel Flexible Bits, Type HS

- Heavy duty split point high-speed steel drill bit
- The best when encountering nail-embedded wood, steel studs and steel plates

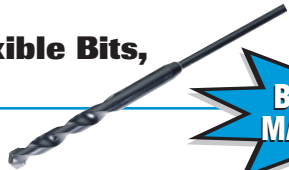


Best for METAL

Description	Shank	Cat. No.
3/8 in. x 24 in. High-speed Steel Flexible Bit	3/16	90-154
3/8 in. x 36 in. High-speed Steel Flexible Bit	3/16	90-155
3/8 in. x 54 in. High-speed Steel Flexible Bit	3/16	90-156
3/8 in. x 72 in. High-speed Steel Flexible Bit	3/16	90-157
1/2 in. x 24 in. High-speed Steel Flexible Bit	1/4	90-158
1/2 in. x 36 in. High-speed Steel Flexible Bit	1/4	90-159
1/2 in. x 54 in. High-speed Steel Flexible Bit	1/4	90-160
1/2 in. x 72 in. High-speed Steel Flexible Bit	1/4	90-161

Masonry Flexible Bits, Type M

- Masonry drill bit
- Designed for drilling in lightweight masonry materials



Best for MASONRY

Description	Shank	Cat. No.
3/8 in. x 54 in. Masonry Flexible Bit	3/16	90-124
1/2 in. x 72 in. Masonry Flexible Bit	1/4	90-128

Flexible Bit Extensions

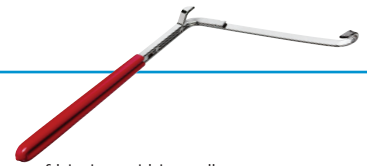
- Three lengths available for 3/16 in. and 1/4 in. shaft diameters
- Connect to chuck end of shaft to increase the length of the bit



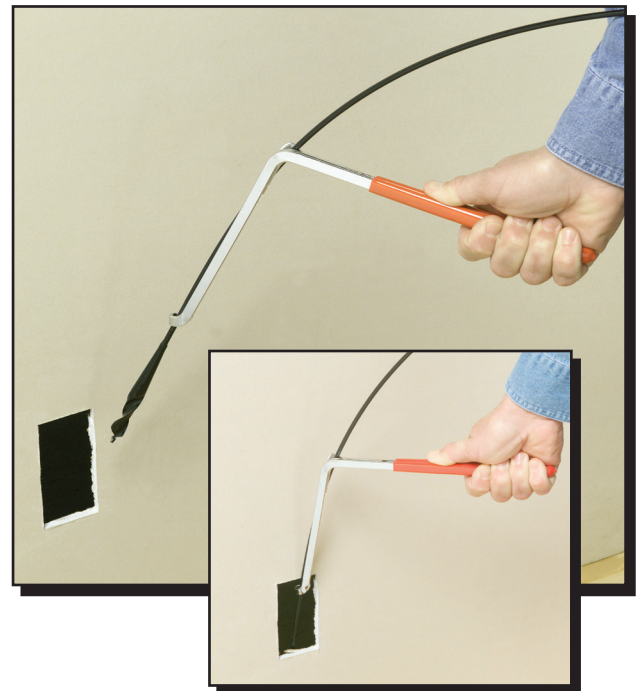
Description	Shank	Cat. No.
3/16 in. x 36 in. Flexible Bit Extension	3/16	90-170
3/16 in. x 54 in. Flexible Bit Extension	3/16	90-171
1/4 in. x 36 in. Flexible Bit Extension	1/4	90-173
1/4 in. x 54 in. Flexible Bit Extension	1/4	90-174

Flexible Bit Placement Tool

- Use as a positioning guide for the flexible drill bits
- Aids in more accurate placement of bit tips within walls
- Increases directional control during drilling



