

WATT'S NEW





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Klein Tools was founded in 1857 by an industrious German immigrant, Mathias Klein, who began in the hand tool business when a broken side-cutting pliers was brought to his forge shop by a telegraph lineman. Mathias repaired the pliers by forging and finishing a new half for the tool and riveting it to the old half. Soon the lineman returned because the other original half of the pliers had broken and needed replacement. Mathias forged and finished the second half of the pliers and riveted it to the other replacement half – creating the first complete Klein pliers.

To this day, Klein Tools is proudly owned and managed by the Klein family. Over 160 years of hard work and dedication has earned Klein the reputation of supplying only the finest quality products for users of professional hand tools, Test and Measurement and occupational protective equipment.



Pliers

Heavy-Duty Cutting Ironworker’s Pliers

- Ironworker’s Pliers twist and cut soft annealed rebar tie wire
- Cuts ACSR, screws, nails and most hardened wire
- High-leverage design has 46-percent more cutting power
- Hook bend handle and spring-loaded action for self-opening
- Made in USA with Custom, US-made tool steel
- Induction hardened cutting knives for long life
- Hot-riveted joint ensures smooth action and no handle wobble
- Heavy-duty knurled jaws
- Unique handle tempering helps absorb the “snap” when cutting wire
- Precision-hardened plier head for on-the-job toughness
- Plastic-dipped handles for comfort and ease of identification
- “Handform” handles for full gripping and cutting power



Cat. No.	Jaw Length	Jaw Width	Jaw Capacity	Handle Color	Handle Finish	Overall Length	Weight
A-D2000-9ST	4.1 cm	3.2 cm	3.2 cm	Blue	Plastic-Dipped	23.7 cm	0.500 kg

All-Purpose Needle Nose Pliers

- Combination Pliers Strip and cut 8-16 AWG solid and 10-18 AWG stranded wire
- Long nose for extended reach, grabbing and looping wire, and induction-hardened cutting knives for hard wire
- 6-32 and 8-32 screw shearing
- Hot-riveted joint ensures smooth action with no handle wobble
- Made in USA
- Forged steel for maximum durability
- Spring-loaded for self-opening action
- Dual material Journeyman™ handles provide better grip



Cat. No.	Jaw Width	Point Diameter	Handle Finish	Handle Color	Overall Length	Weight
A-J206-8C	2.5 cm	3.18 mm	Journeyman	Yellow/Black	21.9 cm	0.272 kg

Crimpers, Stippers and Cutters

Solid and Stranded Copper Wire Stripper and Cutter

- Cuts, strips, and loops 10-18 AWG Solid and 12-20 AWG Stranded wire and cleanly shears 6-32 and 8-32 shears
- Precision ground stripping holes
- Strong-gripping serrated nose for easy bending, shaping, and pulling of wire
- Holes for looping and bending wire
- Made in USA
- Shear-type cutting blades for clean cuts
- Double-dipped comfort grips with curved handles
- Coil spring provides fast self-opening action
- Easy-to-read markings
- Handy closure lock for convenient storage
- Made in USAWeighs 3.5-Ounces



Cat. No.	Insulated	Strips and Cuts	Screw Shearing	Handle Color	Handle Material	Overall Length	Weight
A-11055	No	10-18 AWG Solid, 12-20 AWG Stranded	6-32 and 8-32	Blue/Yellow	Anodized Aluminum	18.1 cm	0.154 kg

Knives & Cutting Tools

Hawkbill Blade Lockback Knife

- AUS8 stainless steel hawkbill blade
- Lockback secures blade open
- Premium quality blade offers superior edge holding
- Compact design for easy carrying
- Impact-resistant nylon resin handle with rubber insert
- Reversible thumb stud provides easy one-handed opening
- Lanyard hole for tethering



Cat. No.	Lock Style	Blade Type	Blade Length	Retractable Blade	Material	Overall Length	Weight
A-44005	Lockback	Hawkbill	6.7 cm	No	Stainless steel/Nylon Resin	17.2 cm	0.740 kg

Lightweight Lockback Knife

- Coping blade is AUS 8 stainless-steel
- Slim and comfortable silver anodized-aluminum handle for corrosion-resistance
- Reversible thumb stud provides easy, one-handed opening
- Includes removable pocket/belt clip for easy access
- Knife is compact and lightweight
- Only 88.9 mm closed
- Weighs 3.5-Ounces



Cat. No.	Lock Style	Blade Type	Blade Length	Blade Material	Handle Material	Overall Length	Weight
A-44007	Lockback	Coping	6.4 cm	AUS 8 Stainless Steel	Anodized Aluminum	15.6 cm	0.043 kg

Sheet Metal Tools/HVAC

Offset Hand Seamer

- Compound-leverage mechanism easily and accurately bends, seams, and flattens sheet metal in hard to reach, confined spaces
- 3-inch jaw folds 22 gauge steel and 24 gauge stainless steel
- Jaw notched in 1/4-inch (6 mm) increments for precise bending measurements
- Comfortable, contoured grips cover hardened steel handles
- All-steel construction and nickel-chrome plated hardware for long life and durability
- Convenient self-opening latch for one handed operation
- Quality tool for HVAC professionals provides superior results



Cat. No.	Jaw Size	Material	Bends	Handle Color	Overall Length	Weight
A-86524	7.6 cm	Steel	Up to 22 Gauge Steel and 24 Gauge Stainless Steel	Blue/Gray	13.7 cm	0.700 kg

Drivers and Wrenches

Wire Pulling

Tip-Ident® quickly identifies the type of screwdriver and tip orientation

Cushion-Grip Screwdrivers
Meets or exceeds or exceeds applicable ASME / ANSI specifications

Cushion-Grip handle allows for greater torque and comfort

Heat-treated, premium chrome plated shank for smooth feel and corrosion resistance

