

- 
- Ratchet Spanners & Podgers
 - Hand & Battery Style Ratchet Cutters
 - Cable Preparation & Stripping Tools
 - Deep & Tubular Impact Sockets
 - Temporary Earth Stake & Earth Rod Driver
 - Conductor Scratch/Cleaning Brushes
 - Conductor Diameter Gauges
 - 1000v Insulated Tools

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**Require tools and equipment for a new truck?
TEN can customise a kit to suit Line-workers, apprentices and crew requirements**

NAGAKI



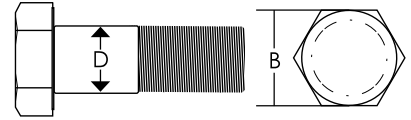
FOUR sizes in ONE

Ratchet Wrenches and Podgers

4 Way Ratchet Wrench - NGK

Part No. BY-3

- Four sizes in one
- Plastic ergonomic non-slip handle with grips



D	10mm	12mm	16mm	20mm
B	17mm	19mm	24mm	30mm

2 Way IPC Ratchet Wrench

Part No. RS1317-Series

Reversible ratchet spanner.

The 6 point hex is ideal for 1.5 - 240mm² IPC's

- Ideal for IPC's
- Straight Plastic Handle
- Available with long or short handle
- Forward and reverse ratchet mechanism

Part No.	Handle	Size OAL (mm)	Hex
RS1317-6SH	Short Handle	13 & 17 210	6pt
RS1317-6LH	Long Handle	13 & 17 250	6pt
RS1317	No Handle	13 & 17	6pt

2 Way Ratchet Podgers

Part No. RRP-Series

The R-series Podgers from TEN are precisely machined, heat treated and zinc plated. Each podger ratchet consists of two drive socket heads of different sizes within a heavy duty 32 tooth ratchet mechanism. Dual head ratchets allow speed and efficiency on the job.

- Reversible with continuous taper
- 12pt Hex - refer table below
- 13 - 24mm available with plastic handle
- Forward and reverse ratchet mechanism
- 2 sizes of double hexagonal sockets per tool

12pt HEX

Part No. (no handle)	Part No. (with handle)	Size (mm)	Hex
RRP1317	RRP1317-H	13 & 17	12pt
RRP1719	RRP1719-H	17 & 19	12pt
RRP1824	RRP1824-H	18 & 24	12pt
	RPH1824	18 & 24 (Folding Handle)	12pt
RRP1921	RRP1921-H	19 & 21	12pt
RRP1924	RRP1924-H	19 & 24	12pt
RRP2124	RRP2124-H	21 & 24	12pt
RRP2427	RRP2427-H	24 & 27	12pt
RRP2430	RRP2430-H	24 & 30	12pt
RRP3032	RRP3032-H	30 & 32	12pt
RRP3036	RRP3036-H	30 & 36	12pt
RRP3236	RRP3236-H	32 & 36	12pt
RRP38BS16	RRP38B16-H	3/8" BS/16mm	12pt

Single Ratchet Podger

Part No. RRP36/H

12pt HEX

Part No. (no handle)	Part No. (with handle)	Size (mm)	Hex	Length (mm)
RRP36	RRP36-H	36	12pt	450



Suits IPC's

Spanner Ratchet 13 & 17mm Reversible 6 Point Hex Suits IPC's 1.5 - 240mm² with short handle or long handle

Short or Long Handle



Lanyard can be threaded through anchor hole for added safety



Handle Version



JennyTools



9009

**KLEIN
TOOLS**



63607



RC-32ACSR

Klauke®
A Textron Company



K1062



K683T

**RELIABLE
EQUIPMENT**



Hand Ratchet Cutters - ACSR - Steel - Cu - Al

Part No. Various

- Suitable for Cutting ACSR - Steel - Copper - Aluminium (See table below)
- From 15mm to 52mm (See table below for cutting capacity of each tool)
- Patented two-step ratchet mechanism requires fewer strokes per cut
- Quick-release lever opens blades easily in every cutting position
- Handle locks in closed position for storage and transportation
- Full ratcheting cycle and release in all cutting positions
- Ergonomic handles design to maximise cutting leverage

**Breaking blades?
Solution - RC-32ACSR
AL/CU/ACSR/ST
CUTTERS**

ACSR - Steel - Guy Cable Cutters

Part No.	Cable Dimensions Max Diameter (mm)			Length OAL (mm)	Tool Wt (kg)
	Cu	Al	ACSR / St / Guy		
9009	15	18	ACSR - 15 / Steel - 5	267	0.5
63607	18	22	ACSR - 17 / Steel - 10	260	0.7
RC-32ACSR	32	32	ACSR - 20 / Steel - 5	254	0.7

Copper - Aluminium Cable Cutters

Part No.	Cable Dimensions Max Diameter (mm)			Length OAL (mm)	Tool Wt (kg)
	Cu	Al	ACSR / St / Guy		
K1062	52	52	-	280	0.7
K683T	32	32	-	260	0.7

Ratcheting Cable Cutter - Reliable

Part No. REL-R-HC

- Jaw keeper prevents the jaws from spreading while under heavy load
- Shear-cut blades
- Ratchet and chain increase cutting pressure as handles open and close
- Moderate pressure opens & closes handles.
- Mechanical advantage over manual cutters

Part No. REL-R-SC

- Cut Copper & Aluminum cable up to 50mm, including rubber or lead covered cable
- Heavy duty jaw and ratchet design provides mechanical advantage over manual cutters
- Does not cut steel

Part No.	Cable Dimensions Max Diameter (mm)			Length OAL (mm)	Tool Wt (kg)
	Cu	Al	ACSR		
REL-R-HC	30	30	30	736	4.5
REL-R-SC	50	50	-	736	4.4

Klauke®

Battery Ratchet Cutters - ACSR - Steel - Cu - Al

55mm Ratchet Cutter, ACSR/AL/CU - Klauke

Battery Operated Ratchet Cutters, designed for cutting a variety of OH Conductors & UG cables, including CU, AL & ACSR.



Features

- Ergonomically designed
- One handed operation
- LED light to illuminate work area
- Forward & Reverse switch
- Versatile Makita platform



Order Information

Part No. ACSR	Part No. AL/CU	Description
ESST55AP-AL	ESU55AP-AL	Tool skin & canvas bag
ESST55AP-AL-K	ESU55AP-AL-K	Tool, 2 x 3.0Ah* Makita batteries, charger and canvas bag

Technical Data

Part No.	Head Style	Cuts	Jaw opening (mm)	Capacity (mm)			Dimensions (mm) (L x W x H)	Wt (kg) Inc. Battery
				CU	AL	ACSR		
ESST55AP-AL	Ratchet	ACSR	55	-	-	OLIVE*	391 x 110 x 186	3.6
ESU55AP-AL	Ratchet	AL / CU		29	33	-	388 x 110 x 198	3.4

* OLIVE Conductor stranding 54/7/3.50

50 & 65mm Ratchet style Cutters - AL/CU

Battery Operated Ratchet Cutters, designed for cutting a variety of OH & UG Conductors, including CU & AL



Part No. RCB-50Y

- Scissor Style Head
- Ideal for Confined spaces
- Max Cut 630mm²
- 50mm Jaw opening

**Cuts
AL/CU**

Part No. RCB-65N

- 65mm Jaw opening
- Max 1000mm²
- Ideal for larger UG cables
- Forward & Reverse mechanism



Order Information

Part No.		Description
RCB-50Y-0	RCB-65N-0	Tool skin & case
RCB-50Y-K	RCB-65N-K	Tool, 2 x 3.0Ah* Makita batteries, charger & case

