



0800 442 182



TOOL CATALOGUE

SECOND EDITION

QUALITY
COMMITMENT
RELIABILITY

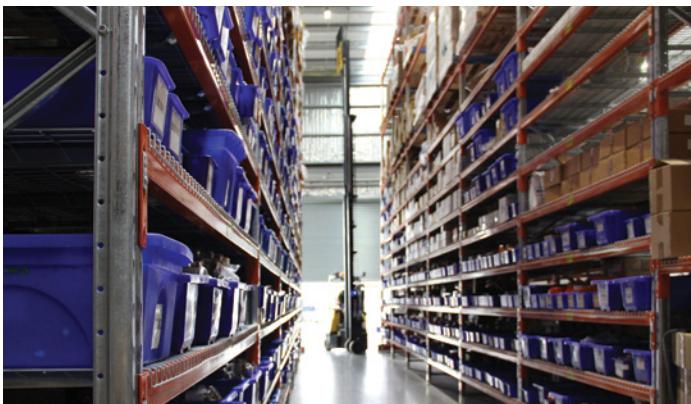
www.transnet.co.nz



TRANSNET NEW ZEALAND LIMITED

At TransNet we offer a large range of products to the Electrical Distribution, Transmission, Rail, OEM and Wholesale Industry. We have the expertise and knowledge to assist with equipment specification as well as providing hands on service and support in the field.

With four stocking distribution facilities in Australasia and 24 hour contact, TransNet is able to offer local support and fast delivery. Your partners in power, we here at TransNet, pride ourselves on the ability to react quickly to any situation and have product to you whenever and wherever you need it.



TRANSNET NEW ZEALAND LIMITED DISCLAIMER

TransNet NZ Limited has made every reasonable effort to ensure the accuracy of this information and it is, to the best of our knowledge, correct and reliable. Under no circumstances does this constitute an assurance of any particular quality or performance and users should independently evaluate the suitability of product for the desired application. All information in this publication including pricing,

drawings, illustrations, images and graphic designs are reflections of our current understanding. TransNet NZ Limited reserves the right to make any adjustment to this information at any time. Our liability for the products outlined in this catalogue is set forth in our standard terms and conditions of trade. In case of any potential ambiguities or questions, please contact us for clarification.

TRANSNET NEW ZEALAND LTD

AUCKLAND

78 Cryers Road
East Tamaki
Auckland
NEW ZEALAND

Ph 0800 442 182
Fax 0800 442 183
PO Box 39 383
Howick, Auckland

sales@transnet.co.nz

NEW ZEALAND

WELLINGTON

10 Petone Ave
Petone
Wellington
NEW ZEALAND

Ph 0800 442 182
Fax 0800 442 183
PO Box 39 383
Howick, Auckland

sales@transnet.co.nz

NEW ZEALAND

TRANSNET TONGA

TONGA

Lakalakaimonu Multi Utility Complex
Taufa'ahau Road, Poutaha
Nuku'alofa
TONGA

Ph +67 627 939
Fax +67 627 976
PO Box 2932
Nukualofa

transnet@kalianet.to

TONGA



www.transnet.co.nz



| | |
|-----|-----------------------------|
| 2 | INSULATED TOOLS |
| 26 | CABLE PREPARATION |
| 35 | STRIPPING & TENSIONING |
| 40 | CRIMPERS & DIES |
| 47 | CHROME PLIERS |
| 49 | SCREWDRIVER SETS |
| 50 | FILING & CUTTING |
| 52 | DIGGING & DEMOLITION |
| 55 | GAS SETS & ACCESSORIES |
| 58 | GENERAL HAND TOOLS |
| 65 | TEMPORARY LIGHTING |
| 68 | MEASURING & MARKING |
| 70 | POWER TOOLS |
| 88 | SOCKET SETS |
| 90 | TOOL STORAGE |
| 93 | WRENCHES |
| 98 | EARTHING & JUMPERS |
| 102 | OVERHEAD & LOAD LIFTING |
| 114 | LADDERS, TENTS, & UMBRELLAS |
| 117 | RESCUE KIT |
| 118 | TEST & MEASUREMENT |
| 138 | CATALOGUE INDEX |





KNIPEX 1000V VDE INSULATED TOOLS

There are over 130 years of experience in each and every KNIPEX plier produced. KNIPEX manufactures over 60,000 pairs a day in Wuppertal Germany and export to all corners of the world.

Each KNIPEX plier is designed and manufactured with a high degree of reliability and subjected to rigorous testing and

design. Using novel methods of power transmission, ergonomic design and fatigue free use, have made KNIPEX the largest plier maker world-wide with over 1300 plier options.



ISOTOOLS... ▶ und sicher !

ISOTOOLS 1000V VDE INSULATED TOOLS

ISOTOOLS pliers are made from special tool steel, forged and annealed. Cutting edges are induction hardened, for cutting hard and soft wire. Chrome plated head, for long life. High leverage, perfected cutting force. ISOTOOLS have a large selection of 1000V VDE tools which of course also have a

2-coloured-multilayer insulation with phthalate-free PVC handles. Made in Germany according to the latest IEC/EN60900.



haupa®

HAUPA 1000V VDE INSULATED TOOLS

Haupa pliers are made with Alloyed carbon steel, forged and annealed. Cutting edges are induction hardened, for cutting hard and soft wire. Chrome plated head for long life. High leverage, perfected cutting force. Pliers are finished with

a 2-component sheathed, non-slip comfort grip handle. 1000V VDE IEC 60900.





1000V VDE ADJUSTABLE WRENCHES

STANDARD 1000V VDE ADJUSTABLE WRENCH

All the 1000V VDE adjustable wrenches in this range have laser etched measuring scales for pre-adjustment and accurate measurements. To ensure the highest quality products, our Friedrich wrenches are made in Germany and the Irega are made in Spain.



FEATURES

- Made from a combination of special steel, hardened & tempered
- Finished with 2-layered security dipped insulation
- 1000V, IEC 60900
- Made in Germany

| Cat No. | Description | Jaw Opening |
|---------|-------------------------------|-------------|
| 762-150 | 6" - 200MM ADJUSTABLE WRENCH | 22MM |
| 762-200 | 8" - 200MM ADJUSTABLE WRENCH | 25MM |
| 762-250 | 10" - 250MM ADJUSTABLE WRENCH | 30MM |
| 762-300 | 12" - 300MM ADJUSTABLE WRENCH | 35MM |

IMPORTANT NOTICE:

NEVER TOUCH NON-INSULATED PARTS WHILE WORKING ON VOLTAGE INSTALLATIONS!

Adjustable wrenches with insulated handles cannot be standardised, given that the knurl that drives the opening/closing is not insulated.

SUPER WIDE OPENING JAW 1000V VDE ADJUSTABLE WRENCH

FEATURES

- Super-wide opening jaw with increment scales.
- Made from Chrome Vanadium Steel with a three layer insulation dipped handle
- 1000 V, IEC 60900
- Irega - made in Spain



IMPORTANT NOTICE:

NEVER TOUCH NON-INSULATED PARTS WHILE WORKING ON VOLTAGE INSTALLATIONS!

Adjustable wrenches with insulated handles cannot be standardised, given that the knurl that drives the opening/closing is not insulated.

| Cat No. | Description | Jaw Opening |
|--------------|-----------------------------|-------------|
| IG92SWOCP-08 | 8"- 200MM ADJUSTABLE WRENCH | 39MM |

FULLY INSULATED 1000V VDE ADJUSTABLE WRENCH

FEATURES

- Fully insulated adjustable wrench with jaw adjustment dial
- Made from alloy hardened steel
- Finished with 2-layered security dipped insulation
- 1000 V, IEC 60900
- Made in Germany



| Cat No. | Description | Jaw Opening |
|---------|---|-------------|
| 269148 | 8" - 200MM FULLY INSULATED ADJUSTABLE WRENCH | 29MM |
| 269162 | 10" - 250MM FULLY INSULATED ADJUSTABLE WRENCH | 34MM |



1000V VDE COMBINATION PLIERS

HIGH LEVERAGE COMBINATION PLIERS

These pliers feature fine scored jaws, nut grip, extra long cutting edges and large bearing close to the cutting edge providing 35% less effort to cut. Powerful ergonomic handle design.

FEATURES

- 1000V VDE dual component handles
- Chrome plated head



| Cat No. | Capacity | Length (mm) |
|-----------|--|-------------|
| KP0206200 | 13MM DIA, 25MM ² CU/AL. 2.2MM DIA HARD WIRE | 200 |
| KP0206225 | 14MM DIA, 25MM ² CU/AL. 2.5MM DIA HARD WIRE | 225 |

HIGH LEVERAGE COMBINATION PLIERS

FEATURES

- Extra long cutting edges for round cables
- Scored jaws, nut grip & cutting edge
- Suitable for hard & soft wire



| Cat No. | Description | Length (mm) |
|---------|-----------------------------|-------------|
| 100-160 | 1000V VDE PLIERS | 160 |
| 100-180 | 1000V VDE HEAVY DUTY PLIERS | 185 |
| 100-205 | 1000V VDE HEAVY DUTY PLIERS | 205 |

COMBINATION PLIERS

FEATURES

- Alloyed carbon steel
- Oil-hardened
- Cutting edges induction hardened
- Comfort grip
- Suitable for soft and hard wire



| Cat No. | Capacity | Length (mm) |
|---------|--|-------------|
| 211202 | 4.2MM DIA SOFT WIRE, 2.5MM DIA HARD WIRE | 200 |



1000V VDE LONG NOSE PLIERS

LONG NOSE PLIERS WITH CUTTER

FEATURES

- 1000V VDE dual component handles
- Chrome plated head
- Fine-scored jaws for pulling and twisting



| Cat No. | Capacity | Length (mm) |
|-----------|--------------------------------------|-------------|
| KP2506160 | 2.5MM DIA CU/AL. 1.6MM DIA HARD WIRE | 160 |
| KP2616200 | 3.2MM DIA CU/AL. 2.2MM DIA HARD WIRE | 200 |

6 IN 1 MULTITOOL

This electrician's or technician's multifunctional tool is a plier, cable shear, crimper, wire stripper, nut grip and more, featuring unique jaw design with a smooth section for delicate work and a scored jaw section for those jobs that require serrated gripping power. Includes handy nut and pipe grip. Tapered rectangular sectional jaws are ideal for looping, forming, bending, pulling, twisting etc.



FEATURES

- 1000V VDE dual component handles
- Chrome plated head

| Cat No. | Capacity | Length (mm) |
|-----------|--|-------------|
| KP1386200 | STRIPPING HOLES FOR 0.75, 1.5, AND 2.5MM ² , CRIMP DIES FOR END FERRULES 0.5 - 2.5MM ² , CABLE SHEAR 15MM DIA CU/AL ONLY | 200 |

LONG NOSE PLIERS

FEATURES

- Serrated jaws, nut grip & wire cutter



| Cat No. | Description | Length (mm) |
|---------|----------------------------|-------------|
| 104-200 | 1000V VDE LONG NOSE PLIERS | 200 |

LONG NOSE PLIERS

FEATURES

- Oil-hardened
- Cutting edges induction hardened
- Side cutter
- Suitable for soft and hard wire



| Cat No. | Description | Length (mm) |
|---------|--|-------------|
| 211208 | LONG NOSE PLIER WITH LONG SLENDER SERRATED JAW, NUT GRIP AND WIRE CUTTER | 200 |



1000V VDE COMPACT DIAGONAL CUTTING PLIERS

COMPACT HIGH LEVERAGE DIAGONAL CUTTING PLIERS

Box-joint plier with offset bearing provides 40% less effort to cut.