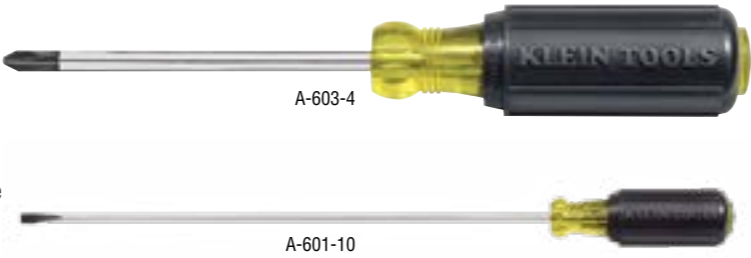
Precision-machined tip for exact fit

Integral flanges inside handle provide solid, twist-resistant blade anchor

MADE IN USA

Cushion-Grip Screwdrivers

- Includes core Cushion-Grip screwdriver features plus:
- Narrow cabinet-tip permits blade access where space is limited
 - Precision machined combo-tip designed for combination head screws
 - Precision machined Phillips tip provides a more consistent geometric symmetry
 - than conventional Phillips screwdrivers to accurately fit and torque without slippage
 - Heavy-duty square shank and hex bolster allows wrench-assisted turning
 - Bolster reinforces shank for hard use



Cat. No.	Tip Type	Shank Type	Insulated	Shank Length	Overall Length
A-603-4	#2 Phillips	Round	No	101.6 mm	209.6 mm
A-601-10	4.8 mm Cabinet	Round	No	254.0 mm	349.3 mm
Heavy-Duty with Bolster					
A-600-12	12.7 mm Keystone	Square	No	304.8 mm	442.9 mm

Slim-Profile Mini Ratchet Set

- Slim profile of the professional Mini Ratchet 5-Piece Set is the perfect tool for tight spaces
- Includes 1/4 and 5/16-Inch nut drivers, a 1/4-Inch adapter and four drive bits: #1 and #2 Phillips; 3/16 and 1/4-Inch slotted
- 1/4-Inch dual-drive head and socket adapter for more versatility
- The 72-tooth ratchet only needs a 5-Degree sweep for tight areas
- High-strength, steel construction increases torque and tool life
- Ring magnet and bit clip for better bit retention
- Finger loop provides one-hand driving and convenient storage



Cat. No.	Drive Size	Head Type	Set / Individual	Material	Overall Length	Weight
A-65200	1/4" Dual-Drive	Hex: 1/4" and 5/16"	Set: 1/4" and 5/16" Nut Driver; 1/4" Socket Adapter; #1 and #2 Phillips; 3/16" and 1/4" Slotted Drive Bits	Steel	11 cm	0.710 kg

Steel Fish Tape

- Durable, high-carbon strength 1/8-Inch wide steel fish tapes are firm yet flexible for long runs and large wire pulls
- Case design decreases payout effort and friction by optimizing the tape payout angle; slip-resistant geometry improves winding power and reduces binding
- Multi-position handle gives you a firm, steady grip as you pull or rewind tape from the case
- Descending laser etched markings in 0.3 m increments allow you to more accurately measure conduit runs and the amount of tape left to pay out
- Made in the US with Global Components
- Protective coating on the steel tape reduces corrosion from non-contact moisture and humidity
- Polypropylene case and handle offer high impact resistance



Cat. No.	Tape Size	Tape End	Material	Color	Weight
A-56334	73.2 m x 0.3 cm x 0.2 cm	Double Loop Steel	Steel	Orange/Black	3.6 kg

Stainless Steel Fish Tape

- Durable, high strength 1/8-Inch wide stainless steel fish tapes are firm yet flexible for long runs and large wire pulls
- Corrosion resistant stainless steel tape extends the life of the tool
- Case design decreases payout effort and friction by optimizing the tape payout angle
- Slip-resistant housing geometry improves winding power and reduces binding
- Multi-position handle gives you a firm, steady grip as you pull or rewind the tape
- Descending laser etched markings in 1-Foot (0.3 m) increments allow you to more accurately measure conduit runs and the amount of tape left to pay out
- Polypropylene case and handle offer high impact resistance



Cat. No.	Tape Size	Tape End	Material	Color	Weight
A-56341	73.2 m x 0.3 cm x 0.2 cm	Double Loop	Stainless Steel	Orange/Black	3.6 kg

Multi-Groove Fiberglass Fish Tape with Spiral Steel Leader

- Multi-groove fiberglass fish tape has a strong core for better pushing power while the grooves provide less surface area for smoother tape feeding
- Case design decreases payout effort and friction by optimizing the tape payout angle
- Slip-resistant housing geometry improves winding power and reduces binding
- Multi-position handle gives you a firm, steady grip as you pull or rewind the tape
- Durable 7-Inch spiral steel leader helps push through crowded conduit
- Durable fiberglass is longer lasting and maneuvers better in crowded conduit
- Polypropylene case and handle offer the maximum impact resistance



Cat. No.	Tape Size	Tape End	Material	Color	Weight
A-56380	30.5 m x 0.5 cm	Spiral Steel Leader	Fibreglass	Orange/Black	1.5 kg

Lubricant

Premium Synthetic Polymer™

- Excellent all-purpose lubricant for electrical, telecommunications and data applications
- Easy-to-apply gel evenly clings instantly to the cable for easy handling and application
- Compatible with most types of cable, including polyethylene and semi conducting jackets
- Superior “clingability” coats wires and conduit evenly
- Non-staining, slow-drying, easy clean-up formula

Cat. No.	Size	Container	Working Temperature
A-51015	0.9 L	Squeeze Bottle	-6° C to 60° C
A-51018	18.9 L	Bucket	-6° C to 60° C



Premium Synthetic Clear™

- Designed for use primarily in finished workspaces (for example around painted walls and carpeted floors)
- The crystal clear formulation is easy to clean-up and will not stain
- Excellent all purpose lubricant for electrical or datacom applications
- Compatible with most types of cable jackets
- Will not separate out in hot environments for when exposed to freezing temperatures

Cat. No.	Size	Container	Working Temperature	Weight
A-51028	0.9 L	Squeeze Bottle	-6° C to 50° C	1.0 kg



Cable Management

Loose Cable Stapler

- Drives insulated staples for Voice, Data, Video, NM-B (Romex®) and other nonmetallic (type NM) sheathed cable
- Adjustable to four sizes of staples: 1/4", 5/16", 19/32" and 31/64"
- Forward action for stability and single-handed operation
- Channel face guides and protects cable
- Cast aluminum body for durability
- Adjustable force setting lever
- Two-level staple guide opening for small and large cable and staple sizes
- Ergonomic, Cushion-Grip handle
- Jam resistant mechanism
- Convenient clip for attaching stapler to belt or tool bag. Clip can be mounted to either side of the stapler
- UL-listed insulated staples secure flat and round cables. Sold separately in 300 qty. packs in 4 sizes

Cat. No.	Description		
A-450-100	Loose Cable Stapler		
Insulated Staples			
Cat. No.	Cable Opening Size	Leg Length	For Use With
A-450-001	6 mm x 8 mm)	(17 mm)	• CAT3/5e data cable • Speaker Wire
A-450-002	8 mm x 8 mm)	(17 mm)	• CAT3/5e/6/6A data cable • RG59/6/6Q coax cable
A-450-003	15 mm x 9 mm)	22 mm)	• CAT3/5e/6/6A (x2, x3) data cable • RG59/6/6Q (x2) coax cable • NM-B (Romex®) 14-3, 14-3G, 12-3

Romex® is a registered trademark of Southwire Company.