* See page C37 for battery and charger information

Technical Data

Part No.	Head Style	Cuts	Jaw opening (mm)	Capacity (mm)			Dimensions (mm) (L x W x H)	Wt (kg) Inc. Battery
				CU	AL	ACSR		
RCB-50Y	Scissor Ratchet	AL / CU	50	33	33	-	160 x 110 x 370	4.4
RCB-65N	Ratchet	AL / CU	65	41.5	41.5	-	175 x 110 x 320	3.5

Cable & Side Cutters

Cable Cutter - AL/CU - Klein

Part No. 63035

- Maximum cutting capacity 22mm Aluminium & Copper
- 425mm Length

Cable Cutter - AL/CU - Klein

Part No. 63050

- Maximum cutting capacity 12mm Aluminium & Copper
- High-leverage design for exceptional cutting capability
- Hot-riveted joint ensures smooth action and no handle wobble
- 241 mm Length

Parrot Beak Cable Cutter AL/CU

Part No. 0890CSJ

- Special alloy hardened blades
- Comfort grips
- High-leverage jaws with shear-cut blades

1000V Side Cutters

Part No. 5428HV

- 1000V Diagonal cutter
- Length 200mm
- Electronically Induction Hardened Cutting Edges

Pliers

Universal Cutting Pliers

Part No. 3800CTV

- Premium quality forged alloy steel for toughness and durability
- Precise jaw gap for wire work with cross hatch jaws for positive grip
- Serrated pipe grip
- Extended and hardened cutting jaw for use with flat multi-core cabling
- Built in crimper for use on 1.5mm² to 6mm² solderless connectors
- Length 200mm

Universal Cutting Plier - 1000V

Part No. 3800CHV

- 1000V Universal Plier with crimper
- Length 200mm

Long Nose Pliers - 1000V

Part No. 6547HV

- Precise Jaw for wire work
- Cross hatch jaws for positive grip

Bolt cutters - Power Pivot

Bolt Cutters - Crescent

- High-leverage jaws with shear-cut blades
- PowerPivot™ Technology



Part No.	Length (mm)	Tool Wt (kg)
0090MCP	460	2.2
0190MCP	600	2.5

See Insulated Tool section for 1000V Insulated Bolt Cutter

Various Line-worker Tools

Adjustable Wrenches - Shifter

Part No. AC2-Series

- Wide capacity jaw allows each tool to work with more fastener sizes
- Tension spring stabilises jaw and knurl adjusts easily
- Wider handle on sizes provides more comfort & less stress on the hand
- Alloy steel and heat treated and plated finish resists rust and corrosion

Part No.	AC26VS	AC28VS	AC210VS	AC212VS	AC215VS	AC218VS
Size (mm)	150	200	250	300	380	460
Size (Inches)	6	8	10	12	15	18

Line Tap Spanners

Part No. HLTS Series

- Designed for tightening Brass Line Taps or Split Bolt Clamps



Part No.	Description	Weight (kg)
HLTS-5	*Spanner for brass Line Taps & IPC's (5 way)	0.25
HLTS-2	**Spanner for brass Line Taps & IPC's (2 way)	0.15
HLTS-6	Grips Line Tap Spanner Base (6 way)	0.20

* Suitable for B22, B24, B25, B26 & B28

** Suitable for B26 & B28

Hand Crimping Tools for tubular lugs

Part No. HRC-0506C

- Ratchet hand Crimpers
- Capacity 0.5mm² to 6mm² - RED/YELLOW/BLUE
- 230mm Long

Hand Crimping Tools for tubular lugs

Part No. Various

- With revolving dies
- Simple and safe: Exact cross-section assignment thanks to permanent marking on the dies

Part No.	Description	Length (mm)	Weight (kg)
HX-50N	Hex Hand Crimping tool 6 - 50 mm ²	390	1.3
HX-120N	Hex Hand Crimping tool 6 - 120 mm ²	627	3.6

Hand Ratchet Crimper - 14mm OD

Part No. MP-10-SIMPI

- 9mm "W" captive die, for pre-insulated service sleeves

Ruler - 1m 4-Fold

Part No. LFSS1

- Sturdy folding rules available with Square Edge.
- Clear metric & imperial markings



ABC Tools & Test Kit

Wedge Separation Tool ABC 4 x 95mm²

Part No. ST-31

- Core separation wedge
- Suitable for LVABC up to and including 4 x 95mm²
- Supplied with interconnecting rope

Core Separation Wedge ABC 4 x 95mm²

Part No. PMR87

- Core separation wedge
- Suitable for LVABC up to and including 4 x 95mm²
- Hex nut style head suits the 2 way IPC ratchet wrench for turning
- Sold individually

Insulated Cable Test Point

Part No. PP1514

- Re-usable insulated cable test point
- Suitable for cable ranges up to 150mm²
- Sold individually

LV/ABC Tool & Test Kit

Part No. TENK013

Part No.	Description	Quantity
PP1514	Insulated Cable test point	4
RRP1317-6LH	Ratchet Podger Wrench 13 & 17mm	1
ST-31	Core Separation Tool - Corded	1pr
PMR87	Wedge Separators	2
TENM514	ABC Kit Storage Bag	1



RRP1317-6LH

PP1514

PMR87

ST-31

Polywater®
Solutions at work.



HTC-D72

**IDEAL for
cleaning dirt
& grime from
your hand
tools**

Cleaning Wipes - GrimeAway Multi Purpose

Part No. HTC-Series

Tough on Dirt, but Field Friendly

Polywater® Grime-Away™ quickly and effectively removes hydraulic fluids, silicone greases, and adhesives from transformers, vehicles, heavy machinery, tools, and hands for a clean and safe working environment. Its unique water-based formulation is especially safe on skin, unlike most other tool and hand cleaners. Grime-Away is available in a multiple-use, 72-count canister or individual wipes that store easily in tool pouches or lineman bags.

Part No.	Description	Pack
HTC-D72	Dispenser with 72 Pre-moistened wipes *	72 Wipes

*Not suitable for Rubber Goods



Adaptor - 7/16" Hex to 1/2" Square Drive

Part No. TEN-716-12

- 7/16" hex shaft adaptor for 1/2" square drive sockets
- Convert your 7/16" utility impact wrench to a 1/2" drive for your impact sockets
- Designed for high torque Impact wrenches
- Superior wear resistance and durability for utility grade use
- Made from high strength, shock proof steel

Chuck, Quick Change 7/16" Female to 1/2" Female

Part No. 2403

- Super Heavy Duty 7/16" (1/2" Square Drive) Quick-Change Chuck.
- Three ball bearing system to firmly secure you auger bits and adapters.
- Designed to be used with high torque 1/2" square drive impact wrenches.



Special Drive Sockets

"J" Hook Driver - Slot Socket PLUS

Part No. SS-2



Multi-Use Eye Bolt Type Clamp and Wing Nut Applications



Suits
Off-Set &
Centred
J-Hooks

Features

- High Visibility ID Band
- Impact Rated
- Improved Fit on Large J Hooks (Off-Set & Centre)
- Earthing Clamps
- Hot Line Clamps
- Cross-Arm Hardware
- Stringing Block
- Temporary Arm Insulators

D-Bolt Socket - 450mm Long

Part No. TENA517

- Use with cordless drills

Part No.	Description	Length (mm)	Weight (kg)
TENA517	Socket for Pillar Box D-Bolts	450	0.50

1/2" Drive Socket Sets

Deep Impact Socket Set - 26 & 29 Piece Kits

Part No. 658272601 - 26 Piece 1/2" Drive, 12-Point Deep Impact Socket Set

Includes: 10 to 36mm (excluding 31mm) stored in a Blow Mould Case.

Part No. 84935N - 29 Piece 1/2" Drive, 6-Point Deep Impact Socket Set

Includes: 8 to 36mm stored in a Blow Mould Case.