FEATURES

- 1000V VDE dual component handles
- Chrome plated head



| Cat No. | Capacity | Length (mm) |
|-----------|-------------------------------------|-------------|
| KP7306160 | 12MM DIA CU/AL. 2.2MM DIA HARD WIRE | 160 |

DIAGONAL CUTTING PLIERS



| Cat No. | Description | Length (mm) |
|---------|-----------------------------------|-------------|
| 112-180 | 1000V VDE DIAGONAL CUTTING PLIERS | 180 |

DIAGONAL CUTTING PLIERS

FEATURES

- High alloyed carbon steel
- Oil-hardened
- Cutting edges induction hardened
- Suitable for soft and hard wire



| Cat No. | Capacity | Length (mm) |
|---------|--|-------------|
| 211206 | 4.0MM DIA SOFT WIRE, 2.3MM DIA HARD WIRE | 185 |



1000V VDE HIGH LEVERAGE DIAGONAL CUTTING PLIERS

HIGH LEVERAGE DIAGONAL CUTTING PLIERS

FEATURES

- Integrated forged axle for heavy duty cutting
- Suitable for all types of wire including piano wire
- High cutting performance with minimum effort
- Precision cutting edges additionally induction-hardened
- Chrome vanadium heavy-duty steel, forged, multi stage oil-hardened



| Cat No. | Capacity | Length (mm) |
|-----------|--------------------------------------|-------------|
| KP7406180 | 3.8MM DIA CU/AL. 2.2MM DIA HARD WIRE | 180 |
| KP7406200 | 4.2MM DIA CU/AL. 2.5MM DIA HARD WIRE | 200 |

HIGH LEVERAGE DIAGONAL CUTTING PLIERS



| Cat No. | Description | Length (mm) |
|---------|-----------------------------------|-------------|
| 114-205 | 1000V VDE DIAGONAL CUTTING PLIERS | 205 |

HIGH LEVERAGE DIAGONAL CUTTING PLIERS

FEATURES

- Cutting edges induction hardened
- Chrome plated
- Sheathed handles
- Perfected cutting force performance



| Cat No. | Capacity | Length (mm) |
|---------|--|-------------|
| 211219 | 4.2MM DIA SOFT WIRE, 3.0MM DIA HARD WIRE | 200 |



1000V VDE CABLE SHEARS

COMPACT CABLE SHEAR

FEATURES

- 1000V VDE dual component handles
- Chrome plated head
- Precision ground blades for smooth cutting without crushing and deformation of cables



| Cat No. | Capacity | Length (mm) |
|-----------|--|-------------|
| KP9516165 | CAPACITY 15MM DIA, 50MM ² CU/AL | 165 |

PARROT BEAK CUTTER



| Cat No. | Description | Capacity (mm ²) | Length (mm) |
|---------|---|-----------------------------|-------------|
| 125-240 | 1000V VDE PARROT BEAK CUTTER - FOR CU/AL ONLY | UP TO 50 | 240 |

KNIPEX TWIN CUT CABLE SHEAR

FEATURES

- 1000V VDE dual component handles
- Chrome plated head
- Precision ground blades for smooth cutting without crushing and deformation of cables



| Cat No. | Capacity | Length (mm) |
|-----------|-----------------------------------|-------------|
| KP9516200 | 20MM DIA, 70MM ² CU/AL | 200 |

TWIN CUT CABLE SHEAR

FEATURES

- Precision ground cutting blades
- For Cu/Al only - not suitable for steel cable or hard drawn copper



| Cat No. | Description | Capacity | Length (mm) |
|---------|--------------------------------|------------------------------|-------------|
| 123 | 1000V VDE TWIN CUT CABLE SHEAR | 20MM DIA., 50MM ² | 200 |



1000V VDE CABLE CUTTER

FEATURES

- Lightweight high leverage cutting
- 1000V VDE handles
- Blades made from alloy tool steel, induction-hardened and chrome plated for easy cutting and long life



| Cat No. | Description | Capacity | Length (mm) |
|---------|---------------------------------------|------------------------------|-------------|
| 119-500 | 1000V VDE CABLE CUTTER FOR CU/AL ONLY | 27MM DIA, 150MM ² | 500 |

1000V VDE COMPOUND ACTION CABLE CUTTER

FEATURES

- High leverage cutting power
- 1000V VDE handles
- Blades made from alloy tool steel, induction-hardened and chrome plated for easy cutting and long life



| Cat No. | Description | Capacity | Length (mm) |
|---------|---|------------------------------|-------------|
| 118-600 | 1000V VDE COMPOUND ACTION CABLE CUTTER FOR CU/AL ONLY | 26MM DIA, 150MM ² | 500 |

1000V VDE BOLT CUTTER

FEATURES

- High leverage design with induction hardened cutting jaws
- Capacity - 11mm max dia.



| Cat No. | Description | Length (mm) |
|---------|---------------------------------|-------------|
| 130-610 | 1000V VDE INSULATED BOLT CUTTER | 610 |

SOFT GRIP SCISSORS

FEATURES

- 1000V VDE rated
- Fine scored stainless steel jaws
- Inox blades
- 25mm² cutting capacity



| Cat No. | Description | Length (mm) |
|---------|--|-------------|
| 200189 | 1000V VDE SOFT GRIP SCISSORS, 25MM ² CUTTING CAPACITY | 160 |



1000V VDE RATCHET CUTTERS

INSULATED RATCHET CABLE CUTTERS

Precision ground cutting blades for clean and smooth cuts. Single handed operation with little hand force required due to a high transmission ratio and 2-stage ratchet drive mechanism. 1000V VDE IEC/EN 60900.

FEATURES

- 1000V VDE dual component handles
- Black lacquered head



| Cat No. | Capacity | Length (mm) |
|-----------|---|-------------|
| KP9536250 | 32MM DIA 240MM ² , COPPER AND ALI CUTTING ONLY 500MCM | 250 |
| KP9536280 | 52MM DIA 380MM ² , COPPER AND ALI CUTTING ONLY 750MCM SUITABLE FOR ALUMINIUM SECTOR CABLE UP TO 4 X 150 MM ² | 280 |

INSULATED PARROT BEAK RATCHET CUTTER

FEATURES

- 2-layer dipped handle insulation
- 1000V VDE IEC/EN 60900



| Cat No. | Capacity | Length (mm) |
|---------|---|-------------|
| 128-310 | 240MM ² AL/CU – CUTS STRANDED AND FINE CU/AL WIRE AND CABLE ONLY | 310 |

1000V VDE WATER PUMP PLIERS & PLIER WRENCH

SLIP JAW PLIERS

FEATURES

- 1000V VDE dual component handles
- Chrome plated head
- Nine adjustment positions
- Powerful slim jaw with box joint design for greater gripping power



| Cat No. | Capacity | Length (mm) |
|-----------|------------|-------------|
| KP8806250 | UP TO 50MM | 200 |
| KP8807300 | UP TO 70MM | 300 |



SLIP JAW PLIERS

FEATURES

- Box joint design with seven adjustment positions
- Optimised jaw shape will grip pipes, nuts, flat, round, hex stock and more



| Cat No. | Capacity | Length (mm) |
|---------|------------|-------------|
| 116-240 | UP TO 40MM | 250 |

COBRA HITECH PUMP PLIER

FEATURES

- 1000V VDE dual component handles
- Chrome plated head
- Quick set adjust, 24 adjustment positions



| Cat No. | Capacity | Length (mm) |
|-----------|------------|-------------|
| KP8726250 | UP TO 50MM | 250 |

PLIER WRENCH

Pliers and a wrench set in a single tool. Excellent for gripping, holding, bending, turning workpieces.

FEATURES

- 1000V VDE dual component handles
- 19 adjustment positions
- Parallel smooth jaws
- Laser-cut (metric and imperial) scale
- Fast adjustment button
- Chrome vanadium electric steel, forged, oil-hardened



| Cat No. | Capacity | Length (mm) |
|-----------|------------|-------------|
| KP8606250 | UP TO 52MM | 250 |



1000V VDE END-ON WIRE STRIPPERS

INSULATION WIRE STRIPPER

FEATURES

- Spring loaded handles
- Easy stripping adjustment
- Designed for stripping single, multiple and fine stranded wire



| Cat No. | Description | Length (mm) |
|-----------|---|-------------|
| KP1106160 | 1000V VDE END-ON WIRE STRIPPER, STRIP PVC, PLASTIC AND RUBBER INSULATION UP TO 5.0MM DIA OR 10MM ² CABLE | 160 |

INSULATION WIRE STRIPPER

FEATURES

- Spring and adjustment screw
- Oil-hardened
- Sheathed handles



| Cat No. | Description | Length (mm) |
|---------|---|-------------|
| 211214 | 1000V VDE END-ON WIRE STRIPPER. EASY STRIPPING ADJUSTMENT FROM 0.2 - 6MM DIA. | 160 |

1000V VDE UTILITY TOOL KIT

The kit contains the four most common pliers made by ISO Tools. Essential tools required for working on the network. Pliers are finished with double dipped insulated handles. Supplied in handy Cordura tool roll for safe keeping. Made in Germany. 1000V VDE IEC 60900.

KIT INCLUDES

- 205mm High Leverage Combination Pliers
- 200mm High Leverage Diagonal Cutting Pliers
- 200mm Long Nose Plier
- 250mm Slip Jaw Pliers



| Cat No. | Description |
|-------------|--------------------------------|
| TNISO1KVKIT | 1000V VDE ISO UTILITY TOOL KIT |



1000V VDE KNIVES

KNIPEX CABLE STRIPPING KNIVES



| Cat No. | Features | Length (mm) | |
|---------|---|-------------|---------|
| | | Blade | Overall |
| KP9852 | SAFETY END CAP COVER, 1000V VDE DUAL COMPONENT HANDLE | 50 | 190 |

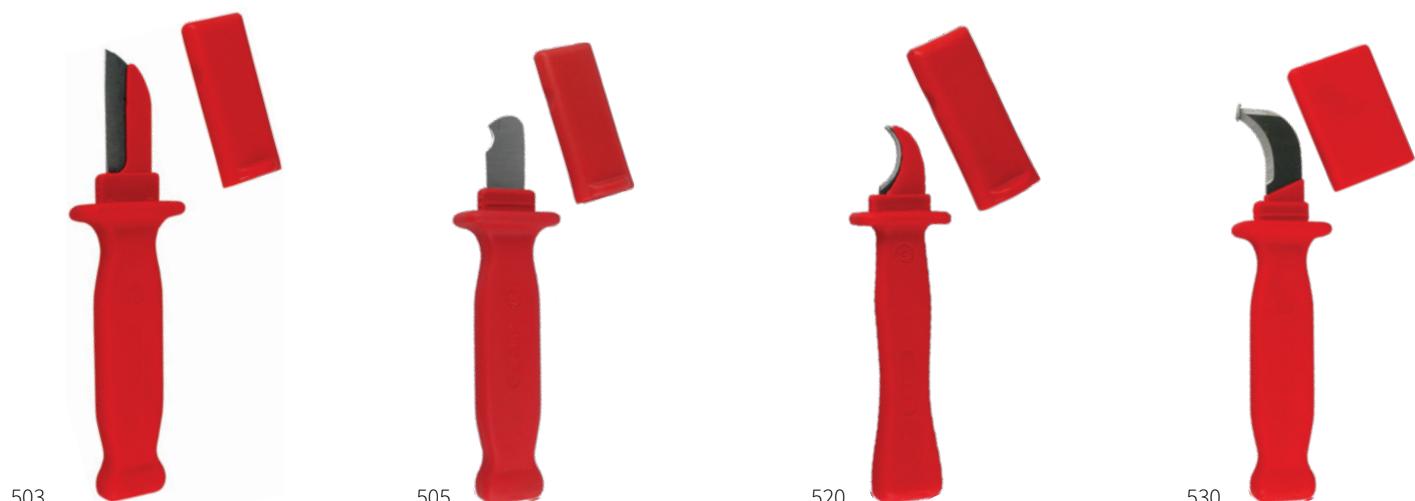


| Cat No. | Features | Length (mm) | |
|---------|---|-------------|---------|
| | | Blade | Overall |
| KP9854 | THUMB BLADE PROTECTION, SAFETY END CAP COVER, 1000V VDE DUAL COMPONENT HANDLE | 50 | 190 |



| Cat No. | Features | Length (mm) | |
|---------|--|------------------|---------|
| | | Blade | Overall |
| KP9855 | PROTECTIVE FOOT, SAFETY END CAP COVER, 1000V VDE DUAL COMPONENT HANDLE | 40 (24MM RADIUS) | 180 |