NON-CONTACT VOLTAGE TESTER

Klein Tools Non-Contact Voltage Tester detects standard voltage in cables, cords, circuit breakers, lighting fixtures, switches, non tamper-resistant outlets and wires. A bright green LED indicates the tester is powered on. It changes to red and an audible tone sounds when voltage is detected.

Lightweight compact design with a convenient clip to fit securely in your pocket

Auto Power-Off
Conserves and extends battery life

CAT IV 1000V ✓ 2 m

Detects 50-1000V AC

- Voltage Tester provides non-contact detection of voltage in cables, cords, circuit breakers, lighting fixtures, switches, non tamper-resistant outlets and wires
- Volt Pen with high intensity, bright green LED indicates the tester is powered on
- When voltage is detected, a high intensity, bright red LED illuminates and an audible tone will sound
- 50 to 1000V AC power operating range allows broad application
- Auto power-off feature conserves and extends battery life
- CAT IV 1000V safety rating
- Lightweight compact design with a convenient clip to fit securely in your pocket
- Product not recommended for testing tamper-resistant outlets; use Cat. Nos. NCVT-2P or NCVT-3P in low voltage mode
- Includes instructions and 2 x AAA 1.5 volt batteries
- 6.6-Foot (2 m) drop protection

Cat. No.	Voltage	Frequency	Pollution Degree	Standard	Batteries	Overall Length	Weight
A-NCVT-1P	50 - 1000V AC	50 - 500 Hz	2	CAT IV 1000V	2 x AAA	14 cm	0.023 kg



Voice/Data/Video

Toner-PRO Tone Generator

- Professional grade tone generator for non-active wiring
- For use with Probe-Pro Tracing Probe (A-VDV500-123) required (sold separately)
- Five distinct tone cadences
- Rugged Angled Bed of Nails (ABN) clips securely attach to wires
- RJ11 plug easily connects to telephone or RJ45 data jacks to tone individual conductors or wire pairs
- Tests for continuity and polarity with response displayed on clearly labeled, easy-to-read LEDs
- Auto power-off and low battery indicator
- Loop for a lanyard

Cat. No.	Batteries	Overall Length	Overall Height	Overall Width
A-VDV500-063	4 x AAA	63.5mm	108 mm	25.4 mm



A-VDV500-063

Voice/Data/Video

LAN Installation and Tester Starter Kit

- Includes the tools needed to prepare, connect and test modular cables
- Durable nylon tool pouch designed specifically for modular plug installation tools
- Includes Cat. No. VDV226-011 Ratcheting Modular Crimper
- Includes VDV526-052 Lan Scout® Jr. Tester
- Includes 2100-8 Free Fall Snips
- Two additional pockets hold a screwdriver and common AA battery flashlight
- Pouch includes a closeable pocket that will hold up to 25 RJ45 plugs
- Tunnel-loop accommodates up to 2-Inch (51 mm) belt

Cat. No.	Included	Weight
A-VDV026-812	2100-8 Stainless Steel Scissors, VDV226-011 Ratcheting Modular Cutter/Crimper/Stripper, VDV526-052 Lan Scout Jr. Tester, 98554 Marker, and 5-pocket nylon pouch.	0.7 kg

LAN Installer Starter Kit, Punchdown

- Includes the tools needed to prepare and connect 66-type and 110-type punchdown terminal blocks
- Durable nylon tool pouch designed specifically for punchdown installation tools
- Two additional pockets hold a screwdriver and common AA battery flashlight
- Tunnel-loop accommodates up to 2-Inch (51 mm) belt
- Kit includes: Free-Fall Stainless Steel Electrician's Scissors (Cat. No. 2100-8), Impact Punchdown Tool (Cat. No. VDV427-300), Punchdown Tool Blades (Cat. Nos. VDV427-104 and VDV417-110), Permanent Marker (Cat. No. 98554) and 4-Pocket Tool Pouch

Cat. No.	Included	Weight
A-VDV027-813	2100-8 Free-Fall SS Electrician's Scissors, VDV427-047 Punchdown Multi-Tool Chassis, VDV427-015 Tool Blade-110 Type, VDV427-017 Tool Blade-Combo 66/110 Type, 98554 Marker, and 4-Pocket Tool Pouch	0.399 kg

Replacement Cables for Tone & Probe Test and Trace Kit

- Replacement test cables for Tone & Probe Tester and Tracer Kit (VDV500-705)
- RJ11 to alligator clip test cable
- Alligator clips for use on unterminated wires
- RJ45 to RJ45 test cable
- Replaces damaged or lost test cables
- Cables are 6-Inch (15.2 cm) in length
- Comes in resealable poly bag

Cat. No.	Overall Length	Included	Weight
A-VDV770-855	15 cm	Alligator Clips to RJ11 Plug; RJ45 to RJ45	0.028 kg

Self-Storing Test + Map™ Replacement Remote for Scout® Pro 3 Tester

- Replacement remote identifies, tests and maps a location in one step when used with the Scout® Pro Tester
- Test voice (RJ11/12), data (RJ45) and video (coax F-connector) terminated cables
- RJ11/12 jack tests voice cables
- RJ45 jack tests data cables
- Male F-Connector interface tests Female F terminated coax cables
- Remote is clearly marked for easy identification
- Tester sold separately

Cat. No.	Overall Length	Connection & Adapter Types	For Use With	Weight
A-VDV501-210	5.1 cm	RJ11, RJ12, RJ45, Coax F	Scout® Pro 3 Tester	0.045 kg



A-VDV026-812



A-VDV027-813



A-VDV770-855



A-VDV501-210

Power Tools and Accessories

26-Piece Pro Impact Power Bit Set

- 10.2 mm bit extension with strong magnet to keep bits in place
- S2 Impact-Rated Steel for maximum life
- 31.8 mm precision machined bits are longer and easier to grip
- 2-5/8" nut drivers reach easily into junction boxes
- Extended 4" (10.2 mm) Phillips and Square bit for those hard-to-reach fasteners
- Hidden loose bit storage and a spring-loaded stay-shut latch