Part No.	Description	Type
658272601	26 piece Socket Set - Deep Impact	12 Point
84935N	29 piece Socket Set - Deep Impact	6 Point





Extra Deep Tube Socket Set - 7 Piece Kit

Part No. 605290701

7 Piece ½" Drive, 6-Point "TUBE" Deep Impact Socket Set

Includes: 19, 21, 24, 27, 30, 32 and 36mm @ 250mm Long stored in a Blow Mould Case

Part No.	Size (mm)	D2 (mm)	D1 (mm)	L2 (mm)	L (mm)	Hole Clearance (d)
60529018	18	28	28	13	250	14
60529019	19*	28	28	13	250	14
60529021	21*	28	31	13	250	16
60529024	24*	28	35	15	250	18
60529027	27*	32	38.5	17	250	22
60529030	30*	32	42	17	250	22
60529032	32*	34	44	19	250	24
60529036	36*	36	49	19	250	26

* Sizes included in set



METRINCH



The Metrinch 6 wall drive system means that one tool set is all you need to service your equipment, whether it's made in Germany, the USA or Australia.

Unique 6 Wall Drive System
This 15 Piece socket set equals a 42 piece conventional set

METRINCH Socket Set - 15 Piece Kit

Part No. MET-2450

Get More Use Out of Fewer Tools

Metrinch means fewer tools and easier selection as each tool can be used for both metric and inch, plus damaged nuts and bolts. This eliminates switching back and forth from imperial to metric.

Unique Patented Design

The 4-point grip design enables Metrinch sockets and spanners to fit multiple sizes and damaged or rounded nuts.

More Torque, Less Wear

By exerting pressure through the walls, Metrinch grips more securely than conventional sockets.

Non Slip Hold

No more cut hands, banged up knuckles and elbows due to wrench slippage.

Quality

All Metrinch tools are forged from high grade chrome vanadium steel for lifetime use.



Individual sizes available

Fit	½" Drive	
Metric (mm)	30	32
SAE/AF (Inch)	1 ⅜	1 ¼
Length (mm)	86	

* All sizes available individually

Included sizes in Socket Set*

Fit	½" Drive							
Metric (mm)	11	12	13	14	15	16	17	18
SAE/AF (Inch)	7/16	15/32	1/2	9/16	19/32	5/8	11/16	23/32
Length (mm)	80							

Fit	½" Drive							
Metric (mm)	19	20	21	22	23	24	25	
SAE/AF (Inch)	¾	25/32	13/16	7/8	29/32	15/16	1	
Length (mm)	80				86			



BAND-IT® 201 Stainless Steel band



Ear-Lokt Buckle



Band-it Tool 001



Ball-Lokt Stainless Steel Tie



Ball-Lokt Tie Tool

Banding System - Stainless Steel

BAND-IT® Banding System

Part No. Various

BAND-IT® 201 Stainless Steel Bands

The BAND-IT® type 201 Stainless steel non-magnetic band is the preferred option in all general use banding applications, offering high tensile strength and good resistance to oxidation and weathering. Available in a variety of widths and thicknesses.

In addition, EASYSCALE – imprinted measurements on the band, help determine band length and eliminate costly waste. Packaged in a standard box or a durable plastic tote for easy dispensing.

Part No.	Width (mm)	Thickness (mm)	Weight per roll (kg)
BAND-IT® S-Steel band (30.5m Roll)			
C202	6.35	0.51	0.9
C203	9.53	0.64	1.5
C204	12.70	0.76	2.4
C205	15.88	0.76	3.0
C206	19.05	0.76	3.6
BAND-IT® S-Steel Buckles (100 per pack)			
C252	6.35		0.1
C253	9.53		0.3
C254	12.70		0.8
C255	15.88		0.9
C256	19.05		1.5
Tool for BAND-IT® Band & Buckles			
001	6 - 20		2.0

Ball-Lokt™ Banding System

For applications ranging from identification tagging to bundling cables, Ball-Lokt™ Ties in 316 stainless steel, provide a longer life than nylon ties, especially in extreme climates.

Easy dispensing.

Self-locking design installation by hand or with the KS 652 tool, to assure uniform tension and clean tail cut-off for safe handling.

Ideal for conductor wire grip application

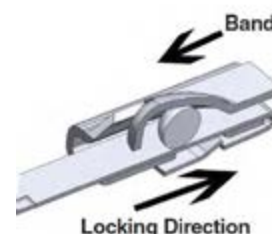
Part No.	Width (mm)	Length (mm)	Weight per pack (kg)
Ball-Lokt™ S-Steel Ties (100 per pack)			
KT6U046-200	4.6	200	0.25
KT6U046-350	4.6	350	0.4
KT6U046-500	4.6	500	0.5
KT6U078-200*	7.8	200	0.5
KT6U078-350	7.8	350	0.75
KT6U078-500	7.8	500	0.9
Tool for Ball-Lokt™ Ties			
KS652-TOOL*	Tensioner & Cutter		0.6

*Banding Tool & Band-Lokt Ties for Wire Grip fitting

Self-Locking Application

1. As the stainless steel band is inserted into the buckle, the internal locking ball rolls freely

2. During tensioning, the band wedges onto the buckle locking tightly between the buckle and the band



Conductor Scratch & Cleaning Brushes

Scratch Brush - "Dog-bone and FlatRound" - Madi

- Designed to encourage linemen to brush with a more convenient and ergonomic design making it more convenient than ever before
- Replaceable brush inserts make a cost effective solution
- Suitable for use up to 45mm conductor
- Made from Non-conductive materials
- Minimise open neutrals and bad connections by brushing conductors properly

Part No. DBWB-1

- Dog-bone design, colour and marking for copper one end and aluminium the other

Part No. FRWB-1

- Designed for both flat and round connection such as palms
- Replaceable brush inserts suitable for both flat and round ends

Part No.	Description	Wt (kg)
DBWB-1	Dog-bone Scratch Brush (includes one set of inserts)	0.25
FRWB-1	Flat Round Scratch Brush (includes one set of inserts)	0.25
LWB-1	Replacement Wire Brush for DBWB-1 / FRWB-1	0.1

Scratch Brush and Safety Knife - Madi

Part No. BB-2S

- Integrated wire brush for cleaning conductors to make better connections
- Replaceable brush inserts make a cost effective solution
- Suitable for use up to 25mm conductor
- Blunt Tipped fold-away blade for added safety
- Stainless steel blade for maximum durability and sharpness

Part No.	Description	Wt (kg)
BB-2S	Fold-away Safety Knife and Round Scratch Brush	0.23
WB-1	Replacement Wire Brush for BB-2S	0.1

Conductor Scratch Brushes

Part No. SB-3 & SB-4

- Used for preparing the surface of conductor prior to applying a connector/splice
- Tough stainless steel bristles resist rust
- Copper or aluminium available - use only on specified conductor to prevent cross contamination

Part No.	Colour	Conductor Type	Wt (kg)
SB-3	White	Aluminium	0.1
SB-4	Black	Copper	0.1

Stick Scratch Brushes - Hastings

Part No. Various

Replaceable
Brushes
(10-179)



Part No.	10-178	10-180	10-179
Description	Complete "V" Brush unit with Handle for Gloved Hands, Shotgun Ring, Replaceable Brushes (10-179)	Complete "V" Brush unit with Universal Head Attachment, Replaceable Brushes	Pack of 10 Replacement Brushes
Material	Thermoplastic Handle & S/S Bristles	Al Alloy Body & Stainless Steel Bristles	Stainless Steel Bristles



Unique Quick Connect Adapter

For fast bushing changes.

Part No. 40110

SCAN or CLICK to see the stripper in action



2x2 Body w/ bushings



4x4 Body w/ bushings



Cable Preparation Tools

Drill Driven Cable Stripper - Utility Tool

Part No. WS68-3-8

Power Driven Cable End Stripper

The Utility Tool LV Cable Strippers are a fast, safe and economical stripping tool with interchangeable square cut bushings for a wide range of common Australian LV cables. Easily setup with your chosen bushing, the tool can be quickly attached to your cordless driver for effortless cable stripping.