ISOTOOLS CABLE KNIVES



| Cat No. | Features | Length (mm) | |
|---------|--|-------------|---------|
| | | Blade | Overall |
| 503 | 1000V VDE, REAR BLADE THUMB GUARD, C/W SAFETY CAP | 50 | 185 |
| 505 | 1000V VDE, HOOKED RECESS CUTTING EDGE, C/W SAFETY CAP | 35 | 185 |
| 520 | 1000V VDE, CURVED BLADE AND REAR BLADE GUARD, C/W SAFETY CAP | 35 | 185 |
| 530 | 1000V VDE, CURVED BLADE AND PROTECTIVE SLITTING FOOT, C/W SAFETY CAP | 40 | 185 |



CABLE STRIPPING KNIFE

FEATURES

- 1000V VDE rated
- Comfort grip handle
- 50mm rigid straight blade
- Protective blade cover included



| Cat No. | Description | Length (mm) |
|---------|---------------------------------|-------------|
| 200000 | 1000V VDE CABLE STRIPPING KNIFE | 150 |

1000V VDE SCREWDRIVERS

HAUPA 1000V VDE SCREWDRIVERS

Haupa 1000V VDE screwdrivers feature a powerful ergonomic 2-component handle made from PP/TPE material with a non-slip grip. Easy screwdriver identification with blade type marked on top of the handle. Haupa screwdriver blades are made from Molybdenum vanadium steel and have magnetic tips. Each screwdriver is individually tested as part of the IEC 60900:2004 standards approvals.



| Cat No. | Size | Type |
|---------|-----------------|------|
| 101910 | 2.5MM × 75MM | |
| 101912 | 3.0MM × 100MM | |
| 101914 | 3.5MM × 100MM | |
| 101916 | 4.0MM × 100MM | |
| 101918 | 5.5MM × 125MM | |
| 101920 | 6.5MM × 150MM | |
| 101922 | 8.0MM × 175MM | |
| 101924 | 10.0 MM × 200MM | |
| | | FLAT |



| Cat No. | Size | Type |
|---------|--------------|-----------|
| 101940 | PH 0 × 60MM | |
| 101942 | PH 1 × 80MM | |
| 101944 | PH 2 × 100MM | |
| 101946 | PH 3 × 150MM | |
| | | PHILLIPS* |

*Anti-camout blades



| Cat No. | Size | Type |
|---------|----------------|------|
| 101950 | POZI 0 × 60MM | |
| 101952 | POZI 1 × 80MM | |
| 101954 | POZI 2 × 100MM | |
| 101956 | POZI 3 × 150MM | |



| Cat No. | Size | Type |
|---------|------------------|------|
| 102552 | SQ. NO 1 × 100MM | |
| 102554 | SQ. NO 2 × 100MM | |
| 102556 | SQ. NO 3 × 100MM | |

HAUPA 1000V VDE SCREWDRIVER SETS

FEATURES

- Injected blade profile on top of the handle for fast access in the tool pouch and tool box
- Magnetic blades
- Additional anti-slip protection on Phillips profiles prevents the tool from slipping out of the screw
- Silver tips protect from corrosion



| Cat No. | Description | Type |
|-----------|---|------|
| 101999/Z1 | 6PC 1000V VDE SET WITH SQ 1, 2, POZI 1, 2, AND 3.5MM, 6.5MM SLOTTED | |
| 101999 | 6PC 1000V VDE SET WITH 2.5, 4.0, 5.5, 6.5MM SLOTTED, PH1, PH2 | |

HAUPA 1000V VDE SLIM SCREWDRIVER SETS

These screwdrivers feature a reduced blade diameter and integrated protective insulation. Extra-thin shaft insulation for those limited access areas.



FEATURES

- Extra slim blades
- 2 component handles made from PP/TPE material
- Blades made from molybdenum vanadium steel, hardened and blasted tips

| Cat No. | Description | Type |
|-----------|---|------|
| 102999 | 6PC SLIM PROFILE 1000V VDE SET WITH 3.5, 4.0, 5.5, 6.5MM SLOTTED, AND PH1, PH2 | |
| 102999/PZ | 6PC SLIM PROFILE 1000V VDE SET WITH 3.5, 4.0, 5.5, 6.5MM SLOTTED, AND POZI 1, 2 | |



HAUPA 1000V VDE SLIM CIRCUIT BREAKER SCREWDRIVER SETS

These screwdrivers feature a reduced blade diameter and integrated protective insulation. Deep screwing can be achieved to a better standard thanks to the reduced blade diameter.

FEATURES

- 2 component handles made from PP/TPE material
- Molybdenum vanadium steel blades that have been hardened, blasted, routine checked & insulated
- Suitable for use in automatic circuit breakers and safety switches in electrical installations



| Cat No. | Square Drive VDE Screwdrivers | Type |
|---------|--|------|
| 102879 | 2PC PZ/SLOT SET WITH POZI/SLOT 5.0MM - PZ 1 AND 6.0MM - PZ 2 | ★ |

HAUPA VARIO TQ 1000V VDE SCREWDRIVER SETS

These VarioTQ 1000V VDE dynamometric screwdriver sets feature interchangeable blades, and include torque settable handles with a clear perceptible and auditable signal when correct torque value is achieved.

FEATURES

- Insulated replaceable blade made from molybdenum vanadium steel, hardened, blasted, with hexagonal shaft
- Kits supplied in robust nylon bag (with belt loop and hook and loop closure)
- Additional blade options on request



| Cat No. | Description | Torque Range (Nm) | Type |
|-----------|---|-------------------|-------|
| 102700/Z1 | 1000V VDE SET – BLADES INCLUDE 2 × PH, 2 × PZ, 2 × SQ | 1-6 | + |
| 102701 | 1000V VDE SET – BLADES INCLUDE 5 × SLOTTED, 3 × PH, 2 × PZ/SLOT | 0.5-3.5 | — + * |
| 102701/PZ | 1000V VDE SET – BLADES INCLUDE 5 × SLOTTED, 3 × PZ, 2 × PZ/SLOT | 0.5-3.5 | — * * |
| 102708/PZ | 1000V VDE SET – BLADES INCLUDE 2 × SLOTTED, 2 × PZ, 2 × SQ | 1-6 | — * — |



1000V VDE SOCKETRY

1/2" DRIVE VDE SOCKETS



| Cat No. | Insulated Sockets 6 point - 55mm long | Type |
|---------|--|------|
| 316-8 | 1/2" DR X 8MM | |
| 316-9 | 1/2" DR X 9MM | |
| 316-10 | 1/2" DR X 10MM | |
| 316-11 | 1/2" DR X 11MM | |
| 316-12 | 1/2" DR X 12MM | |
| 316-13 | 1/2" DR X 13MM | |
| 316-14 | 1/2" DR X 14MM | |
| 316-15 | 1/2" DR X 15MM | |
| 316-16 | 1/2" DR X 16MM | |
| 316-17 | 1/2" DR X 17MM | |
| 316-18 | 1/2" DR X 18MM | |
| 316-19 | 1/2" DR X 19MM | |
| 316-21 | 1/2" DR X 21MM | |
| 316-22 | 1/2" DR X 22MM | |
| 316-24 | 1/2" DR X 24MM | |
| 316-27 | 1/2" DR X 27MM | |
| 316-30 | 1/2" DR X 30MM | |
| 316-32 | 1/2" DR X 32MM | |

1/2"

INSULATED DEEP SOCKETS



| Cat No. | Insulated Deep Sockets 6 point - 80mm long | Type |
|---------|---|------|
| 321-8 | 1/2" DR X 8MM | |
| 321-10 | 1/2" DR X 10MM | |
| 321-11 | 1/2" DR X 11MM | |
| 321-12 | 1/2" DR X 12MM | |
| 321-13 | 1/2" DR X 13MM | |
| 321-14 | 1/2" DR X 14MM | |
| 321-15 | 1/2" DR X 15MM | |
| 321-16 | 1/2" DR X 16MM | |
| 321-17 | 1/2" DR X 17MM | |
| 321-18 | 1/2" DR X 18MM | |
| 321-19 | 1/2" DR X 19MM | |
| 321-21 | 1/2" DR X 21MM | |
| 321-22 | 1/2" DR X 22MM | |
| 321-23 | 1/2" DR X 23MM | |
| 321-24 | 1/2" DR X 24MM | |
| 321-27 | 1/2" DR X 27MM | |
| 321-30 | 1/2" DR X 30MM | |
| 321-32 | 1/2" DR X 32MM | |

1/2"

INSULATED INHEX SOCKETS



| Cat No. | Insulated Inhex Sockets - 100mm long | Type |
|----------------|---|------|
| IT/355/4MM100 | 1/2" DRIVE x 4MM | |
| IT/355/5MM100 | 1/2" DRIVE x 5MM | |
| IT/355/6MM100 | 1/2" DRIVE x 6MM | |
| IT/355/8MM100 | 1/2" DRIVE x 8MM | |
| IT/355/10MM100 | 1/2" DRIVE x 10MM | |

1/2"



INSULATED RATCHETS

FEATURES

- Lock-on and quick release socket drive
- 1000V VDE insulated



| Cat No. | Description | Length (mm) | Type |
|---------|--|-------------|------|
| 360494 | 1/2" DRIVE 1000V VDE INSULATED RATCHET | 260 | 1/2" |



| Cat No. | Description | Length (mm) | Type |
|---------|--|-------------|------|
| 280-260 | 1/2" DRIVE 1000V VDE INSULATED RATCHET | 260 | 1/2" |

INSULATED EXTENSION BARS

FEATURES

- 1/2" drive
- Socket can be mechanically locked onto the extension bar



| Cat No. | Description | Length (mm) | Type |
|---------|----------------------------------|-------------|------|
| 310-125 | 1/2" DRIVE x 125MM EXTENSION BAR | 125 | |
| 310-250 | 1/2" DRIVE x 250MM EXTENSION BAR | 250 | 1/2" |



1000V VDE TORQUE WRENCHES

ISOTOOLS INSULATED TORQUE WRENCHES

Built in reversible ratchet with mechanically locked drive.
Torque set for clockwise tightening only. Easy read scale.
Lockable torque adjustment. Accuracy $\pm 4\%$. ISO Tools torque wrenches are supplied with test certificates.