Cat. No.	Description
A-32799	Pro Impact Power Bit 26-Piece Set

Cat. No.	Description	Includes	Package Quantity
A-32791	Pro Impact Power Bit Extension	(10.2 cm) Bit Extension	1
A-32792	1/4" Pro Impact Power Nut Driver	1/4" Hex Nut Driver	3
A-32793	5/16" Pro Impact Power Nut Driver	5/16" Hex Nut Driver	3
A-32794	3/8" Pro Impact Power Nut Driver	3/8" Hex Nut Driver	3
A-32795	Assorted Pro Impact Power Bits	(2) #2 Phillips, (2) #2 Square	4
A-32796	Assorted Pro Impact Power Bits	#1 Phillips, #3 Phillips, #1 Square, #3 Square, #2 Combo, 3/16" (4.8 mm) Slotted, 1/4" (6.4 mm) Slotted	7
A-32798	Assorted Pro Impact Power Bits	#2 Phillips	5



A-32799



A-32791

A-32792

A-32793

A-32794

A-32798



A-32795



A-32796



Lifting, Pulling and Structural

Curved Jaw Chicago® Grip for EHS Cable

- When pulling EHS (extra-high-strength) galvanized-steel cable, the galvanizing has a tendency to coat the jaws of any grip, causing the cable to slip
- To reduce the possibility of slippage and damage to the cable, the jaws of this grip are milled on a curve with a double "V" contour
- For use on aluminum, copper, weatherproof coated wire, PVC covered conductors and messenger and guy strand
- Locking handle keeps jaw open while grip is placed on cable with a hot stick
- Made in USA

Cat. No.	Cable Diameter	Jaw Type	Maximum Safe Load	Weight
A-1684-74	5.54 to 13.97 mm	Double V, Milled Curved	3629 kg	2.6 kg



A-1684-74

Canvas Buckets

Canvas Bucket with Bucket Top

- Canvas Bucket is load rated 150-pounds (68 kg)
- Top of tool bucket zips closed
- 14-Inch (35.6 cm) diameter accommodates standard 5-gallon (18.93 L) bucket
- 22-Inch (55.9 cm) tall bucket constructed of heavy-duty No. 1 canvas
- Web strap extends down the side of the bucket
- Leather reinforced bottom extends 3-Inch (76 mm) up the side
- Durable steel rim



A-5104CLR22

Cat. No.	Load Rating	Diameter	Overall Height	Closure Type	Material	Weight
A-5104CLR22	68 kg	35.6 cm	55.9 cm	Zipper	No. 1 Canvas	3.2 kg

Tapered-Wall Bucket

- Bottom made of black molded polypropylene for durability
- Made in the USA
- Web handle extends down the sides of the bucket for added strength
- Durable, straight-wall and tapered-wall buckets are made of heavy-duty No. 6 canvas
- Measures 13-Inch (33 cm) high, with tapered diameter of 12-Inch (30.5 cm) at the top, 9-Inch (23 cm) at the bottom
- High-density polyethylene top ring for strength and chemical resistance



A-5113

Cat. No.	Top Diameter	Bottom Diameter	Overall Height	Material	Weight
A-5113	30.5 cm	23 cm	33 cm	No. 6 Canvas	0.7 kg

Bull-Pin and Bolt Pouch

- Tool Bag made of No. 4 canvas with double bottom
- Bolt bag with bull-pin loop on each side
- Made in the USA
- Easily hangs on tool belt for easy access



A-5416

Cat. No.	Number of Pockets	Material	Belt Connection	Belt Width	Overall Length	Overall Width	Overall Height	Weight
A-5416	3	No. 4 Canvas	Loops	76.2 mm	127.0 mm	254.0 mm	228.6 mm	3.2 kg

Tool Belts

Medium Tool Belt with Quick Release Buckle

- Medium fits 30-Inch to 44-Inch (762 mm to 1118 mm) belt sizes
- Belt is made of a mildew-resistant blend of cotton/polyester webbing for comfort and strength
- Features a forged, quick-release buckle for emergency situations where the user has to quickly disengage the belt (ie, working over water or in grain elevators)
- Must be worn over the users harness and clothing so it will drop free when released
- This is NOT an occupational protective belt. ONLY use as a tool belt

Cat. No.	Waist Size	Width	Weight
A-5425M	76.2 to 111.8 cm	5.1 cm	0.7 kg



A-5425M

Tradesman Pro™ Padded Tool Belt

- 50.8 mm wide belt features padded liner with breathable mesh interior
- Thick, rugged leather belt ends
- Side handles for ease of lifting
- Includes metal connection
- Points to attach suspenders for extra support

Cat. No.	Waist Size	Belt Width	Overall Length	Overall Width
A-55918	787.4 to 863.6 mm	50.8 mm	113 cm	127 mm
A-55919	889.0 to 990.6 mm	50.8 mm	124.5 cm	127 mm



A-55919

Jobsite Accessories

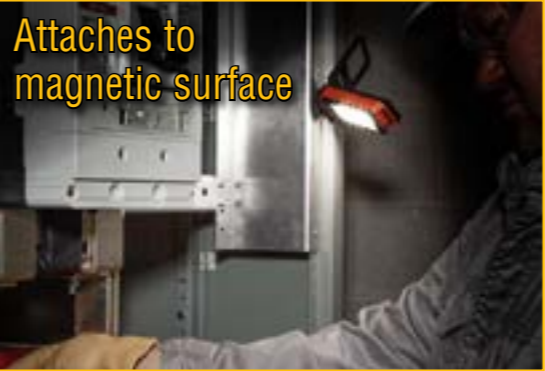
Rechargeable Personal Work Light

- Versatile Rechargeable Personal Work Light stands, hooks, hangs, and mounts magnetically
- LED Light modes are High: 460 Lumens for 9 hours, and Low: 175 Lumens for 16 hours
- Able to charge smartphones and other small devices via USB-A
- Infinite light direction; head rotates 360 degrees while the kickstand rotates 270 degrees
- Kickstand features strong magnets for mounting, three nail notches, and a built-in carabiner for easy hanging
- Gauge indicates battery life in 25-Percent increments
- Rechargeable via Micro-USB cord (included)
- Easy to find glow locator recharges when lit
- Durable light has a 6-Foot drop test rating and is IP54 water and dust resistant

Cat. No.	Lumens	Battery Life	Batteries	Drop Protection
A-56403	High: 460; Low: 175	High: 9 hours, Low: 16 hours	Li-Ion 18650	1.8 m



A-56403



Alco was the first brand to provide a comprehensive range of Metal Cable Glands designed in Australia to meet Australian and International Standards. Alco premium quality cable glands are manufactured to comply with the requirements of the AS/NZS 60079.2000 (equivalent to IEC 60079/1998) standards.