Benefits

- Increases safety by eliminating use of traditional knives, reducing the risk of cuts or lacerations
- Easily attaches to power drill for safe & efficient cable stripping
- Adjustable strip lengths from 15.9mm to 63.6mm
- Increases splice & union reliability with accurate strips every time
- Use with bushings specifically designed to suit 16-150mm² Australian conductor
- For Low Voltage Applications
- Evenly Strips Insulation
- The optional WS68 Snaps patent-pending Quick Connect Adapter makes changing bushings faster & more efficient - even with gloves only

Unique Australian Bushing Part No's



Part No.	Square Cut Bushings
	LV ABC
RB-100	10mm ² Al XLPE OH
RB-101	16mm ² Al XLPE OH
RB-200	25mm ² Al XLPE OH
RB-201	35mm ² Al XLPE OH
RB-300	50mm ² Al XLPE OH
RB-301	70mm ² Al XLPE OH
RB-400	95mm ² Al XLPE OH
RB-401	120mm ² Al XLPE OH
RB-500	150mm ² Al XLPE OH
Part No.	Underground
RB-102	16mm ² Cu XLPE/PVC LV UG (Olex)
RB-202	35mm ² Cu XLPE/PVC LV UG (Olex)
RB-302	50mm ² Cu XLPE/PVC LV UG (Olex)
CB6667	Bushing spare blade

Contact TEN for information on the full range of available bushings

2 and 4 Way Cable Stripper - LV ABC - Utility Tool

The Utility Tool LV Cable Strippers are a fast, safe and economical stripping tool with interchangeable square cut bushings for a wide range of common Australian LV cables. Available in a 2 bushing body or 4 bushing body, these are easily setup with your go to bushings.

- Safer than ripping tools/strippers with a guarded cutting blade
- Fast and simple to use
- Precise stripping with no conductor damage
- Suitable for XLPE, PVC and EPR insulations
- Commonly used for ABC and SDI cables
- Made in the USA

See above table for available Bushings

Part No.	Description
36101H	Stripper, cable, body only, 2x2, includes allen keys, Ripley
36001H	Stripper, cable, body only, 4x4, includes allen keys, Ripley
40110	Adapter, snap on to suit 2x2 and 4x4 strippers for quick bushing change, Ripley

ABC Strippers

Part No. ABC-STRIPPER

- Removes tough insulation from low voltage aerial cables

Part No.	For	Suits Cable (mm ²)	Spare Blade #	Wt (kg)
ABC-STRIPPER-95	ABC	95	ABC-STRIPPER-B	0.1
ABC-STRIPPER-150	ABC	150	ABC-STRIPPER-B	0.1



Outer Sheath Stripper - Ratcheting - Ripley

Part No. US14-7000

Ratcheting outer sheath cable splitter removes the outer sheath from HV and LV cables. The US14 easily performs ring cuts and slit mid-spans on ducts and heavy-duty cables.

- Equipped with safe, recessed blade to prevent potential injury & blade damage
- Compatible with high fiber count fiber optic cables
- Micro-adjustable blade depth adjusts up to (5 mm) to avoid underlying cable damage



Part No.	Description	Min Cable	Spare Blade #	Wt (g)
US14-7000	Ratcheting Slitter	25	US14-7500	180

Outer Sheath Ripper Stripper

Part No. HRIPS

- For safe removal of outer sheaths
- Reversible blade has blunt mushroom head which stops damage to inner core

Part No.	Suits Cable	Spare Blade #	Wt (kg)
HRIPS	LV & HV	HRIPS-B	0.2

Outer Sheath Stripping Tool

- Adjustable cutting-depth by thumb wheel
- Circular and longitudinal cutting
- Replacement blade in the handle

Part No.	Strip Range (mm)
R3840	8 to 28
AM2	25 to 36

Outer Sheath Stripper

Part No. IBST50400

- Used for removal of core insulation
- Removes insulation up to 5.5mm
- Cable range from 12 - 38mm (50 - 400mm²)
- Long life blade - Spare Blade Part No. IBST5024B



Spare Blade
Part No. IBST5024B

Cable Sheath & Insulation Stripper

Part No. 1542-2CL-1

- Tool with Wedge Blade installed, spare straight blade
- 45mm max cable diameter
- Precise blade depth adjustment to 12mm
- Removes PE, XLPE, EPR and other insulation types from HV power cable
- Spare Blade Part No. 1562





SCAN or CLICK for more information

Perfect for Mid-Span & End Stripping on CCT, Hendrix, Spacer Wire & Tree Wire Cables



Removable Handle



SCAN or CLICK for more information

Quickly adjusts and clamps on to cable diameters from 7.6mm to 35mm



SCAN or CLICK for more information



Adjustable Outer Sheath and Insulation Stripper

Part No. US01-7000

The industry's most versatile, reliable and accurate adjustable tool for mid-span and end stripping on HV and LV utility cables.



Features

- Easily strip mid-span double insulations in one go for direct connection via PG or Wedge Style connector, or strip outer sheath only for insulated piercing connectors (IPC's)
- Eliminates the need for traditional stripping knives, reducing the risk of cuts or lacerations
- Heavy duty tool easily removes jacket & various types of insulation materials
- Patent-pending, self-aligning design maintains optimum blade position to produce precise cuts for reliable splices & connections
- Well-balanced tool has low friction parts & ergonomic handles to reduce effort & potential strain from repetitive stripping functions
- Spare blades also available: (US01-7500)

Compatibility

Cable Type		HV and LV Utility Cables
Cable Size (mm)		12.7 to 63.5
Compatible Materials	Jacket	URD, PE, PVC, Copper Tape Shield, LC Shield, Flat Strap
	Insulation	XLPE, PE, EPR
Cable Access		Mid Span & End Strip
Blade Adjustability	Angle	Yes
	Depth (mm)	Yes (1.5 to 10.6)
Removable Handles		Yes

Adjustable Outer Sheath and Insulation Stripper

Part No. US07-7000

US07 Adjustable Cable Stripper that quickly and easily end strips or midspan strips cable insulation with no conductor damage on 7.6mm to 35mm OD cables. The tool utilizes a size adjustment clamping system to swiftly adjust and lock onto the insulation.

Features

- Equipped with safe, recessed blade to prevent potential injury & blade damage
- Easily adjusts with detent actuated knob & fine adjustment knob to match
- Insulation thickness for fast stripping without conductor damage
- Durable bronze bushings provides longevity
- Spare blades also available: (US07-7500)



Compatibility

Cable Type		HV and LV Utility Cables
Cable Size (mm)		7.6 to 35
Materials Jacket		URD, PE, PVC
Cable Access		Mid Span & End Strip
Blade Depth (mm)		Adjustable (1.15 to 3.2)

Outer Sheath & Insulation Strippers

- Large knobs for opening/closing jaws and offsetting tool
- Locknut on opening/closing knob for maintaining position
- Blade direction lever and knurled cutting depth knob
- Directional markings on body
- Stainless steel and aluminium alloy construction

Part No.	Cable OD	Cutting Depth	Suits Jackets	Retract Stop	Spare Blade
POLY	7 - 33mm	12mm	All (XLPE/EPR/PVC/PE)	20-110mm	LAME-POLY-L



Plier Style Outer Sheath Strippers

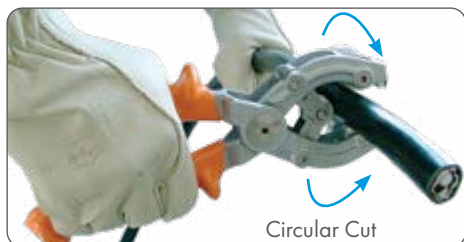
Plier type Sheath strippers, for circular & longitudinal cutting with end ripping claw blades