FEATURES

- Patented secure lock-on socket holding mechanism
- Reversible ratchet head

| Cat No. | Description | Torque Range (Nm) | Length (mm) | Type |
|------------|------------------------------------|-------------------|-------------|------|
| 308-05-50 | 1/2" DRIVE 1000V VDE TORQUE WRENCH | 5 - 50 NM | 370 | |
| 308-20-100 | 1/2" DRIVE 1000V VDE TORQUE WRENCH | 20 - 100 NM | 460 | 1/2" |

KNIPEX INSULATED TORQUE WRENCHES

FEATURES

- Mechanical locked socket drive retaining system
- Reversible ratchet head with push through socket drive
- Wrench can torque clockwise or counter clockwise, by inverting the socket drive
- Lockable torque adjustment
- Mechanically locked retaining system
- Transparent insulated scale range. Accuracy $\pm 3\%$
- Chrome Vanadium steel
- KNIPEX torque wrenches supplied with test certificate and plastic storage tube



| Cat No. | Description | Torque Range - Dual Scale | | Length (mm) | Type |
|----------|------------------------------------|---------------------------|---------------|-------------|------|
| | | Nm | lbf·ft | | |
| KP983325 | 3/8" DRIVE 1000V VDE TORQUE WRENCH | 5 - 25 NM | 5 - 18 LBF.FT | 290 | 3/8" |
| KP983350 | 3/8" DRIVE 1000V VDE TORQUE WRENCH | 5 - 50 NM | 5 - 35 LBF.FT | 385 | |
| KP984350 | 1/2" DRIVE 1000V VDE TORQUE WRENCH | 5 - 50 NM | 5 - 35 LBF.FT | 385 | 1/2" |



1000V VDE SOCKET SETS

Made from Chrome vanadium steel, chrome plated with 2-layer safety dipped insulation. Made and tested in accordance to the IEC 60900 VDE Standards.

3/8" DRIVE 7 PIECE 1000V VDE SOCKET SET

FEATURES

- 1 reversible ratchet 200 mm
- 5 sockets 3/8", 10, 12, 13, 14, 17mm
- 1 extension bar 125mm
- Supplied in plastic storage case with foam inlay

| Cat No. | Description | Type |
|----------|--|------|
| TN251457 | 3/8" DRIVE 7PC METRIC 1000V VDE SOCKET SET 10 - 17MM | 3/8" |



3/8" DRIVE 14 PIECE 1000V VDE SOCKET SET

FEATURES

- 1 reversible ratchet 200mm
- 1 T-handle, 200mm
- 2 extensions bars, 125 and 250mm
- 7 sockets, 8, 10, 11, 13, 14, 17, 19mm
- 3 inside hex. sockets, 4, 5, 6mm
- Supplied in plastic storage case with foam inlay

| Cat No. | Description | Type |
|----------|--|------|
| TN251495 | 3/8" DRIVE 14PC METRIC 1000V VDE SOCKET SET 8 - 19MM | 3/8" |



1/2" DRIVE 9 PIECE 1000V VDE SOCKET SET

FEATURES

- 1 reversible ratchet, quick release 260 mm
- 1 extension bar, 125mm
- 7 sockets 10, 11, 12, 13, 14, 17, 19mm
- Supplied in plastic storage case with foam inlay

| Cat No. | Description | Type |
|----------|--|------|
| TN250900 | 1/2" DRIVE 9PC METRIC 1000V VDE SOCKET SET 10 - 19MM | 1/2" |





1/2" DRIVE 16 PIECE 1000V VDE SOCKET SET

FEATURES

- 1 reversible ratchet, quick release 260mm
- 1 T-handle 200mm
- 8 sockets, 10, 13, 14, 17, 19, 22, 24, 27mm
- 2 extension bars, 125 and 250mm
- 3 inside hex. sockets, 5, 6, 8mm
- 1 screwdriver 3.5mm x 100mm
- Supplied in plastic storage case with foam inlay

| Cat No. | Description | Type |
|----------|---|------|
| TN251600 | 1/2" DRIVE 16PC METRIC 1000V VDE SOCKET SET 10 - 27MM | 1/2" |



1/2" DRIVE 15 PIECE 1000V VDE SOCKET SET

FEATURES

- 1 reversible ratchet 260mm
- 1 T-handle 200mm
- 8 sockets 10, 12, 13, 14, 17, 19, 22, 24mm
- 2 extensions bars 125 and 250mm
- 3 hexagon sockets 5, 6, 8mm
- Supplied in plastic storage case with foam inlay

| Cat No. | Description | Type |
|---------|--|------|
| 916 | 1/2" DRIVE 15PC 1000V VDE SOCKET SET 10 - 24MM | 1/2" |



26 PIECE 1000V VDE COMBINATION SET

FEATURES

- 1 combination plier 200mm
- 1 long nose plier 200mm
- 1 side cutter 160mm
- 7 open end spanners 10, 11, 12, 13, 14, 17 and 19mm
- 1 reversible ratchet 1/2" - 260mm
- 1 extension bar 1/2" - 250mm
- 7 pcs. 6 point sockets 1/2" x 10, 11, 12, 13, 14, 17, 19mm
- 4 screwdrivers for slotted screws 3.5 x 100, 5.5 x 125, 6.5 x 150, 8.0 x 175mm
- 1 cable knife
- 1 insulation stripping knife for plastic cables 35mm blade
- 1 voltmeter 150-250V
- Supplied in plastic storage case with foam inlay

| Cat No. | Description | Type |
|---------|------------------------------------|------|
| 900 | 1/2" DRIVE 26PC 1000V VDE TOOL SET | 1/2" |





1000V VDE RATCHET WRENCHES

RATCHET WRENCH SET

FEATURES

- Ratchet wrenches with double layer safety insulation.
- 2-layer safety quickcheck
- Supplied in plastic storage case with foam inlay tray

SET CONTAINS

- 6 ratchet wrenches - 10, 11, 12, 13, 14, 17 mm



| Cat No. | Description |
|---------|----------------------------------|
| 279017 | 6PC RATCHET WRENCH SET 10 - 17MM |

1000V VDE INSULATED RATCHET WRENCH

- For use with all shear bolt connectors (IPCs and Fuse Carriers)
- 13mm and 17mm A/F sockets in one spanner
- Reversible ratchet
- Fits stainless steel nuts used in strain and suspension clamps
- Fixed sockets that can not be lost or dropped during installation
- 1000V insulated for added user safety
- 6 sided hex sockets protect integrity of plastic bolt heads



| Cat No. | Description |
|----------|---|
| IRW13/17 | INSULATED RATCHET SPANNER 13 & 17MM SOCKETS |



1000V VDE WRENCHES

Chrome vanadium steel, chrome plated with 2-layer safety dipped insulation. Made and tested in accordance to the IEC 60900 VDE Standards.

OPEN END WRENCHES



| Cat No. | Size |
|---------|--------------|
| 200-06 | 6MM X 105MM |
| 200-07 | 7MM X 105MM |
| 200-08 | 8MM X 105MM |
| 200-09 | 9MM X 105MM |
| 200-10 | 10MM X 105MM |
| 200-11 | 11MM X 115MM |
| 200-12 | 12MM X 125MM |
| 200-13 | 13MM X 130MM |
| 200-14 | 14MM X 145MM |
| 200-15 | 15MM X 155MM |
| 200-16 | 16MM X 160MM |
| 200-17 | 17MM X 160MM |
| 200-18 | 18MM X 170MM |
| 200-19 | 19MM X 175MM |
| 200-22 | 22MM X 200MM |
| 200-24 | 24MM X 225MM |

OFFSET RING WRENCHES



| Cat No. | Size |
|---------|--------------|
| 210-6 | 6MM X 140MM |
| 210-7 | 7MM X 140MM |
| 210-8 | 8MM X 140MM |
| 210-9 | 9MM X 140MM |
| 210-10 | 10MM X 165MM |
| 210-11 | 11MM X 175MM |
| 210-12 | 12MM X 185MM |
| 210-13 | 13MM X 195MM |
| 210-14 | 14MM X 200MM |
| 210-15 | 15MM X 205MM |
| 210-16 | 16MM X 205MM |
| 210-17 | 17MM X 210MM |
| 210-18 | 18MM X 220MM |
| 210-19 | 19MM X 230MM |
| 210-22 | 22MM X 250MM |
| 210-24 | 24MM X 260MM |

RATCHET RING WRENCHES



| Cat No. | Size |
|----------|--------------|
| TN279109 | 10MM X 135MM |
| TN279116 | 11MM X 135MM |
| TN279123 | 12MM X 140MM |
| TN279130 | 13MM X 140MM |
| TN279147 | 14MM X 150MM |
| TN279154 | 15MM X 150MM |
| TN279161 | 16MM X 160MM |
| TN279178 | 17MM X 160MM |
| TN279185 | 18MM X 180MM |
| TN279192 | 19MM X 180MM |

ALLEN KEY T-BAR



| Cat No. | Size |
|------------|-------------|
| IT/360/3MM | 3MM X 120MM |
| IT/360/4MM | 4MM X 160MM |
| IT/360/5MM | 5MM X 160MM |
| IT/360/6MM | 6MM X 160MM |
| IT/360/8MM | 8MM X 160MM |



VDE TOOLKITS

APPRENTICE PACK

KIT CONTAINS

- 1000V combination pliers
- 1000V heavy duty diagonal cutters
- 1000V long nose pliers
- 1000V cable stripper
- 1000V 3mm flat screwdriver
- 1000V 5.5mm flat screwdriver
- No2 Philips screwdriver
- No2 Pozi screwdriver
- No2 square screwdriver
- Cable stripping knife
- 5m Tape
- Toolbelt
- Non-contact volt stick



| Cat No. | Description |
|--------------|--------------------------------------|
| TNAPPKIT-1KV | 13PC APPRENTICE PACK 1000V VDE TOOLS |

CABLE JOINTING KITS



These kits are suited to jointing cables on LV and MV networks. Prepared by Cable Jointers for Cable Jointers they are packed in a custom made canvas tool roll to keep the tool insulation protected, with a range of tools specific to preparing and terminating cables. To make this kit even more specific to MV and HV applications you can add any of the MV specific stripping tools we offer.

All insulated tools in these kits are tested in accordance with IEC 60900:2004 and are rated to 1000V. The double insulation layer offers a visual confirmation of the integrity of the insulation as the inner layer is yellow and the outer layer is red, any damage will be obvious during visual inspections.

Additional tools can be purchased separately if desired, the range is extensive and we understand personal preference is important with Cable Jointing.

BASICJOINTKIT2 - 13 tools including hack knife, sockets, wedges, hacksaws and reversible ratchet

BASICJOINTKIT1 - 16 tools including all of the BASICJOINTKIT2 tools as well as allen key T-bar, cutters and pliers

CABLEJOINTINGKIT - The ultimate kit, 25 tools in all, this kit includes the tools in the BASICJOINTKIT1 as well as a ruler, hammer, knives, additional pliers, cutters and allen key sockets

| Cat No. | Description |
|------------------|---|
| CABLEJOINTINGKIT | CABLE JOINTER 1000V VDE TOOL KIT HOUSED IN A HANDY CANVAS TOOL ROLL, ULTIMATE |
| BASICJOINTKIT1 | CABLE JOINTER 1000V VDE TOOL KIT HOUSED IN A HANDY CANVAS TOOL ROLL, LARGE |
| BASICJOINTKIT2 | CABLE JOINTER 1000V VDE TOOL KIT HOUSED IN A HANDY CANVAS TOOL ROLL, SMALL |



ELECTRIC VEHICLE SERVICE KITS



FVC-SAFETY-KIT

EVC- SAFETY-KIT

- Haupa safety set with bag and mat
- Salisbury Leather overgloves, size 10.5
- Salisbury cotton glove liner
- Salisbury 5oz bottle of glove powder
- Rubber glove testing
- Insulated rescue hook
- CAT IV, 1000V voltage tester
- 650V mat 1.2m long X 375mm drops either side
- Bent nose insulating plier
- Black/Yellow plastic telescopic barrier poles
- Road cones 70mm high
- High Voltage Sign 450x300mm PVC
- Storage bag 1450x 250x250mm

EVC-SERVICE-KIT

This service kit includes a range of safety accessories and tools.