ENCLOSURES

Junction Box Accessories

Din Rail

- Electrical component mounting rail

Types: Tophat, Slotted
Standard: IEC 60715
Material: Steel, Zinc Plated



Cat. No.	Length	Width	Height	Type	Slotted
ALCTS15S1000	1000	15	5	Tophat	Yes
ALCTS35S2000	2000	35	7.5	Tophat	Yes
ALCTS35S1000	1000	35	7.5	Tophat	Yes
ALCTS35HS2000	2000	35	15	Tophat	Yes
ALCTS35HS1000	1000	35	15	Tophat	Yes

All dimensions in mm unless otherwise specified.

Crimping Tool Accessories

Individual 12 Tonne Copper C-Connector Dies

- Hardened alloy steel black finish dies
- For crimping C profile copper connectors in underground earthing applications (in clay is good)
- Dies suit all common U-die 12t hydraulic and battery/hydraulic crimpers (Izumi style)
- Sizes to suit conductors from 16mm² to 240mm²



Cat. No.	Description	Crimping Size (mm²)	Crimp Length (mm)
ALCK12-C25C	Suits standard 25mm² connectors	25 mm²	2 x 5mm
ALCK12-C35C	Suits standard and wide mouth 35mm² connectors	35 mm²	2 x 5.5mm
ALCK12-C70C	Suits standard and wide mouth 70mm² connectors, and 70mm² multi fit connectors	70 mm²	5mm
ALCK12-C95C	Suits standard 95mm² connectors	95 mm²	5mm
ALCK12-C120C	Suits standard and wide mouth 120mm² connectors, and 120mm² multi fit connectors	120 mm²	5mm
ALCK12-C240C	Suits wide mouth 240mm² connectors, and 240mm² multi fit connectors	240 mm²	12mm

12 Tonne Copper C-Connector Crimp Die Kit

- 12 Ton C-Connector Die Kit
- 6 pieces stored in convenient case
- Includes 6 Dies 25 to 240mm
- Hardened alloy steel black finish dies
- For crimping C profile copper connectors in underground earthing applications (in clay is good)
- Dies suit all common U-die 12t hydraulic and battery/hydraulic crimpers (Izumi style)
- Dies can also be sold individually

Cat. No.	Kit Contains
ALCK12-CCDIEKIT	ALCK12-C25C Suits standard 25mm² connectors
	ALCK12-C35C Suits standard and wide mouth 35mm² connectors
	ALCK12-C70C Suits standard and wide mouth 70mm² connectors, and 70mm² multi fit connectors
	ALCK12-C95C Suits standard 95mm² connectors
	ALCK12-C120C Suits standard and wide mouth 120mm² connectors, and 120mm² multi fit connectors
	ALCK12-C240C Suits wide mouth 240mm² connectors, and 240mm² multi fit connectors



ALCK12-CCDIEKIT

Crimping Tool Accessories

Individual Strip Dies For XLPE Insulation

- Protects against knife injuries on the job
- Optimized design prevents nicks
- Ability to strip in crowded panels and switch gears
- Compatible with Milwaukee M18™ cable stripper (M18BCS-0C)

Cat. No.	Diameter Range
ALCSTD8	6 - 8mm
ALCSTD9	7.5-9.1mm
ALCSTD10	8.8-10.3mm
ALCSTD12	10.0-12.2mm
ALCSTD14	12.2-14.5mm
ALCSTD17	14.5-17.0mm
ALCSTD19	17.0-18.7mm
ALCSTD21	18.7-20.7mm
ALCSTD24	20.7-23.9mm
ALCSTD27	24 to 26.6mm
Accessories	
Cat. No.	Description
ALCSTDADP	Strip Die Adaptor to suit ALCSTD24 to ALCSTD27
ALCSTDHND	Strip Die Handle to Suit ALCSTD8 to ALCSTD27 (ALCSTD24/27 with adaptor)



Strip Die Set for XLPE Insulation

- 10 piece Strip die set for XLPE insulation
- Diameter Range 6 to 26.6mm suits 25 to 300 mm
- Protects against knife injuries on the job
- Optimized design prevents nicks
- Ability to strip in crowded panels and switch gears
- Compatible with Milwaukee M18™ cable stripper (M18BCS-0C)

Cat. No.	Kit Contains	
ALCSTDKIT	ALCSTD8	6 - 8mm
	ALCSTD9	7.5-9.1mm
	ALCSTD10	8.8-10.3mm
	ALCSTD12	10.0-12.2mm
	ALCSTD14	12.2-14.5mm
	ALCSTD17	14.5-17.0mm
	ALCSTD19	17.0-18.7mm
	ALCSTD21	18.7-20.7mm
	ALCSTD24	20.7-23.9mm
	ALCSTD27	24 to 26.6mm



ALCSTDKIT

Specialty Terminals

Heatshrink solder joint terminals

- Combines advantages of heatshrink, low-melt solder and waterproofing protection glands
- Fast, waterproof, electrically reliable connection
- Fully insulated connection
- Doesn't require crimping tool or solder

Shrink Temperature: +150
Operating Temperature: -10 / +105
Voltage Maximum: 600V



ALCHSJSW ALCHSJSR ALCHSJSB ALCHSJSY ALCHSCJW ALCHSCJR ALCHSCJB ALCHSCJY

Cat. No.	Description	Conductor Size (mm²)	Colour	Pack Qty
ALCHSJSW-100	Glue lined Heat shrink solder joints for waterproof soldered connections	Cu 0.25-0.5mm²	Clear	100
ALCHSJSR-50	Glue lined Heat shrink solder joints for waterproof soldered connections	Cu 0.5-1.5mm²	Red	50
ALCHSJSB-50	Glue lined Heat shrink solder joints for waterproof soldered connections	Cu 1.5-2.5mm²	Blue	50
ALCHSJSY-25	Glue lined Heat shrink solder joints for waterproof soldered connections	Cu 4-6mm²	Yellow	25
ALCHSCJW-100	Heatshrink crimp and solder connections	Cu 0.25-0.5mm²	Clear	100
ALCHSCJR-50	Heatshrink crimp and solder connections	Cu 0.5-1.5mm²	Red	50
ALCHSCJB-50	Heatshrink crimp and solder connections	Cu 1.5-2.5mm²	Blue	50
ALCHSCJY-25	Heatshrink crimp and solder connections	Cu 4-6mm²	Yellow	25