- 1000V Insulated and Non-insulated models available
- Plier type strippers, circular/longitudinal cut with end ripping blade
- Replaceable cutting blades (available in kits)
- 3 or 4 x Circular cutting blades, 1 x Lengthwise cutting blade and 2 x Claw blades
- Ideal for stripping Sector or deformed cable
- Lead Sheath stripper available

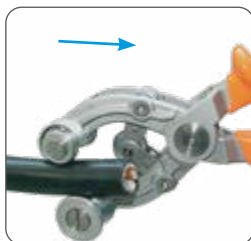


PAD2826

Replaceable Cutting Wheels & Claw Blades
SCAN or CLICK QR-Code for ordering guide



Circular Cut



Longitudinal Cut



Stripping of Sheath



SCAN/CLICK for a copy of the PAD/PBT ordering Guide

Part No.	Insulated	Circular Cut Depth (mm)	Lengthwise Cut Depth (mm)	Capacity (mm)	Wt (kg)
PAD12-16A	No	1.2	1.6	10-45 OD	0.75
PAD16-20A	No	1.6	2	10-45 OD	0.75
PAD30-30A	No	3	3	10-45 OD	0.77
PAD32-34A	No	3.2	3.4	10-45 OD	0.77
PAD40-40A	No	4	4	10-45 OD	0.77
PBT IS 12 16 A	1000V	1.2	1.6	10-45OD	0.6
PBT30-30A	1000V	3	3	10-45 OD	1.3
PBT40-40A	1000V	4	4	10-45 OD	1.3
PBT20-20B	1000V	2	2	20-54 OD	1.3

Other sizes and blade combinations available



PBT (B)

PBT Model
Insulated 1000V EN60-900



PAD (A)

PAD Model
Non-insulated model, black sheathed



PBT IS (A)

PBT IS Model
Fully Insulated 1000V EN60-900



SCAN or CLICK for more information



POLY-SCNP

Semi-Con, Outer Sheath and Insulation Stripper

Part No. POLY Series

Strips Semi-Con, Outer Sheath and Insulation with one tool

- 3 Strippers in one
- 25mm² to 630mm² Capacity
- Suitable for a wide range of material e.g. (XLPE/EPR)
- 12mm Cutting Depth

Part No.	Semi-Con Type	Cable Dia (mm)	Cutting Depth (mm)	Replace Blade (Sheath & Ins)	Replace Blade (Semi-Con)
POLY-SCNP	Non-Peelable	7 to 33	0 to 12	LAME-POLY-L	LAME-OUT-SCNP
POLY-SCP	Peelable			LAME-POLY-L	LAME-OUT-SCP-CH



POLY-SCP



SCAN or CLICK for more information



Chamfer Tool - Insulation

Part No. US-10 Series

Insulation Chamfering Tool utilizes a size adjustment clamping system to quickly and easily adjust and lock onto the insulation.

- Performs a angle bevels with a factory-set chamfer depth of 1.9 mm
- Adjustable from 0 mm to 3.81 mm
- Equipped with safe, recessed blade to prevent potential injury & blade damage

SCAN or
CLICK for
more
information



Part No.	Tool Type/ Application	Cable Insulation Capacity (mm)	Replacement Blade
US10-7000	30° Bevel Edger	14 - 60	US10-7500
US10-7001	45° Bevel Edger	14 - 60	US10-7501

Chamfer Tool - Insulation

Part No. CHANFREIN-DT

- Chamfers a 30° angle bevelled edge on the insulation
- Hard Aluminium Clamps
- Stainless Steel fittings



Part No.	Tool Type/ Application	Cable Capacity (mm)	Replacement Blade
CHANFREIN-DT	30° Bevel Edger	9 - 33	LAME-CHANFREIN-DT



UtilityTool®
A RIPLEY® BRAND

Paper Lead Setting / Stripping Pliers

Part No. SP-1355

- Stripping or Setting Pliers for paper lead cable
- Capacity 13 to 55mm
- 210mm long



Semi-Con Scorer - Peelable

Part No. SCS

Compact & user-friendly tool scores semi-con on HV cables without damaging the insulation

- Eliminates the need for traditional stripping knives, reducing the risk of cuts or lacerations
- Performs longitudinal & spiral cuts on cable diameters ranging from 8 to 51 mm
- Precise & easily adjustable blade depths from 0 to 4 mm in increments of 0.05 mm
- Adjustable blade pitch accommodates various cable diameters

Part No.	Cable Dia (mm)	Blade Depth (mm)	Replacement Blade
SCS	8 to 51	0 to 4	43645



Semi-Con Scorer - Peelable

Part No. BC-UTT23521 / 2

- Scores Semi Conductive Screen on HV cables
- Screen simply peels away
- Choose blade depth

Part No.	Depth of scoring (mm)
BC-UTT23521	0.4
BC-UTT23522	0.6



Safety Knives

Safety Knife -TEN

Part No. KN3920

- Safety Blade with Protective sheath
- Ergonomic Design with Over Molded blade
- Finger Guard for Maximum Safety
- Easily replace blade in-field
- 1000V Insulated

Part No.	Description	Replacement Blade	Wt (kg)
KN3920	1000V Insulated Fixed Blade safety knife	BLADE-KN3920	0.1

See page H25 for more 1000V Insulated Knives

One Flip Safety Knife - Madi

Part No. PTOLK-3B

- High grade Stainless-Steel Blunted Tip Blade
- Blade Locks Open and Closed
- Push button to open & close – Enables quick one-handed operation with gloves on
- Reversible Belt Clip



LOCKBACK Blunted Tip Knife - Madi

Part No. LB-3B

- High grade Stainless-Steel Blunt Tip Blade
- Blade Locks Open
- Push Thumb Stud To Open & Push LOCKBACK To Close – Enables Quick One-Handed Opening and Secure Closing with Gloves On
- Reversible Belt Clip



Fixed Blunted Blade Skinning Knife - Madi

Part No. FBSK-3B

- High grade Stainless-Steel Blunted Angled Blade Design for Maximum Sharpness
- Blade and Snap Ring are Molded for Superior Strength with Nonconductive Material
- Ergonomic Design with Over Mold for Secure Grip
- Finger Guard for Maximum Safety
- Supplied with a Protective Sheath

Safety Knife and Scratch Brush - Madi

Part No. BB-2S

- Integrated wire brush for cleaning conductors to make better connections
- Replaceable brush inserts make a cost effective solution
- Suitable for use up to 25mm conductor
- Blunt Tipped fold-away blade for added safety
- Stainless steel blade for maximum durability and sharpness

Part No.	Description	Replacement Brush	Wt (kg)
BB-2S	Fold-away Safety Knife & Round Scratch Brush	WB-1	0.23

Cable Skinning Knife - Klein

Part No. 1570-3

- 75mm Hook Blade
- Notched Blade for scraping

Safety "V" Style Knife

Part No. KNIFE082

- Twin Blade with Blade cover
- Strong Durable high impact body
- Unique design prevents injury

**Suitable for Pole Top
Rescue Kits**



KN3920



PTOLK-3B

Push Button



LB-3B

Push Release



FBSK-3B



BB-2S



Aluminium Trimmer for ACSR - TEN

The Trimmer quickly and accurately removes the aluminium stranding from around the steel core of ACSR conductors in preparation for crimping the steel inner strand.