- 2C-VDE electrician's screwdrivers
- 2.5 x 75, 3 x 100, 3.5 x 100, 4 x 100 mm
- 2C-VDE cross slotted screwdrivers PH 1, 2, 3
- 2C-VDE cross slotted screwdrivers S-Tx 20, 25, 30
- Hexagon sockets VDE 3/8"
- WS 8, 9, 10, 12, 13, 14, 17, 19, 22



FVC-SERVICE-KIT

- Extension 3/8" VDE, 250 mm
- Reversible ratchet VDE 3/8"
- Water pump pliers VDE 240 mm
- Cable cutters VDE 230 mm
- Side heavy duty side cutters VDE 205 mm
- Side cutters VDE 165 mm
- Short flat nose pliers VDE 160 mm
- Long chain nose pliers, angled nose 200 mm
- Combination pliers VDE 205 mm
- Cable stripping knife 1000V, straight blade, 50 mm
- Safety-sets with bag, insulating mat
- Slip on bushes 1000V, 12 mm
- Slip on bushes 1000V, 10 mm
- VDE-sockets 3/8", M8, M10, M12
- Shutting band red / white 500 m
- Sign - "Dangerous Voltage"
- Sign - "Do No Switch"
- 6 x Orange Cones
- 5 x Yellow/Black adjustable barriers
- LV safety hook
- Glove bag
- Glove Powder
- Cotton glove liners
- Testing of rubber gloves

| Cat No. | Description |
|-----------------|------------------------------|
| EVC-SERVICE-KIT | EV SERVICING KIT |
| EVC-SAFETY-KIT | EV SERVICING SAFETY KIT ONLY |



CABLE CUTTERS

HAND CABLE CUTTERS



#110/1

Small single hand operated parrot beak cutter, ideal for general applications. Precision blades make this tool ideal for cutting flexible Copper cables . Capacity 6 - 70mm² Cu/Al only.



#144/1

Parrot beak style cable cutter for Copper and Aluminium conductors. Capacity up to 125mm² Cu/Al only.

| Cat No. | Range (mm ²) | Description | Length (mm) | Weight |
|---------|--------------------------|--|-------------|--------|
| #110/1 | 6-70 | PARROT BEAK CUTTER | 240 | 460G |
| #144/1 | UP TO 125 | PARROT BEAK CUTTER, SPARE BLADES AVAILABLE | 300 | 700G |



#140/1

Parrot beak style cable cutter for Copper and Aluminium conductors. Replacement blades available. Not for use with steel core conductors. Capacity up to 240mm² Cu/Al only.



#141/1

Parrot beak style cable cutter for Copper and Aluminium conductors. Replacement blades available. Not for use with Steel core conductors. Capacity up to 500mm² Cu/Al only.

| Cat No. | Range (mm ²) | Description | Length (mm) | Weight |
|---------|--------------------------|--|-------------|--------|
| #140/1 | UP TO 240 | PARROT BEAK CUTTER, SPARE BLADES AVAILABLE | 610 | 1.8KG |
| #141/1 | UP TO 500 | PARROT BEAK CUTTER, SPARE BLADES AVAILABLE | 805 | 2.8KG |

RATCHET CABLE CUTTERS

Handy single handed cutter with powerful ratchet action.
Heavy duty comfort grip handle.

FEATURES

- 32mm diameter capacity
- 325mm² Al/Cu only
- AWG 600MCM



| Cat No. | Range (mm ²) | Description | Length (mm) |
|---------|--------------------------|--------------------------------|-------------|
| RC32 | UP TO 325 | RATCHET CABLE CUTTER 32MM DIA. | 240 |



RATCHET CABLE CUTTERS



200111

Handy single handed cutter with ratchet action. Compact design. Capacity - 34mm dia. 185mm² Al/Cu only.



200183

One or two handed tool, large capacity cutter with robust drive technology. Capacity - 62mm dia. 480mm² Al/Cu only.

| Cat No. | Range (mm ²) | Description | Length (mm) |
|---------|--------------------------|--------------------------------|-------------|
| 200111 | UP TO 185 | RATCHET CABLE CUTTER 34MM DIA. | 250 |
| 200183 | UP TO 480 | RATCHET CABLE CUTTER 62MM DIA. | 297 |

PARROT BEAK RATCHET CABLE CUTTER

Parrot beak cutter with ratchet action. Front opening jaws. Capacity - 34mm dia. 185mm² and 240mm² Al/Cu only.



FEATURES

- Comfort grip handle
- Front opening jaws
- Eccentric drive system for optimised cutting power

| Cat No. | Description | Capacity (mm O.D.) | Length (mm) |
|---------|----------------------------------|--------------------|-------------|
| 200126 | PARROT BEAK RATCHET CABLE CUTTER | 30 | 330 |

ACSR RATCHET CABLE CUTTER

FEATURES

- Heavy duty comfort grip handle



| Cat No. | Description | Capacity (mm O.D.) | Length (mm) |
|---------|---------------------------|--------------------|-------------|
| SC-30A | ACSR RATCHET CABLE CUTTER | 30 | 240 |



CABLE KNIVES - NON-INSULATED POCKET KNIVES



| Cat No. | Description |
|---------|--|
| 200010 | CABLE STRIPPING KNIFE – SOLID SYNTHETIC HANDLE |

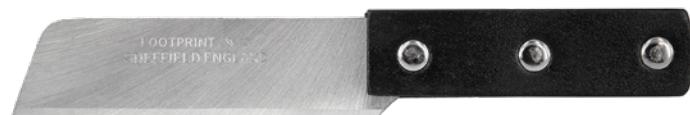
| Cat No. | Description |
|---------|---|
| 1550-4 | HAWKBILL BLADE POCKET KNIFE 100MM – FOLDING LOCKOUT BLADE |

RAYCHEM JOINTERS KNIFE



| Cat No. | Description |
|-----------|---|
| EXRM-0607 | RAYCHEM KNIFE WITH WOODEN HANDLE, FIXED BLADE |

JOINTERS HACK KNIFE



| Cat No. | Description |
|-----------|---|
| GT/F00182 | JOINTERS HACK KNIFE. HEAVY DUTY WIDE BACK CARBON STEEL BLADE. 115MM BLADE |

HEAVY DUTY WORK KNIFE



| Cat No. | Description |
|---------|--|
| LE-325 | HEAVY DUTY WORK KNIFE WITH LOCKING SAFETY HOLSTER, WITH BELT LOOP & KNIFE SHARPENING STONE. KNIFE 234MM OVERALL, 80MM LONG HIGH CARBON STEEL BLADE |

POLYMERIC HACK KNIFE



| Cat No. | Description |
|-----------|--|
| IT/120-CS | POLYMERIC HACK KNIFE. STRONG WIDE BACKED POLYMERIC BLADE WITH SOFT GRIP MOLDED HANDLE. |



SPECIALIST CABLE PREPARATION TOOLS

SCRATCH BRUSHES



| Cat No. | Description |
|---------|--|
| SB-AL | SCRATCH BRUSH FOR AL CONDUCTORS UP TO 25.4MM O.D. |

| Cat No. | Description |
|---------|--|
| SB-CU | SCRATCH BRUSH FOR COPPER CONDUCTORS UP TO 25.4MM O.D. |

SEMICON PLIERS



SEMICON SCORING TOOL



| Cat No. | Description |
|---------|----------------|
| SC-13 | SEMICON PLIERS |

| Cat No. | Description | Depth (mm) |
|---------------|--------------------------------|------------|
| SCORER-DST-04 | SEMICON SCREEN SCORING TOOL | 0.4 |
| SCORER-DST-06 | | 0.6 |

CABLE SHEATH STRIPPING TOOLS



| Cat No. | Description |
|---------|---------------------------|
| HRIPS | RIPPER STRIPPER |
| HRIPS/B | BLADES ONLY FOR THE HRIPS |



| Cat No. | Description |
|-------------|----------------------------------|
| KMS-K | HEAVY DUTY CABLE SHEATH STRIPPER |
| KMS-K-BLADE | 5PACK, SPARE BLADES |

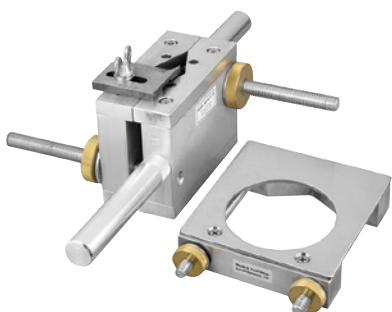


SPECIALIST STRIPPING TOOLS



| Cat No. | Description |
|-------------|---|
| MARK-I-TOOL | INSULATION STRIPPER 19.1–50.8MM *TOOL STOP SOLD SEPARATELY |

| Cat No. | Description |
|-----------|-----------------------------|
| 2850-TOOL | SECONDARY MID-SPAN STRIPPER |



| Cat No. | Description |
|---------|---|
| MARK-II | INSULATION STRIPPER 44.5–76.2MM *TOOL STOP SOLD SEPARATELY |

| Cat No. | Description |
|------------------|--|
| MARK-X-TOOL-STOP | TOOL STOP ACCESSORY FOR SQUARE CUT *X = MODEL I OR II |



| Cat No. | Description |
|---------|--|
| 1700-SS | SEMICON SCORER 12.7–50.8MM WITH SQUARE/ SPIRAL CUT & DIAL LOCKING SET SCREW |

| Cat No. | Description |
|-----------|---|
| 2750-TOOL | SECONDARY STRIPPER 7.9–34.9 MM ² CUTTER, 240MM ² AL/CU |



| Cat No. | Description |
|-----------------|--|
| HVIA-TOOL-35/90 | CABLE INSULATION & SCREEN STRIPPING TOOL FOR 35–90MM OD |



| Cat No. | Description |
|---------|----------------------|
| SCS | SEMICON SCORING TOOL |

| Cat No. | Description |
|-------------|---------------------|
| IT-1000-024 | CABLE SHEATH CUTTER |



| Cat No. | Description |
|---------|----------------------|
| WS76 | SEMICON SHAVING TOOL |

| Cat No. | Description |
|------------|-----------------|
| 2-361372-7 | CHAMFERING TOOL |



| Cat No. | Description |
|------------|--|
| 3-361372-0 | ULTIMATE MV CABLE PREPARATION TOOL KIT |

| Cat No. | Description |
|------------|-------------------------------------|
| 3-361372-1 | BASIC MV CABLE PREPARATION TOOL KIT |



| Cat No. | Description |
|-----------|-------------------------------|
| GT/125200 | INSULATION STRIPPER, T HANDLE |

| Cat No. | Description |
|-----------|---|
| GT/130xxx | INSULATION STRIPPER INSERT FOR USE WITH GT/125200 T HANDLE * xxx = Cable size and Voltage, contact us for part numbers |



CS/244400

These kits are ideal for stripping MV cables. They will strip longitudinal, helical and circular cuts. Step-by-step cutting depth adjustment.