Heatshrink Solder Joint Kit

- 46 piece Solder joint terminal kit
- Combines advantages of heatshrink, low-melt solder and waterproofing protection glands
- Fast, waterproof, electrically reliable connection
- Fully insulated connection
- Doesn't require crimping tool or solder

Cat. No.	Kit Contains		
	Cat. No.	Description	Qty
ALCHSJS-KIT46	ALCHSJSW	Cu 0.25-0.5mm²	10
	ALCHSJSR	Cu 0.5-1.5mm²	5
	ALCHSJSB	Cu 1.5-2.5mm²	5
	ALCHSJSY	Cu 4-6mm²	3
	ALCHSCJW	Cu 0.25-0.5mm²	10
	ALCHSCJR	Cu 0.5-1.5mm²	5
	ALCHSCJB	Cu 1.5-2.5mm²	5
	ALCHSCJY	Cu 4-6mm²	3



ALCHSJS-KIT46

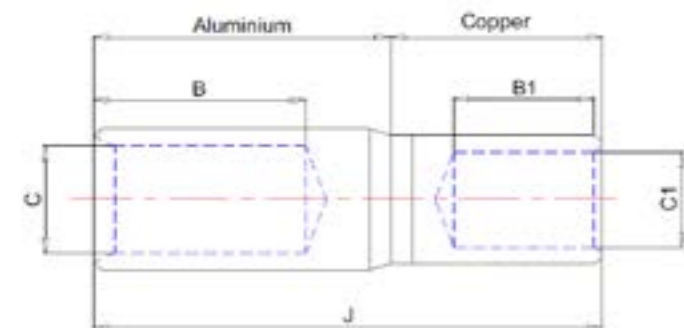
Non-Insulated Links

Non-Insulated Links

Non-Insulated Bi-metallic Reducing links

- For flexible & stranded CU - Conductors & Winding Conduct
- Aluminum Sleeve 99.6%pure
- Copper Palm 99.9%pure
- Tensile Strength 110Mpa
- Ductile Rating 28%
- Final Metal State Fully Annealed inc.joint
- Joining Method Friction Weldings

Operating Temperature: -55°C to +155°C
Resistivity: 2.6micro-ohm cm (max):aluminum
 7.738 micro-ohm cm:copper
Conductivity: 61.8% IACS(min):aluminum
 99.7% IACS : copper



Cat. No.	Conductor Size		Dimensions (mm)		Copper Dimensions (mm)		Total Length	No of Crimps	Pack Qty
	Aluminum	Copper	C	B	C1	B1			
ALCLKA6-4	6 mm²	4 mm²	3.5	32	3.0	21	70	1	25
ALCLKA6-6	6 mm²	6 mm²	3.5	32	3.5	21	70	1	25
ALCLKA10-6	10 mm²	6 mm²	4.5	32	3.5	21	70	1	25
ALCLKA10-10	10 mm²	10 mm²	4.5	32	4.5	21	70	1	25
ALCLKA16-10	16 mm²	10 mm²	5.5	32	4.5	21	70	1	25
ALCLKA16-16	16 mm²	16 mm²	5.5	32	5.5	21	70	1	25
ALCLKA25-16	25 mm²	16 mm²	7.5	32	5.5	21	70	1	25
ALCLKA25-25	25 mm²	25 mm²	7.5	32	7.3	21	70	1	25
ALCLKA35-25	35 mm²	25 mm²	8.5	32	7.3	21	70	1	25
ALCLKA35-35	35 mm²	35 mm²	8.5	32	8.2	21	70	1	25
ALCLKA50-35	50 mm²	35 mm²	9.5	32	8.2	24	70	1	10
ALCLKA50-50	50 mm²	50 mm²	9.5	32	9.5	24	70	1	10
ALCLKA70-25	70 mm²	25 mm²	11.5	32	7.3	24	70	1	10
ALCLKA70-35	70 mm²	35 mm²	11.5	32	8.2	24	70	1	10
ALCLKA70-50	70 mm²	50 mm²	11.5	32	9.5	24	70	1	10
ALCLKA70-70	70 mm²	70 mm²	11.5	32	11.5	24	70	1	10
ALCLKA95-35	95 mm²	35 mm²	13.8	60	8.2	32	110	1	10
ALCLKA95-50	95 mm²	50 mm²	13.8	60	9.5	32	110	1	10
ALCLKA95-70	95 mm²	70 mm²	13.8	60	11.5	32	110	1	10

Cat. No.	Conductor Size		Dimensions (mm)		Copper Dimensions (mm)		Total Length	No of Crimps	Pack Qty
	Aluminum	Copper	C	B	C1	B1	J		
ALCLKA95-95	95 mm²	95 mm²	13.8	60	13.5	32	110	1	10
ALCLKA120-50	120 mm²	50 mm²	15.5	60	9.5	32	110	1	10
ALCLKA120-70	120 mm²	70 mm²	15.5	60	11.5	32	110	1	10
ALCLKA120-95	120 mm²	95 mm²	15.5	60	13.5	32	110	1	10
ALCLKA120-120	120 mm²	120 mm²	15.5	60	15.5	32	110	1	10
ALCLKA150-70	150 mm²	70 mm²	16.5	60	11.5	40	120	1	10
ALCLKA150-95	150 mm²	95 mm²	16.5	60	13.5	40	120	1	10
ALCLKA150-120	150 mm²	120 mm²	16.5	60	15.5	40	120	1	10
ALCLKA150-150	150 mm²	150 mm²	16.5	60	16.5	40	120	1	10
ALCLKA185-95	185 mm²	95 mm²	18.0	60	13.5	40	120	1	6
ALCLKA185-120	185 mm²	120 mm²	18.0	60	15.5	40	120	1	6
ALCLKA185-150	185 mm²	150 mm²	18.0	60	16.5	40	120	1	6
ALCLKA185-185	185 mm²	185 mm²	18.0	60	18.5	40	120	1	6
ALCLKA240-120	240 mm²	120 mm²	22.0	60	15.5	40	120	1	6
ALCLKA240-150	240 mm²	150 mm²	22.0	60	16.5	40	120	1	6
ALCLKA240-185	240 mm²	185 mm²	22.0	60	18.5	40	120	1	6
ALCLKA240-240	240 mm²	240 mm²	22.0	60	21.5	40	120	3	6
ALCLKA300-150	300 mm²	150 mm²	23.5	60	16.5	40	120	1	6
ALCLKA300-185	300 mm²	185 mm²	23.5	60	18.5	40	120	1	3
ALCLKA300-240	300 mm²	240 mm²	23.5	60	21.5	40	120	3	3
ALCLKA300-300	300 mm²	300 mm²	23.5	60	23.5	40	120	3	6
ALCLKA400-240	400 mm²	240 mm²	26.5	75	21.5	55	155	3	1