Features

- Made of an aluminium alloy
- Lightweight and durable
- Operates like a Tube Cutter
- Carry Case stores 11 bushings
- Standard Bushing sizes available (Sold separately)
- Bushings can be made to suit a wide range of ACSR conductors



Bushing Holder



Bushing

Part No.	Kit Contains	Bushings to suit Conductor/Part No.	Replacement Cutting Wheel #
PSC-1	Tool, bushing holder, 1 x extra cutting wheel, and a plastic case that holds up to 11 bushings.	Cherry Grape Lemon Lychee Lime Mango Orange Olive Pawpaw	TE54270
TE****	Bushing for use with PSC-1, *conductor to be specified		-

*Other size bushings available on request

PSC-2 Trimmer and Bushings available for larger size ACSR conductors
Please contact TEN for further information

Conductor Diameter Gauges

Conductor Diameter Sliding Gauge - TEN

Part No. CG-430-AU

HDPE slide gauge quickly & easily identify conductor OD

**Reduce Incorrect
Conductor
Identification**

- Designed for Australian AL, CU & ACSR conductors
- Measure Live Conductors
- For conductors 4.0 - 30mm Ø
- Fits universal sunrise fitting

Part No.	Dimensions (mm)	Weight (kg)
CG-430-AU	104 (W) x 287 (L) x 10 (D)	0.26



Conductor Diameter Gauge - AL, CU & ACSR - TEN

Part No. CG-EQL Series

Quickly & easily identify common overhead electrical distribution conductor or wire sizes in AL, CU & ACSR. Markings include conductor name, stranding and overall diameter.

- Hole in base for use with a shotgun stick and hanging storage
- Imperial and metric sizes included
- Precision machined from lightweight aluminium alloy



Part No.	Conductor Range	Dimensions (mm)	Wt (g)
CG-EQL-ALCU	Copper 7/.064 – 4.87mm to 19/2.75 – 13.8mm Aluminium Locust – 7/.093 – 7.08mm to Taurus – 19/4.75 – 23.80mm	257 (W) x 91 (L) x 14 (D)	750
CG-EQL-ACSR	ACSR Quince – 5.25mm to Wolf – 18.13mm	209 (W) x 91 (L) x 14 (D)	650

Temporary Earth Stakes - TEN

Hand drive the Earth stake for temporary earthing applications.

Features

- Slide hammer drive
- T-Handle lock screw secures sliding shaft for safety, transport and storage (TENW001)
- Non-slip rubber hand grips (TENW001)
- 16mm Stainless steel rod
- Heavy duty top bash cap
- Chiseled tip for easy driving
- Drive rod at a safe working height, minimise risk of back injury
- No pinch points - internal hammer design
- 730mm to attachment point

Earth attachment



Earth clamp attachment



Part No.	Length OAL Extended/Retracted (mm)	Attachment Point (mm)	Rod OD (mm)	Wt (kg)
TENW001	1820 / 1340	730	16	6
TENW008				5



Earth Rod Drivers - iTOOLco

Part No. Various

Safely drive 9.5mm, 12.7mm, 14mm, 16mm and 19mm Earth rods into the ground in under a minute with iTOOLco's Ground Rod Dawg™. Once the rod is driven down far enough the tool can be used to hammer from top to finish the driving.

Features

- Hardened tool steel construction for long life
- Multiple size rods can be driven
- SDS Max driver bit for positive connection and secure driving of rods



Drive the rod down to a comfortable height



Then complete the driving by hammering from the top

Part No.	Description	Earth Rod Size (mm)	Driver shaft
GRD01	Earth Rod Driver	12.7 to 19	SDS Max
GRDXL34		19	Demo Hammer
GRDXL01		25	



QUALITY INSULATED HAND TOOLS

Derancourt hand tools are manufactured for working near live parts or potentially live parts with ratings up to 1000VAC and 1500VDC.

PUT SAFETY IN YOUR HANDS

Derancourt is a world class manufacturer of quality electrician and power utility worker 1000V Insulated Hand Tools. Stringent manufacturing standards, quality assurance and extensive testing ensures the highest level of quality – translating to better safety outcomes.

Derancourt tools are manufactured in accordance with IEC/EN60900 and undergo rigorous testing to ensure full compliance to these standards. Every Derancourt tool is inspected and are batch identified for easy traceability, so you can be sure your using the safest tool for the job at hand.



Insulated hand tools are classified into three categories:

Insulated Hand Tools: Hand tools made of conductive material(s) fully or partially covered by insulating material.

Insulating Hand Tools: Hand tools made totally or essentially from insulating material(s) except for inserts made from conductive materials used for reinforcement, but with no exposed conductive point.

Hybrid Hand Tools: Hand tools made from insulating material(s) with exposed conductive parts at the working head (e-g cutting edges) (some non-exposed conductive part can be used for reinforcement).

This is an important distinction when risk assessing and implementing controls for electrical hazards in the work area.

Coating

The coatings of DERANCOURT insulated tools consists of two layers:

1. Rigid internal layer, white or red and highly dielectric.
2. Soft orange or red outer layer, protecting the inner layer from impacts and improving comfort during use.

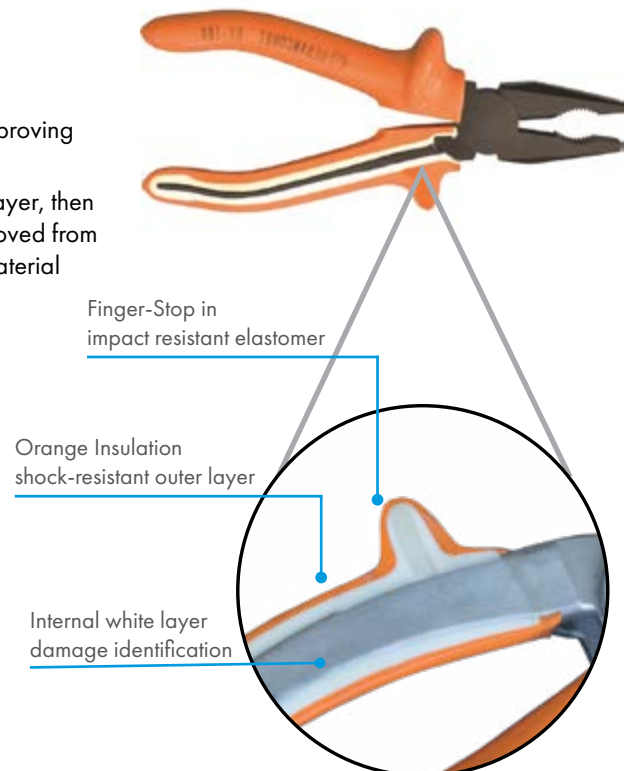
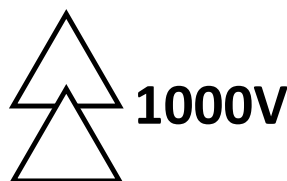
This also acts as a visual inspection. If the white or red can be seen under the top layer, then the tools electrical properties have been compromised and the tool should be removed from service. Smart design such as finger stops on the pliers made from an elastomer material reduces the effect of impacts and preserves the insulating coating

Quality Assurance and Testing

Hybrid, insulating and insulated hand tools must satisfy the tests of the IEC EN 60900 standard.

Derancourt extensively test their products to meet and exceed this standard

- Dimensional control
- Impact tests
- Dielectric test
- Penetration test
- Adherence test
- Flame non-propagation test
- Mechanical tests
- Marking resistance test



The extensive testing and quality manufacturing processes is the assurance you are safer with Derancourt.