FEATURES

- Application range: Ø 16 - 41 mm
- Insulation thickness: 0 - 2 mm
- Max. rotating diameter: 130 mm
- Suggested application: Non vulcanized, peelable semiconductive layer

CS/244400 CONTENTS

- Cable stripper
- Stop clamp
- Silicone lube

HVSTRIPPINGKIT CONTENTS

- CS/244400 stripper set
- SC-13 semicon pliers
- T-handle
- Stripper inserts - 85, 185, 300mm²
- Storage pouch

| Cat No. | Description |
|-----------|---|
| CS/244400 | STRIPPER SET FOR NON-VULCANISED SEMICONDUCTOR LAYER |

| Cat No. | Description |
|----------------|---|
| HVSTRIPPINGKIT | MV CABLE STRIPPER SET FOR SEMI CON LAYERS |



MECHANICAL CONNECTOR TOOLS

CORDLESS IMPACT WRENCH

FEATURES

- Everything included for all standard mechanical connectors and lugs
- Brushless motor - electronically controlled to optimise battery energy, runs up to 50% longer run time per charge
- BL motor efficiently uses energy to match torque and RPM to the changing demands of the application
- Multi-mode torque function for greater control
- Electric brake for increased operator safety
- Variable speed control by trigger for precise fastening in a wide variety of applications
- Can be used for shear-head bolts up to 100nm
- Convenient belt hook

INCLUDES

- 1/2" drive impact wrench
- 1 battery charger
- 2 li-ion batteries 18V/5.0Ah
- 1 carry case
- 1/2" drive impact sockets – metric 10, 13, 17, 19, 22, 27mm
- 1/2" drive to 1/4" hexagon adaptor
- 3 inhex Allen key sockets 5, 6, 8mm



Technical Specifications

| | | | |
|--------------------------|---------------------|--------|--------|
| CAPACITIES | 1/2" DRIVE (12.7MM) | | |
| STANDARD BOLT | M10-M20 | | |
| HIGH TENSILE BOLT | M10-M16 | | |
| MAX. FASTENING TORQUE | | | 280NM |
| | HI | MED | LOW |
| IMPACTS PER MINUTE (IPM) | 0-3500 | 0-2600 | 0-1800 |
| NO LOAD SPEED (RPM) | 0-2800 | 0-2100 | 0-1600 |
| NET WEIGHT | 1.5KG | | |

| Cat No. | Description |
|-------------|--|
| IT-1000-033 | CORDLESS IMPACT WRENCH FOR INSTALLATION OF MECHANICAL CONNECTORS & LUGS USING SHEAR-HEAD BOLTS |

MECHANICAL CONNECTOR HOLDING TOOLS

TransNet offers both an insulated and un-insulated holding tool for Mechanical Connectors. Both can be used for most connector sizes.

- Large easy grip handle
- Recommended for use on most sizes of connector to eliminate possible core 'cranking'
- IT-1000-019 has a large jaw opening to accommodate a wide range of mechanical connectors
- 233 is insulated to 1000V

| Cat No. | Description |
|-------------|--|
| IT-1000-019 | UNIVERSAL HOLDING TOOL FOR MECHANICAL CONNECTORS, APPLICATION RANGE 15-60MM O.D. |
| 223 | 1000V INSULATED MECHANICAL CONNECTOR HOLDER APPLICATION RANGE 15-40MM O.D. |





WEDGES

INSULATING WEDGES

With a range of sizes and shapes available there is something for every application. These wedges are made from strong, impact resistant materials meaning they can be nudged into place with a hammer should the necessity arise.



714-170



715-160



725-200

| Cat No. | Dimensions (mm) | Description |
|---------|-----------------|---|
| 714-170 | 170 x 27 x 10 | 1000V VDE INSULATING WEDGE MADE FROM SHOCK PROOF POLYAMIDE |
| 715-160 | 160 x 15 | 1000V VDE PLASTIC SEPARATING WEDGE |
| 725-200 | 200 x 25 x 10 | 1000V VDE INSULATING WEDGE, LARGE SIZE WITH IMPACT RESISTANT HEAD |

LV ABC WEDGE

During the installation of connectors the phase conductors of an insulated overhead cable can be separated by using wedges. The wedge can also be used when installing suspension clamps. The wedges can be left on the cable even after the installation.



| Cat No. | Description | Weight (g) | Package (pcs) |
|---------|--------------------|------------|---------------|
| PHS | TWO PLASTIC WEDGES | 100 | 10 |

CABLE CORE GUARD HAMSTER

The ISO Cable core guard hamster is used to provide separation between a cable core which is being cut and neighbouring cores. It eliminates the chance of the other cores being cut unintentionally. 23mm nominal lift.



| Cat No. | Description |
|-------------|--------------------------|
| IT/120-CG1C | CABLE CORE GUARD HAMSTER |

MASTIC POSITION TOOL



| Cat No. | Description |
|-------------|--|
| IT-1000-003 | MASTIC POSITION TOOL FOR POSITIONING MASTIC EXACTLY WHERE IT NEEDS TO BE IN RAYCHEM JOINTS |



CABLE TIE & BAND STRAP TOOLS

CABLE TIE TENSIONERS



#116/1

FEATURES

- Manual cut off
- Suitable for all stainless steel cable ties



CTTT

FEATURES

- Automatically tensions and cuts stainless steel cable ties in one operation
- Adjustable tension for standard and heavy duty ties
- Low friction to ensure reduced effort and fatigue

| Cat No. | Description |
|---------|---------------------|
| #116/1 | CABLE TIE TENSIONER |

| Cat No. | Description |
|---------|-------------------------------|
| CTTT | AUTOMATIC CABLE TIE TENSIONER |

BAND STRAP TOOLS & ACCESSORIES

Tensions and secures band strap in place when buckle is applied. Manufactured from high tensile steel. Features machine threaded tensioning screw. One tool for all widths.



| Cat No. | Description |
|----------|----------------------------|
| #46-TOOL | BAND STRAP TENSIONING TOOL |



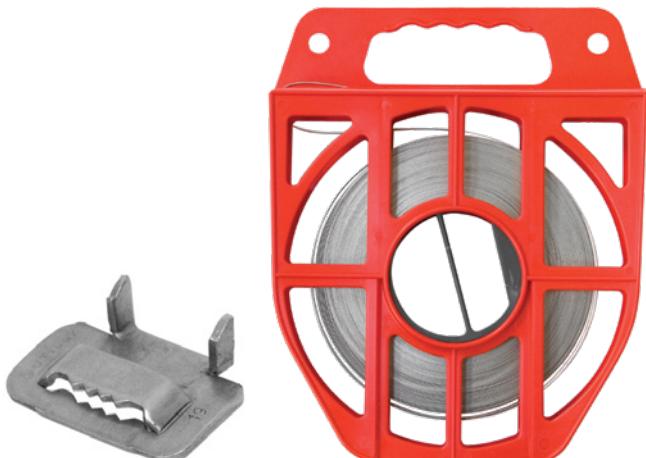
STAINLESS STEEL BAND STRAP & BUCKLES

Utilux band straps and buckles are versatile, durable and easy to use. Made of stainless steel to minimise corrosion, there are four sizes available to cover a range of application.

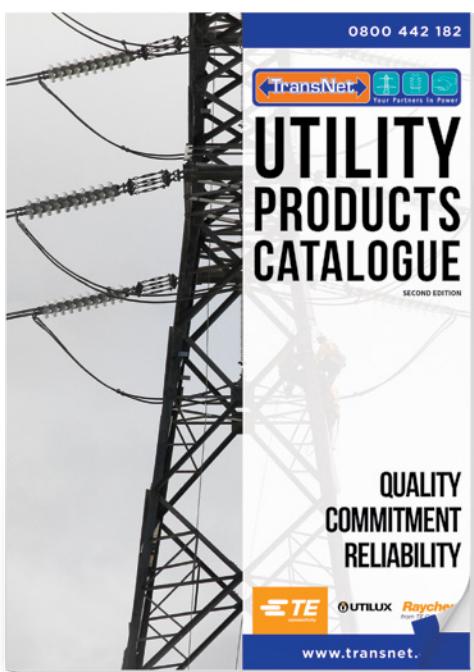
Strap is supplied in 30m dispensers and buckles in packs of 100.

FEATURES

- Versatile
- Durable
- Easy to handle
- Cost effective
- Stainless steel minimising corrosion
- Width: 10, 12.7, 16, 19mm
- Supplied in dispensers of 30m



| Cat No. | Type | Pack Size | Band Strap Width (mm) | Tooling |
|-------------|------------|-----------|-----------------------|---------|
| H3013M-30-1 | BAND STRAP | 30M | 9.5 | #46 |
| H3001-100 | BUCKLES | 100 | TO FIT 9.5MM | #46 |
| H3016M-30-1 | BAND STRAP | 30M | 12.7 | #46 |
| H300\$-100 | BUCKLES | 100 | TO FIT 12.7MM | #46 |
| H3019M-30-1 | BAND STRAP | 30M | 16 | #46 |
| H3007-100 | BUCKLES | 100 | TO FIT 16MM | #46 |
| H3022M-30-1 | BAND STRAP | 30M | 19 | #46 |
| H3010-100 | BUCKLES | 100 | TO FIT 19MM | #46 |



TransNet Utility Products Catalogue
Second Edition available now.



CABLE & WIRE STRIPPERS

AUTOMATIC SELF-ADJUSTING WIRE STRIPPERS



| Cat No. | Wire Size | Features |
|---------|----------------------|---|
| #118/1 | 0.2-6MM ² | SELF ADJUSTING AUTO WIRE STRIPPER & WIRE CUTTER |

| Cat No. | Wire Size | Features |
|---------|------------------------|---|
| #90/1 | 0.13-6 MM ² | LOW COST SELF ADJUSTING WIRE STRIPPER WITH BUILT IN CRIMPER & WIRE CUTTER & DEPTH GAUGE |



FEATURES

- Made from lightweight fibreglass reinforced polyamide
- Strips single, multiple, and fine wire
- Automatic self-adjusting blade adjustment
- Adjustable stripping guide for repetitive stripping
- Wire cutter

FEATURES

- Made from lightweight fibreglass reinforced polyamide
- Strips single, multiple, and fine wire
- Automatic self-adjusting blade adjustment
- Adjustable stripping guide for repetitive stripping
- Wire cutter
- Ergonomic 2-component handle design

| Cat No. | Capacity (mm ²) Stripper | Capacity (mm ²) Cutter | Features | Length (mm) |
|---------|---|---------------------------------------|---|----------------|
| 210695 | 0.2-6.0 | UP TO 2.5 | AUTOMATIC SELF ADJUSTING, WIRE CUTTER | 170 |

| Cat No. | Capacity (mm ²) Stripper | Capacity (mm ²) Cutter | Features | Length (mm) |
|---------|---|---------------------------------------|--|----------------|
| 210696 | 0.2-6.0 | UP TO 2.5 | AUTOMATIC SELF ADJUSTING, WIRE CUTTER, ERGONOMIC 2-COMPONENT HANDLE DESIGN | 180 |



AUTOMATIC WIRE STRIPPERS

These models feature robust metal body and comfort grip PVC handles. Damage free cable stripping. Also suitable for fibre optic cables.



| Cat No. | Description | Capacity (mm ²) | Length (mm) |
|---------|-------------------------|-----------------------------|-------------|
| 210691 | AUTOMATIC WIRE STRIPPER | 0.5-2 | 165 |
| 210692 | AUTOMATIC WIRE STRIPPER | 1.0-4 | 165 |

ADJUSTABLE CABLE STRIPPERS

Cable strippers for splitting the outer sheath and stripping conductors on round cables. Blades are titanium nitride coated for long life. These strippers feature a slip free 2-component polyamide handle.



200040



200042

FEATURES

- Stripping Capacity: 4 - 70mm dia round cable. 167mm long handle
- Two blades: One for stripping the outer sheath and stripping conductors on round cables and the other blade is an end-on cable stripping knife system with automatic blade protection
- Five interchangeable stripping guide brackets for popular round cables
- Cable guides: 4 - 16mm, 8 - 28mm, 27 - 35mm, 35 - 50mm and 50 - 70mm
- Adjustable End Hook Blade: 4 levels of depth adjustment, 2.8, 3.4, 4.0, 4.6mm cutting depth
- Supplied with additional spare cutting blade and shockproof storage box
- Blades are titanium nitride coated for long life. Slip free 2-component polyamide handle



| Cat No. | Features |
|---------|---------------------------------------|
| 201054 | 6PC DUAL BLADE CABLE STRIPPER PRO SET |



0800 442 182

TransNet Your Partners in Power

UTILITY PRODUCTS CATALOGUE
SECOND EDITION

QUALITY
COMMITMENT
RELIABILITY

TE connectivity **UTILUX** **Raychem** from TE Connectivity

www.transnet.co.za

TransNet Utility Products Catalogue
Second Edition available now.