Description	Cat. No.
Flexible Bit Placement Tool	90-176

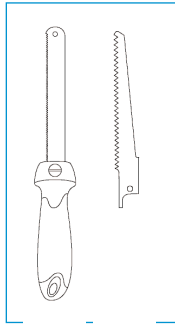
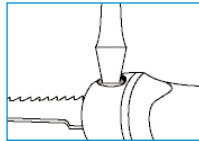


Flexible Drill Bits

Jab Saw



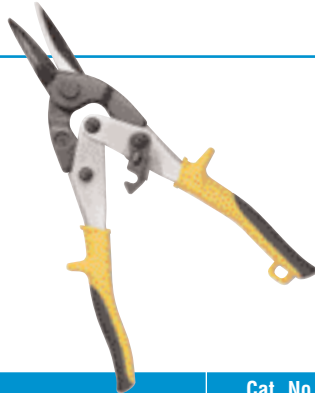
- Includes replaceable bi-metal wallboard blade
- Holds all reciprocating blades and hacksaw blades
- Ergonomic grip



Description	Cat. No.
Jab Saw	35-275
Replacement blade	36-088

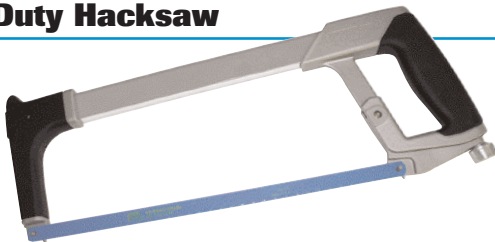
Aviation Tin Snips

- Chrome-molybdenum steel forged blades for greater strength and durability
- Serrated edges provide a stable hold when cutting
- Labor-saving design for easier cutting
- Comfortable non-slip dual durometer grips

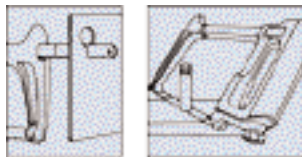


Description	Cat. No.
Straight Cut Aviation Tin Snips	35-001
Right Cut Aviation Tin Snips	35-002
Left Cut Aviation Tin Snips	35-003

Heavy-Duty Hacksaw



- Use as conventional hacksaw or as jab saw to enlarge holes
- Rugged frame provides lightweight rigidity and exceptional control
- Stores up to nine extra blades
- Blades can be adjusted to 55° angle for flush cutting and tensioned to 25,000 psi
- Includes 12 in. x 24T bi-metal blade



Description	Cat. No.
Heavy-Duty Hacksaw	35-260

Ergonomic Hacksaw



- Angled handle for easier cutting
- Blade can easily be adjusted for flush cutting
- Easy tensioning wing-nut keeps blades tight for straighter cuts
- Cushioned ergonomic grip for performance and comfort
- Includes 12 in. x 24T bi-metal blade

Description	Cat. No.
Ergonomic Hacksaw	35-261

Mini Hacksaw



- Heavy-duty die cast frame
- Non-slip rubber comfort grip
- Accepts all standard hacksaw blades

Description	Cat. No.
Mini Hacksaw	35-259

Folding Saw

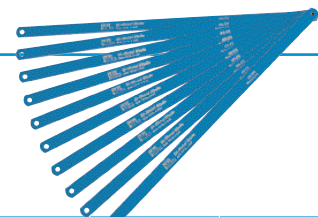


- Light-weight, heavy-duty die cast construction
- Ergonomic rubber comfort grip
- Blade safely and conveniently folds down in handle
- Accepts all standard 6" recip blades

Description	Cat. No.
Folding Saw	35-274

Hacksaw Blades

- Bi-metal blades provide strength, flexibility and longer life



Description	Qty./Pack	Cat. No.
12 in. x 18T Blades	10	35-271
12 in. x 24T Blades	10	35-272
12 in. x 32T Blades	10	35-273
12 in. x 18T Blades	100	35-262
12 in. x 24T Blades	100	35-263
12 in. x 32T Blades	100	35-264