1000V INSULATED HAND TOOLS - Derancourt

Multi-grip and Pliers

Multi-grip Pliers

Part No. Various

- Sected multi-grip pliers - double grooves
- Burnished finish

Part No.	Length (mm)	Opening (mm)	Wt (kg)
D301-310	310	42	0.7
D5	245	36	0.4

Long Nose Pliers - Fully Insulated

Part No. Various

- Long straight-nose half-round pliers
- Fully insulated pliers to limit any risk of short-circuits
- Straight serrated jaws, half-round
- Induction hardened, diagonal cutting edges

Part No.	Length (mm)	Wt (kg)
D22D-160I*	165	0.2
D22D-200I*	205	0.3

* Fully Insulated

Combination Pliers

Part No. Various

- Combination pliers fully insulated to jaws
- Fully insulated pliers to limit any risk of short-circuits
- Flat end grip with cutter jaw
- Rectangular gripping area, straight serration with tube grip
- Induction hardened, diagonal cutting edges

Part No.	Length (mm)	Wt (kg)
D1-180	185	0.3
D1-180I*	185	0.3
D1-200I*	205	0.4

* Fully Insulated

Cutters

Diagonal Cutters

Part No. D3-Series

- Electrician's diagonal cutting pliers
- Diagonal cutters for mild steel wire, cutting edge with axial cut
- Insulated & Fully Insulated

Part No.	Length (mm)	Wt (kg)
D3-180	185	0.4
D3-180I*	185	0.4

* Fully Insulated

Cable Cutters

Part No. D180-210

- Precision Cable Cutter

Part No.	Length (mm)	Wt (kg)
D180-210	210	0.4

Part No. D18-220

- High Strength Cable Cutter
- Max 20mm CU/AL

Part No.	Length (mm)	Wt (kg)
D18-220	220	0.4



KT471



KT501



Ratchet Cutters

ACSR, AL and CU

Part No. K Series

Part No.	Jaw	Length (mm)	Cuts		Wt (kg)
			ACSR (mm)	AL/CU (mm)	
KT471	Closed	265	-	45	0.8
KT501	Closed	230	17 (11 mm Steel)	22	1.3
KTF361	Open	320	-	36	1.3

KTF361



Parrot Beak Cutters - Large

AL, CU and Steel

Part No. C Series

Part No.	Length (mm)	Cuts OD (mm)	Wt (kg)
C16	660	Cu/Al 20, Soft St 16, Hard St 10	2.8
C600	600	Cu/Al 35	2.1

C16



C600



Bolt Cutters

Part No. D60 Series

- Efficient and easy to handle

Part No.	Length (mm)	Steel Cutting Capacity (mm)	Wt (kg)
D60N0	480	8 Dia. (60kg/ mm ²) - 6 Dia. (140 kg/ mm ²)	1.9
D60N1	645	10 Dia. (60kg/ mm ²) - 8 Dia. (140 kg/ mm ²)	2.9
D60N2	770	13 Dia. (60kg/ mm ²) - 9 Dia. (140 kg/ mm ²)	4.6
D60N3	940	14 Dia. (60kg/ mm ²) - 10 Dia. (140 kg/ mm ²)	6.7

Klauke®

1000V Insulated Battery Powered Cutters - Klauke

ES20ISM



20mm Cutter

ESM25ISM



25mm Cutter

ES32ISM



32mm Cutter

ESM50ISM



50mm Cutter

Cuts
Cu, Al
& ACSR

Cuts
Cu & Al

Refer Hydraulic Section for more information on 1000V Insulated Battery Cutters



Knives & Hacksaw

Knives

- 1000V insulated - conforms to CEI 900 and NF EN 60900
- Treated steel blade
- Excellent cutting quality - stays sharp
- Guiding "V" for longitudinal cut
- Insulation with injected rigid insulating material
- Bi-material handle (for ease of use and good grip)



Part No. CL-IS

- Insulated Knife with Curved blade

Part No.	Includes	Length (mm)	Blade Length (mm)	Wt (kg)
CL-IS-E	Belt Pouch	168	42	0.85
CL-IS-C	Blade Cap	168	42	0.85

Part No. D1001-IS

- Insulated Knife with Curved blade and protective Blade Cap

Part No.	Length (mm)	Blade Length (mm)	Wt (kg)
D1001-IS-C	190	64	0.75

Part No. C1-IS

- Insulated Knife with straight blade and protective Blade Cap

Part No.	Length (mm)	Blade Length (mm)	Wt (kg)
C1-IS-C	182	56	0.75

Hacksaw

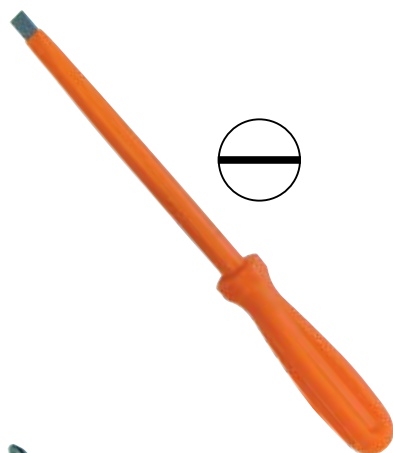
Part No. D72-IS

- Light frame made of reinforced insulating material.
- Ergonomic bi-material handle for optimal grip.
- Quick release device for the blade with retractable tensioner.
- Hand stop at the front of the mount.

Part No.	Length (mm)	Blade Length (mm)	Wt (kg)
D72-IS	440 (L) x 160 (H)	300	0.5

For 1000V Stripping Tools
Refer page H17





**Ergonomic, Soft Touch
Screwdrivers Available**



Screwdrivers

Flat Blade

Part No. Various

- 1000V insulated - conforms to CEI 900, NF EN 60900
- ISO 2380:D23/TB, ISO 8764:CRU
- Vanadium chrome steel

Part No.	Shaft Length (mm)	Width (mm)	Wt (kg)
TB-2.5X50B	50	2.5	0.20
TB-3.5X100	100	3.5	0.45
TB-4X100B	100	4.0	0.50
TB-5.5X150	150	5.5	0.90
TB-6.5X150	150	6.5	0.12
TB-8X150	150	8.0	0.16
TB-10X150	150	10	0.22
TB-12X200	200	12	0.35

Phillips Head

Part No. Various

Part No.	Shaft Length (mm)	Width (mm)	Wt (kg)
CRU-3X100	100	3	0.45
CRU-4X75	75	4	0.50
CRU-5X100	100	5	0.75
CRU-6X100	100	6	0.95
CRU-6X125	125	6	0.11
CRU-8X150	150	8	0.16
CRU-10X200	200	10	0.27



Shifters and Spanners

Shifters (Standard Insulated & Fully Insulated)

Part No. D19 Series

- 1000V insulated - conforms to CEI 900, NF EN 60900 & ISO 6787
- Invisible slip joint
- Chrome vanadium steel, easy jaw roller

Part No.	Type	Length (mm)	Opening (mm)	Wt (kg)
D19-110	Insulated	120	13	0.1
D19-150	Insulated	160	20	0.2
D19-200	Insulated	210	24	0.3
D19-250	Insulated	260	28	0.5
D19-300	Insulated	310	34	0.8
D19-375	Insulated	385	43	1.5
D19-200I*	Fully Insulated	215	27	0.5
D19-250I*	Fully Insulated	265	32	0.6
D19-300I*	Fully Insulated	315	36	1.0

* Fully Insulated



Offset Ring

Part No. D13 Series

- Single head. Made from forged steel, vanadium chrome steel.
- Easier to remove embedded nuts angled 12 point fine heads.
- Chamfer makes it easier to position



Part No.	Length (mm)	Size (mm)	Wt (kg)
D13-10	175	10	0.90
D13-11	175	11	0.95
D13-12	190	12	0.12
D13-13	190	13	0.13
D13-14	200	14	0.15
D13-15	200	15	0.15
D13-16	215	16	0.18
D13-17	215	17	0.19
D13-18	230	18	0.23
D13-19	230	19	0.23

Straight Ring

Part No. D12 Series

- Single Head 12 points



Part No.	Length (mm)	Size (mm)	Wt (kg)
D12-10	120	10	0.35
D12-11	120	11	0.40
D12-12	130	12	0.50
D12-13	130	13	0.60
D12-14	130	14	0.65
D12-15	130	15	0.70
D12-16	150	16	0.90
D12-17	150	17	0.11
D12-18	165	18	0.12
D12-19	170	19	0.14
D12-21	180	21	0.17