GENERAL PURPOSE COMBINATION TOOLS

#76B/1

Non-ratchet pliers for pre-insulated and un-insulated terminals. Includes wire cutting and stripping positions.

| Cat No. | Range (mm ²) | Crimp Type | Length (mm) | Weight (g) |
|---------|--------------------------|--|-------------|------------|
| #76B/1 | 0.5-4.0 | PRE-INSULATED, OVAL UN-INSULATED, INDENT | 203 | 250 |



#61/1

Non-ratchet pliers for open barrel, roll-in crimp type terminals such as H1972. Features a built in wire stripper and cutter.

| Cat No. | Range (mm ²) | Crimp Type | Length (mm) | Weight (g) |
|---------|--------------------------|-----------------------------------|-------------|------------|
| #61/1 | 0.75-2.1 | ROLL-IN FOR OPEN BARREL TERMINALS | 210 | 230 |



#147A/1

Non-ratchet pliers for micro and flag QC open barrel terminals. Features a built-in wire stripper and cutter.

| Cat No. | Crimp Type | Length (mm) | Weight (g) |
|---------|-----------------------------------|-------------|------------|
| #147A/1 | ROLL-IN FOR OPEN BARREL TERMINALS | 210 | 230 |



TERMINAL CRIMP TOOLS

#102/1

Ratchet type tool for pre-insulated and supergrip terminals. The ratchet ensures a complete crimp every time. A must-have tool for every tradesman.

| Cat No. | Range (mm ²) | Crimp Type | Length (mm) | Weight (g) |
|---------|----------------------------|--|-------------|------------|
| #102/1 | 0.5-5.5 RED, BLUE & YELLOW | OVAL ON CONDUCTOR/ DIAMOND ON INSULATION | 230 | 550 |



#102B/1

Low cost brass terminal crimper. The crimp achieved is a roll crimp, which supports the insulation and crimps the wire. Not suitable for flag terminals.

| Cat No. | Range (mm ²) | Length (mm) | Weight (g) |
|---------|--------------------------|-------------|------------|
| #102B/1 | 0.75-6 | 230 | 500 |





#102U/1

Ratchet type tool for un-insulated terminals. The ratchet ensures a complete crimp every time. A must-have tool for every tradesman.



| Cat No. | Range (mm ²) | Crimp Type | Length (mm) | Weight (g) |
|---------|--------------------------|------------|-------------|------------|
| #102U/1 | 0.5-10 | INDENT | 230 | 550 |

BOOTLACE CRIMP TOOLS

#113/1

Non-ratchet pliers for bootlace ferrules. Simple and robust.



#112/1

Low cost tool with a huge crimp range for bootlace ferrules. Ratchet control for crimp consistency, the ratchet is adjustable to compensate for tool wear.



#114/1

Ergonomically designed ratchet type tool for bootlace ferrules. The ratchet ensures a complete crimp every time.



DIE-LESS BOOTLACE FERRULE CRIMPER

Features unique crimp action, which automatically crimps a range of terminal sizes. Insert the wire and ferrule, and the tool self-adjusts and crimps. Ratchet control for crimp consistency.



| Cat No. | Range (mm ²) |
|---------|--------------------------|
| SABC6 | 0.25-6 |
| SABC10 | 0.75-10 |
| SABC16 | 4-16 |



COPPER LUG & LINK CRIMP TOOLS

#00/1

General purpose pliers for un-insulated Copper lugs and links (CG & CK series). Simple and robust. A must-have for every tradesman.



#103/1

Ergonomically designed ratchet type tool for un-insulated Copper lugs and links (CG & CK series). The ratchet ensures a complete crimp every time.



| Cat No. | Range (mm ²) | Crimp Type | Length (mm) | Weight (g) |
|---------|--------------------------|------------|-------------|------------|
| #103/1 | 0.5-16 | INDENT | 230 | 550 |

HAND OPERATED CRIMP TOOLS

#16B/1

Ratchet type tool for un-insulated Copper lugs (CG series). The long handles require less crimping effort.

- RANGE: 0.5 – 10mm²
- CRIMP TYPE: INDENT
- LENGTH: 250mm
- WEIGHT: 700g



| Cat No. | Description |
|---------|---|
| #16B/1 | RATCHET TYPE TOOL 0.5-10MM ² |



#24/1

Ratchet type tool for un-insulated Copper lugs and links (CG and CK series).

- RANGE: 6 – 25mm²
- CRIMP TYPE: INDENT
- LENGTH: 285mm
- WEIGHT: 550g



| Cat No. | Description |
|---------|---------------------------------------|
| #24/1 | RATCHET TYPE TOOL 6-25MM ² |

#21/1

Hand operated, mechanical lever tool for Copper lugs and links (CG and CK series).

Features built in, selectable crimp die set for a range of lug and link sizes.

- RANGE: 6mm² – 50mm²
- CRIMP TYPE: HEXAGONAL
- LENGTH: 410mm
- WEIGHT: 1.4kg



| Cat No. | Description |
|---------|---|
| #21/1 | HAND OPERATED MECHANICAL LEVER TOOL 6-50MM ² |

#22/1

Hand operated, mechanical lever tool for Copper lugs and links (CG and CK series).

Features built in, selectable crimp die set for a range of lug and link sizes.

- RANGE: 6mm² – 120mm²
- CRIMP TYPE: HEXAGONAL
- LENGTH: 670mm
- WEIGHT: 3.9kg



| Cat No. | Description |
|---------|--|
| #22/1 | HAND OPERATED MECHANICAL LEVER TOOL 6-120MM ² |

UTILUX MS-TELECOM SLEEVE CRIMP TOOL

Available in various crimp groove size combinations. The complete range is adjustable and robust. All models are supplied complete with adjusting key and “Go, No Go” gauge to ensure a perfect crimp every time.

- Designed for use with Utilux MS – Telecom sleeves



| Cat No. | Crimp Groove Sizes (mm) |
|------------|-------------------------|
| TY635794/1 | 6.35 & 7.94 |
| TR794952 | 7.94 & 9.52 |
| TR9521270 | 9.52 & 12.70 |



CRIMPING DIES

Utilux crimping dies for Aluminium and Copper connectors are precision engineered from EN26 high tensile steel, oil hardened to 50-52 Rockwell C, ensuring long life and minimal die wear. Each hexagon die set is engraved with 'Utilux' on one of the die faces, and the die part number on the other,

DIE HOLDERS

- Available on request
- Special die holders are available that allow the use of '38' series dies in the #408 tool.

THE RANGE OF DIES INCLUDES

- Hexagonal die sets for precision crimping of Copper and Aluminium connectors
- Nest and indent die sets for special Aluminium applications
- Special 'steel' dies for crimping steel sleeves

leaving an indent on the crimp for easy inspection and verification. The selection of the die type required depends on the connector to be crimped, and the tool to be used. Special size dies made to order.



HEXAGONAL CRIMP DIES - COPPER

| Cat No. | Copper Conductor Size (mm ²) | Copper Die A/F (mm) |
|------------|--|---------------------|
| 1#38-44CU | 6 | 4.4 |
| 1#38-57CU | 10 | 5.7 |
| 1#38-63CU | 16 | 6.3 |
| 1#38-70CU | 20 | 7.0 |
| 1#38-77CU | 25 | 7.7 |
| 1#38-92CU | 35 | 9.2 |
| 1#38-104CU | 50 | 10.4 |
| 1#38-115CU | 70 | 11.5 |
| 1#38-142CU | 95 | 14.2 |
| 1#38-165CU | 120 | 16.5 |
| 1#38-183CU | 150 | 18.3 |
| 1#38-200CU | 185 | 20.0 |
| 1#38-231CU | 240 | 23.1 |
| 1#38-260CU | 300 | 26.0 |



HEXAGONAL CRIMP DIES - ALUMINIUM

| Cat No. | Aluminium Conductor Size (mm ²) | Aluminium Die A/F (mm) |
|------------|---|------------------------|
| 1#38-90AL | 6-35 | 9.0 |
| 1#38-132AL | 50-70 | 13.2 |
| 1#38-173AL | 95-120 | 17.3 |
| 1#38-220AL | 150-185 | 22.0 |
| 1#38-284AL | 240-300 | 28.4 |





HEXAGONAL CRIMP DIES - ALUMINIUM OVERHEAD LINKS

| Cat No. | To Crimp Link # | Aluminium Die A/F (mm) |
|-----------|-----------------|------------------------|
| HT-A2 | 2 | 9.6 |
| HT-A3 | 3 | 12.40 |
| HT-A4 | 4 | 13.75 |
| HT-A5 | 5 | 17.90 |
| HT-A6 | 6 | 22.00 |
| HT-A7 | 7 | 25.40 |
| HT-A8 | 8 | 28.20 |
| HT-A9 | 9 | 32.20 |
| HT-TRIDIE | TRIDIE | 32.20 |



HEXAGONAL CRIMP DIES - HALF HEX (FOR FLEXIBLE CABLES)

| Cat No. | Hex Die | Flat Die | Conductor Size (mm ²) |
|------------------|--------------|---------------|-----------------------------------|
| 1#38-98HHEX17/1 | 1#38-98CU/1 | | 16 |
| 1#38-122HHEX17/1 | 1#38-122CU/1 | | 25 |
| 1#38-130HHEX17/1 | 1#38-130CU/1 | 1#38-FLAT17/1 | 35 |
| 1#38-153HHEX17/1 | 1#38-153CU/1 | | 50 |
| 1#38-183HHEX14/1 | 1#38-183CU/1 | | 70 |
| 1#38-220HHEX14/1 | 1#38-220CU/1 | 1#38-FLAT14/1 | 95 |
| 1#38-245HHEX14/1 | 1#38-245CU/1 | | 120 |

Note: Flat dies are available individually. For anything larger than 120mm² please contact customer services.



CRIMP DIES - 'C' CONNECTORS

| Cat No. | Cable Range (mm ²) |
|------------|--------------------------------|
| ZT20DIE/1 | 14-20 |
| ZT60DIE/1 | 45-60 |
| ZT190DIE/1 | 155-190 |
| ZT288DIE/1 | 241-288 |
| ZT365DIE/1 | 289-365 |





HEXAGONAL CRIMP DIES - COPPER & ALUMINIUM

| Cat No. | Conductor | Size (mm ²) | Aluminium Die A/F (mm) |
|------------|-----------|-------------------------|------------------------|
| 1#40-130CU | COPPER | 70 | 13.0 |
| 1#40-142CU | | 95 | 14.2 |
| 1#40-165CU | | 120 | 16.5 |
| 1#40-185CU | | 150 | 18.5 |
| 1#40-200CU | | 185 | 20.0 |
| 1#40-231CU | | 240 | 23.1 |
| 1#40-260CU | | 300 | 26.0 |
| 1#40-281CU | | 400 | 28.1 |
| 1#40-310CU | | 500 | 31.0 |
| 1#40-370CU | | 630 | 37.0 |
| 1#40-432CU | | 800 | 43.2 |
| 1#40-480CU | | 1000 | 48.0 |
| 1#40-172AL | ALUMINIUM | 95, 120 | 17.2 |
| 1#40-220AL | | 150, 185 | 22.0 |
| 1#40-283AL | | 240, 300 | 28.3 |
| 1#40-390AL | | 400, 500 | 39.0 |
| 1#40-432AL | | 630 | 43.2 |



HYDRAULIC CRIMP TOOLS

HYCP-4413

12T hand operated large head compression tool. Durable, lightweight fibreglass handles, automatic pressure conversion and operating motion, rotating head and two stage hydraulic system make this tool faster and easier to use. Comes complete with a sturdy carry case and accepts standard 12T shell dies.