GENERAL LUGS

10-400mm²
Independently tested
and complies to
Australian Standard
AS4325.1 cl 7

LONG BARREL LUGS

GENERAL LINKS

BELL MOUTH LUGS

CIRCUIT BREAKER LUGS

ARE YOUR LUGS AND LINKS CERTIFIED?

With over 20 years' experience, Alco has developed an extensive range of lugs that conform to the unique Australian standards. Our in-house engineering capability's means we have extensive knowledge, not just of the products themselves but also of the application of the range. To complement our lugs and links range, we have a wide variety of tools to meet your crimping needs.

REDUCING LINKS

LONG PALM LONG BARREL LUGS

BI-METAL LUGS

BI-METAL REDUCING LINKS

NEW PRODUCT

Stud Grommet

Easy Fit Metal Stud Grommet

- Protects cabling and plumbing
- Reduces vibration and noise on pipes and cables
- Use with alco metal stud punch Hardened steel dies for durability

Cat. No.	Hole Size	Suits pipes/cable	Pack Qty
ALCMSG028	28mm diameter hole	up to 3/4 inch (20mm) diameter	100
ALCMSG034	34mm diameter hole	up to 1 inch (25mm) diameter	100



Heatshrink Kits

Pre-cut Glue Lined Heatshrink

- Pre-Cut Heatshrink
- 300mm Lengths
- Medium & Thick Walled
- Glue Lined
- Black Colour Only
- Mixed sizes

Shrink Temperature: ≥ 110°C

Shrink Ratio: Radial Shrinking Ratio: > 50%
Longitudinal Shrinking Ratio: < 10%

Tensile Strength: ≥5.5 MPa

Elongation at Break: ≥580%

Operating Temperature: -55°C - 125°C



Cat. No.	Description	Diameter As Supplied	Diameter After Heating	Length	Colour	Qty
HSGLPRE CUT						
Medium Wall Glue Lined						
	HSMWGL 10.0/3.0	10.0mm	3.0mm	300mm	Black	2
	HSMWGL 16.0/5.0	16.0mm	5.0mm	300mm	Black	2
	HSMWGL 25.0/8.0	25.0mm	8.0mm	300mm	Black	1
	HSMWGL 35.0/12.0	35.0mm	12.0mm	300mm	Black	1
Thick Wall Glue Lined						
	HSTKWGL 13.0/4.0	13.0mm	4.0mm	300mm	Black	2
	HSTKWGL 19.0/6.0	19.0mm	6.0mm	300mm	Black	2
	HSTKWGL 18.0/9.0	18.0mm	9.0mm	300mm	Black	1
	HSTKWGL 38.0/12.0	38.0mm	12.0mm	300mm	Black	1