Straight Ratchet Ring Spanners (D70-Series) also available - Contact TEN for further information

Single Open Ended

Part No. D14 Series

- Single open-end wrench



Part No.	Length (mm)	Size (mm)	Wt (kg)
D14-10	110	10	0.35
D14-11	110	11	0.34
D14-12	125	12	0.50
D14-13	135	13	0.55
D14-14	145	14	0.70
D14-15	145	15	0.75
D14-16	155	16	0.10
D14-17	155	17	0.10
D14-18	160	18	0.14
D14-19	165	19	0.14
D14-21	180	21	0.20



CD8-60-12



CD8-60R-12
(Reversible)



Wrenches

Reversible Ratchet Wrenches - 1/2" & 3/8" Drive

Part No. C Series

- Equipped with a mechanical locking device to hold the socket in place
- Highly resistant insulating materials.
- Bi-material non-slip handle with "soft" touch for a good grip.
- Large button for reversing the direction of rotation.

Part No.	Length (mm)	Drive	Wt (kg)
C200IVM	213	3/8"	0.43
C250IVM	262	1/2"	0.63

Torque Wrenches - 1/2" Drive - 8-60Nm

Part No. CD8 Series

- For precision tightening
- Automatic release and reset
- Graduated adjustment
- 8-60Nm - Accuracy 4%
- Torque adjuster locked during use
- Supplied with serial number and verification certificate

Part No.	Length (mm)	Drive	Wt (kg)
CD8-60-12	310	1/2"	1.0
CD8-60R-12	310	1/2"	1.0

Torque Wrenches - 3/8" Drive - 4-20Nm

Part No. CD4-20

- Insulated torque wrench. 4-20 Nm.
- Graduated adjustment
- Torque adjuster locked during use
- Supplied with serial number and verification certificate

Part No.	Length (mm)	Drive	Wt (kg)
CD4-20	230	3/8"	0.9

Torque Wrenches - 3/8" Drive - 8-60Nm

Part No. CD8-60-3.8

- Insulated torque wrench. 8-60 Nm.
- Graduated adjustment
- Torque adjuster locked during use
- Supplied with serial number and verification certificate

Part No.	Length (mm)	Drive	Wt (kg)
CD8-60R-3.8	310	3/8"	1.0

T-Handle Wrench - 1/2" Drive

Part No. T250

- Accepts 1/2" Drive Sockets
- 3/8" also available

Part No.	Length (mm)	"T" Handle (mm)	Wt (kg)
T250	300	205 (L)	0.6



R250-250

R250-125

Socket Extensions

125mm & 250mm Long

Part No. C250 Series

- Vanadium chrome steel
- 1/2" square drive

Part No.	Length (mm)	Wt (kg)
R250-125	125	0.2
R250-250	250	0.4

Sockets 3/8" and 1/2" Drive

Part No. Various

Socket - 1/2" Drive - 12 Point

Part No.	Size (mm)	Length (mm)	Wt (kg)
D250-12P-8	8	55	0.60
D250-12P-10	10	55	0.60
D250-12P-11	11	55	0.60
D250-12P-13	13	55	0.65
D250-12P-16	16	55	0.75
D250-12P-17	17	55	0.80
D250-12P-18	18	60	0.90
D250-12P-19	19	60	0.90



D250 - 12 point



D250 - 6 point

Socket - 1/2" Drive - 6 Point

Part No.	Size (mm)	Length (mm)	Wt (kg)
D250-6P-13	13	55	0.65
D250-6P-16	16	55	0.75
D250-6P-17	17	55	0.80
D250-6P-18	18	59	0.85
D250-6P-19	19	60	0.90



DL250 - 12 point

Socket - 1/2" Drive - 12 Point Long

Part No.	Size (mm)	Length (mm)	Wt (kg)
DL250-12P-13	13	91	0.15
DL250-12P-16	16	91	0.17
DL250-12P-17	17	91	0.17
DL250-12P-18	18	91	0.18
DL250-12P-19	19	91	0.19

Other sizes available. Contact TEN for further information.

Also available



Sockets - 3/8" Drive - 6 and 12 Point

D200-6P/12P	DL200-6P/12P
3/8" insulated 6 & 12-point socket, From 7 to 24mm	3/8" insulated 6 & 12-point long socket From 7 to 24mm (91 mm Long)

Also available in 1/2" Square Drive - Contact TEN for further information



M200 & M250

Socket - Hex Head - M200 ($\frac{3}{8}$ ") & M250 ($\frac{1}{2}$ ")

Part No.	Size (mm)	Length (mm)	Wt (kg)
$\frac{3}{8}$ " Drive			
M200-4	4	OAL 60	0.11
M200-5	4	OAL 60	0.12
$\frac{1}{2}$ " Drive			
M250-4	4	15 Hex Length	0.075
M250-5	5		0.075
M250-6	6		0.080
M250-7	7		0.085
M250-8	8		0.085
M250-9	9		0.090
M250-10	10		0.095



Socket - Offset - 17 & 19mm

Part No. D11 Series

- Single head, hexagonal 12 points
- Made from forged vanadium chrome steel.
- Deep, resistant socket,
- Strong handle to allow for powerful tightening

Part No.	Length (mm)	Size (mm)	Wt (kg)
D11-17	185	17	0.29
D11-19	195	19	0.43



Socket - Fixed - T handle Wrench

Part No. D55Series

- Entire tube in the shape of a hexagon socket screw key
- Heat treated steel

Part No.	Length (mm)	Size (mm)	Wt (kg)
D55-13-300	300	13	0.43
D55-18-300	300	18	0.70
D55-19-300	300	19	0.75
D55-19-400	400	19	0.90
D55-20-400	400	20	0.13

Also available



Sockets - Radio and T-Handle

D21 - Radio Wrench	D15 - T-Handle Socket
Radio Wrench Heat treated steel Entire tube in the shape of a hexagonal socket screw key.	T-Handled socket wrench (short). Heat treated steel Entire tube in the shape of a hexagonal socket screw wrench.

Other sizes and styles available. Contact TEN for further information.



Allen Keys

Allen Keys - T-Handle

Part No. T62 Series

Part No.	Size (mm)	Length (mm)	Wt (kg)
T62-120-5	5	120	0.10
T62-175-3	3	175	0.17
T62-175-4	4	175	0.17
T62-175-5	5	175	0.05
T62-180-6	6	180	0.20
T62-95-4	4	95	0.10

Allen Keys - Curved, Connector & Screwdriver Handle

D62 - Curved Allen Key	D62DJEUI - Curved Allen Key set	D62C - Short Hex	CMD - Straight Allen Key
Curved Allen key Vanadium chrome steel OAL 120mm, handle 80mm	Kit of 8 Allen Keys on ring Sizes 1.5, 2, 2.5, 3, 4, 5, 6 & 8	Short hex connector Vanadium chrome steel	Vanadium chrome steel Screwdriver style handle

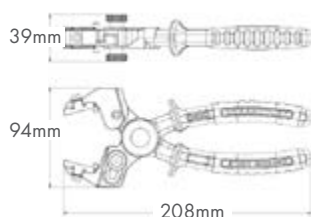
Contact TEN for available styles and sizes.

Fuse Extraction Tool

Part No. DA30IS

- For safe removal of Metal clad service fuses (handbag connections)
- High Mechanical Strength
- Size adjustable Jaws

Part No.	Length (mm)	Jaw Opening (mm)	Wt (kg)
DA30IS	300	20 to 94	0.18



Socket Sets, Tool Kits & storage solutions available. Contact TEN for more information.