Heatshrink Kits

Pre-cut Thin Walled Heatshrink

- Pre-Cut Heatshrink
- 300mm Lengths
- Thin Walled
- Mixed Colours
- Mixed Sizes

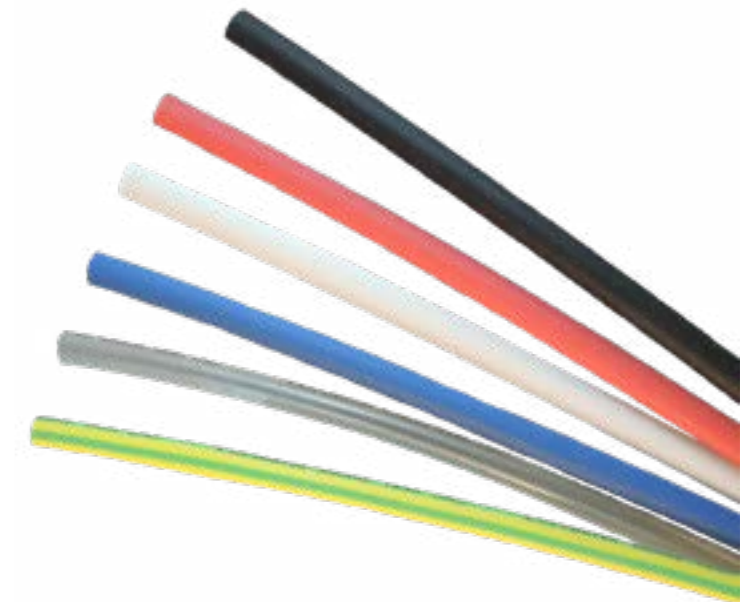
Shrink Temperature: ≥ 110°C

Shrink Ratio: Radial Shrinking Ratio: > 50%
Longitudinal Shrinking Ratio: < 10%

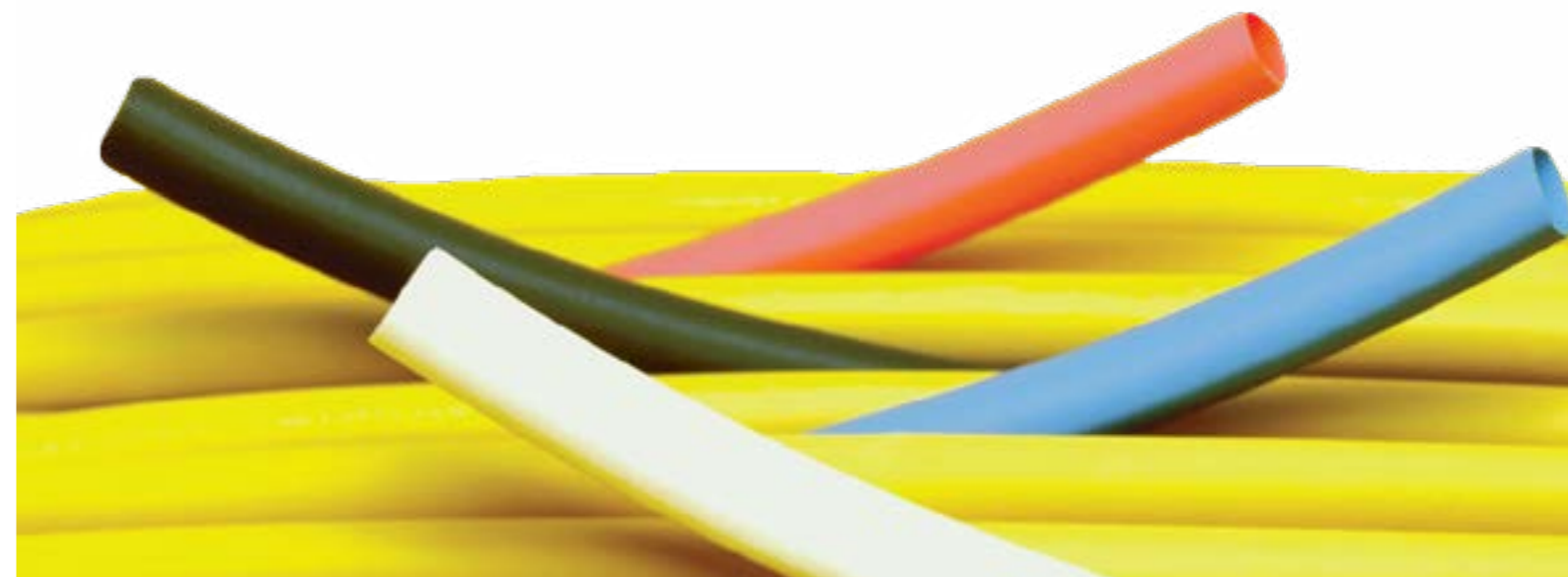
Tensile Strength: ≥ 15.5 MPa

Elongation at Break: ≥580%

Operating Temperature: -55°C - 125°C



Cat. No.	Description	Diameter As Supplied	Diameter After Heating	Length	Black Qty	Blue Qty	Red Qty	White Qty	Yellow/Green Qty	Clear Qty
HSTNWPRE CUT										
	Thin Wall 2.5/1.25	2.5mm	1.25mm	300mm	4	4	4	4	4	4
	Thin Wall 5.0/2.5	5.0mm	2.5mm	300mm	3	3	3	3	2	2
	Thin Wall 7.0/3.55	7.0mm	3.55mm	300mm	3	3	3	3	2	2
	Thin Wall 10.0/5.0	10.0mm	5.0mm	300mm	3	3	3	3	2	2
	Thin Wall 13.0/6.55	13.0mm	6.55mm	300mm	3	3	3	3	2	2
	Thin Wall 22.0/11.0	22.0mm	11.0mm	300mm	2	2	2	2	2	2



Cable Ties & Accessories

NEW SIZE

Nylon Cable Ties

- Industrial cable ties designed for the mobile worker
- Designed for use wherever you need to bundle wire, cable or pipe
- Easily adjustable and made from polyamide 66
- Halogen free
- UV resistant (black only)

Material: Polyamide 66 UL94V2

Operating temperature range: 0-85°C



ALCTIE140B

Cat. No.	Length (mm)	Width (mm)	Max Bundle Dia (mm)	Tensile Strength (kg)	Colour	Pack Size
ALCTIE200LDB	200	2.5	52	8	Black	100
ALCTIE200LDW	200	2.5	52	8	White	100
ALCTIE200MDB	200	3.5	52	18	Black	100
ALCTIE200FB	200	7.5	54	54	Black	100
ALCTIE200BL	200	4.6	54	22	Blue	100
ALCTIE200GN	200	4.6	54	22	Green	100
ALCTIE200RD	200	4.6	54	22	Red	100
ALCTIE200YW	200	4.6	54	22	Yellow	100
ALCTIE250B	250	4.6	68	22	Black	100
ALCTIE290BL	290	4.6	81	22	Blue	100
ALCTIE290GN	290	4.6	81	22	Green	100
ALCTIE290RD	290	4.6	81	22	Red	100
ALCTIE290YW	290	4.6	81	22	Yellow	100
ALCTIE430B	430	4.6	125	22	Black	100
ALCTIE510XHDB	510	12.7	150	110	Black	25
ALCTIE530B	530	4.6	160	22	Black	100
ALCTIE540FB	540	7.5	160	54	Black	100
ALCTIE610XHDB	610	12.7	181	110	Black	25
ALCTIE770HDB	770	8.7	226	80	Black	25
ALCTIE770HDW	770	8.7	226	80	White	25
ALCTIE1100HDB	1160	8.7	335	80	Black	25
ALCTIE1530HDB	1530	8.7	460	80	Black	25

Nylon Mounting Head Cable Ties

Cat. No.	Length (mm)	Width (mm)	Mounting Head Hole Dia (mm)	Tensile Strength (kg)	Colour	Pack Size
ALCTIE200MHW	200	4.6	5.1	22kg	White	100
ALCTIE200MHB	200	4.6	5.1	22kg	Black	100



ALCTIE140W



ALCTIE200BL



ALCTIE200GN



ALCTIE200RD



ALCTIE200YW

Wattmaster

The Wattmaster range of tools has been synonymous as a trusted name in the electrical industry since the late 1960's. Well known for quality products and extensive industry knowledge, Wattmaster has been the brand that Australian electricians continue to rely upon. The range consists of many well known brands of hand tools & storage systems including, Marvel pliers, Witte screwdrivers and Rola case.



Pliers & Side Cutters

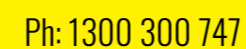
HEAVY DUTY LINEMANS PLIERS



- 225mm combination pliers
- Special shaped cutter for TPS cable
- Soft comfort handle grips
- Heavy duty non-slip handles
- Tested to 1000V ratings
- Multi-fit nut holder
- Cross thatched pliers
- Precision machined and hardened cutting jaws
- Made from drop forged and heat treated steel

Cat. No.	Cutting capacity copper wire	Cutting capacity SWA Strands	Cutting capacity 2C+E flat cable	Crimping capacity non-insulated terminals	Handle Color	Steel Material	Overall Length
WATMA880TPS	16mm²	2mm Ø	1.5 - 2.5 mm²	up to 10mm²	Orange	CR-MO	225 mm

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