- JAW SIZE: 44mm
- RANGE: Up to 400mm²
- LENGTH: 641mm
- WEIGHT: 7.6kg



216622

12T battery operated large head compression tool. Pistol grip design and rotating head make crimping a breeze. Comes complete with 1 charger, 2 rechargeable battery, 1 carry strap in a sturdy plastic case. Different coloured LEDs show whether the crimp has been completed successfully or which error has occurred. Device also has 2 white LEDs designed to illuminate the working area. Accepts standard 12T shell dies.

- JAW SIZE: 42mm
- RANGE: Up to 400mm² Standard
- DIMENSIONS: 430mm x 340mm x 75mm
- WEIGHT: 13kg



| Cat No. | Description |
|---------|---|
| 216622 | 12T BATTERY OPERATED LARGE HEAD CRIMP TOOL, 2 x BATTERIES |



HAUPA CHROME PLIERS

These Haupa pliers are made with Alloyed carbon steel, forged and annealed, for a high leverage, perfected cutting force. The handles are made from a 2-component non-slip, thermoplastic elastomer grip for greater hand protection and comfort.

COMBINATION PLIERS



210052



210054

| Cat No. | Capacity (mm) | | Description | Length (mm) |
|---------|---------------|-----------|--------------------|-------------|
| | Soft Wire | Hard Wire | | |
| 210052 | 4.0 | 2.0 | COMBINATION PLIERS | 165 |
| 210053 | 4.0 | 2.2 | COMBINATION PLIERS | 185 |
| 210054 | 4.2 | 2.5 | COMBINATION PLIERS | 205 |

LONG NOSE PLIERS



210394



210396

| Cat No. | Description | Length (mm) |
|---------|--|-------------|
| | LONG NOSE PLIERS. SLENDER SERRATED JAW, NUT GRIP & WIRE CUTTER | |
| 210394 | LONG NOSE PLIERS. SLENDER SERRATED JAW, NUT GRIP & WIRE CUTTER | 170 |
| 210396 | LONG NOSE PLIERS. SLENDER SERRATED JAW, NUT GRIP & WIRE CUTTER | 200 |

DIAGONAL CUTTING PLIERS



| Cat No. | Capacity (mm) | | Description | Length (mm) |
|---------|---------------|-----------|---------------------------------------|-------------|
| | Soft Wire | Hard Wire | | |
| 210158 | 4.2 | 3.0 | HIGH LEVERAGE DIAGONAL CUTTING PLIERS | 200 |

WATER PUMP PLIERS

Made from Chrome vanadium steel, forged and annealed. Curved profiled jaw to grip round, hex, flat, square stock etc. PVC dipped handles with push button quick adjustment.



210616



210584

| Cat No. | Capacity (mm) | Features | Length (mm) |
|---------|---------------|---|-------------|
| 210616 | UP TO 45MM | PUSH BUTTON QUICK ADJUSTMENT | 170 |
| 210617 | UP TO 52MM | PUSH BUTTON QUICK ADJUSTMENT | 240 |
| 210618 | UP TO 70MM | PUSH BUTTON QUICK ADJUSTMENT | 300 |
| 210584 | UP TO 52MM | SLIP JAW PLIER, 2-COMPONENT COMFORT GRIP HANDLE | 240 |



PRECISION PLIERS

PRECISION DIAGONAL CUTTER



KP7742115

PLASTIC CUTTING PLIERS



KP7742130

These diagonal cutting pliers are flush cut with a pointed head design for working in confined spaces. Featuring box joint hinges with mirror polished heads and 2-component handles with leaf springs.

| Cat No. | Description | Capacity (mm) | |
|-----------|------------------------------|---------------|------------------|
| | | Soft Wire | Medium Hard Wire |
| KP7742115 | 115MM DIAGONAL CUTTING PLIER | 0.3-1.3 DIA. | 0.8 |
| KP7742130 | 130MM DIAGONAL CUTTING PLIER | 0.3-1.6 DIA. | 1.3 |

MICROELECTRONIC SIDE CUTTER

FEATURES

- 21° flush cut
- 2-component soft grip handles
- Suitable for soft wires up to 1.3mm²



| Cat No. | Description |
|---------|-----------------------------|
| 211720 | 132MM MICROELECTRONIC SHEAR |

PLASTIC CUTTING PLIERS

FEATURES

- Full flush cut - for cutting plastic only
- Flush ground with relieved cutting face for flush cutting cable ties, plastic sprues etc.
- Spring loaded, PVC dipped handles



| Cat No. | Description |
|---------|-------------------------------|
| MTC21 | 125MM DIAGONAL CUTTING PLIERS |



CHROME SCREWDRIVERS & BITS

RATCHETING SCREWDRIVER SET

FEATURES

- 58 piece set
- Interchangeable driver bits
- 1/4" Hex flex head ratchet driver handle
- 25mm long screwdriver bits
- Handy storage case included



| Cat No. | Description |
|---------|------------------------------|
| 104006 | 58PC RATCHET SCREWDRIVER SET |

PRECISION SCREWDRIVER SETS



104010



104002

KIT CONTENTS

- 4 x slotted screwdrivers 1.6, 2.0, 2.4, 3.0mm
- 3 x Phillips screwdrivers 00, 0, 1
- Plastic storage case

| Cat No. | Description |
|---------|------------------------------------|
| 104010 | 7PC ELECTRONIC ESD SCREWDRIVER SET |

KIT CONTENTS

- 30 x bits – Slotted, Phillips, Pozidrive, Torx, Hex & Nut drivers
- Plastic storage case

| Cat No. | Description |
|---------|---|
| 104002 | 34PC MINI SCREWDRIVER SET WITH INTERCHANGEABLE SCREWDRIVER BITS |



FILING & CUTTING

FILE SETS



SV4733



NFS6

Cat No.

Description

SV4733

3PC 8" – 200MM FILE SET FLAT, 1/2 ROUND, ROUND

NFS6

6PC 160MM NEEDLE FILE SET, INCLUDING KNIFE, ROUND, HALF ROUND, SQUARE, TRIANGLE & FLAT FILES

SCISSORS



Cat No.

Description

200155

SOFTGRIP SCISSOR 140MM, STAINLESS STEEL BLADES. COMPLETE WITH CABLE STRIPPING DEVICE

SNIPS



MW6716S



G245-300

Cat No.

Description

Length (mm)

MW6716S

AVIATION SNIP, COMPOUND CUTTING ACTION. CUTS LEFT, RIGHT AND STRAIGHT

245

G245-300

TINMAN'S SNIPS

300

CONDUIT CUTTERS



CC32



CC42

Cat No.

Description

CC32

32MM OD CONDUIT & PVC DUCT CUTTER WITH RATCHET ACTION. SUPPLIED WITH FLAT BED ATTACHMENT FOR CUTTING DUCT

CC42

42MM OD CONDUIT & PVC DUCT CUTTER WITH RATCHET ACTION. SUPPLIED WITH STAINLESS STEEL CUTTING BLADE



HACKSAWS



200285



200304



TNHS

| Cat No. | Description |
|---------|---|
| 200285 | 250MM PISTOL HANDLE JUNIOR HACKSAW. 150MM LONG BLADE |
| 200304 | LIGHTWEIGHT HIGH TENSION HACKSAW. D-HANDLE FRAME . 300MM BLADE LENGTH |
| TNHS | FULL FRAME HIGH TENSION HACKSAW. BOX SECTION FRAME |
| 200288 | 150MM JUNIOR HACKSAW REPLACEMENT BLADES - 12PK |
| 200310 | 300MM HACKSAW REPLACEMENT BLADES. HSS BI-METAL BLADE. 24TPI |

HANDSAW



| Cat No. | Description |
|---------|--|
| SV228 | 550MM X 8PT HARDPOINT HANDSAW. COMFORT GRIP HANDLE |

BOLT CUTTERS



| Cat No. | Description | High Tensile Capacity (mm) |
|------------|----------------------------------|----------------------------|
| TNHHBC600 | 600MM HIGH LEVERAGE BOLT CUTTER | 7.0 |
| TNHHBC750 | 750MM HIGH LEVERAGE BOLT CUTTER | 8.0 |
| TNHHBC900 | 900MM HIGH LEVERAGE BOLT CUTTER | 9.0 |
| TNHHBC1050 | 1050MM HIGH LEVERAGE BOLT CUTTER | 10.0 |



DIGGING & DEMOLITION

POST HOLE DIGGER & SPADES



PHD

FEATURES

- Heavy duty blades
- 1.2m long wooden handles
- 160mm spread
- Made in the USA



DSPADE

FEATURES

- Wooden D-handle
- Tapered blade design
- 405x165x105mm blade, 710mm long



GSPADE

FEATURES

- Foot tread
- Wooden D-handle
- 190x290mm blade, 710mm long

| Cat No. | Description |
|---------|---------------------------|
| PHD | HERCULES POST HOLE DIGGER |

| Cat No. | Description |
|---------|------------------------------|
| DSPADE | TUBULAR STEEL DRAINING SPADE |

| Cat No. | Description |
|---------|----------------------------|
| GSPADE | TUBULAR STEEL GARDEN SPADE |



SHOVELS

Fibreglass handles absorb impact and won't rot or splinter.



TW7110



TW7020



TW7120



TW7310



TW7410



TW7510

YARD BROOM



YARDB



RAKE



RAKES

| Cat No. | Description |
|---------|---|
| YARDB | HARD BRISTLED YARD BROOM, COMPLETE WITH LONG HANDLE WOODEN HANDLE, 355MM WIDE |

| Cat No. | Description |
|---------|---|
| RAKES | 14T STEEL PRESSED RAKE, BRACED HEAD AND WOODEN HANDLE |



WRECKING & DIGGING BARS



NB375



WB24

| Cat No. | Description |
|---------|--|
| NB375 | 375MM NAIL BAR, CHISEL AND PRY BAR ENDS. IDEAL FOR LIFTING AND PRYING |
| WB24 | 24" 600MM WRECKING BAR. OCTAGONAL SECTION BAR WITH BENT CLAW AND BENT CHISEL END |

HEAVY DUTY DIGGING BAR



FEATURES

- Point and chisel ends
- High carbon steel
- Heat treated for strength

| Cat No. | Description |
|---------|---|
| DB1800 | HEAVY DUTY DIGGING BAR, 1750MM X 30MM HEX STOCK |

Get the latest information from our website



Test Reports • Datasheets • Catalogues

www.transnet.co.nz



GAS SETS

STANDARD PROPANE GAS TORCH SETS



GASSETSTD

The basic Raychem gas torch set features a plastic composite single valve handle with high quality brass metal parts. Suitable for rapid installation of heat-shrinkable materials this set offers maximum burning efficiency and the best available balance of surface pre-heat. All system components are fully compatible.

CONTENTS

- FH-1630-S-HNZ handle
 - Spindle and valve give very exact & quick flame setting
 - Springloaded metal knob gives precise and stable setting for finest of flames
 - All metal parts made of high quality brass
- 5m long high pressure hose
 - Screw connections for regulator & handles
 - Connection threads: R 3/8", left
 - Internal diameter 4mm
- BN38 38mm nozzle
 - Flame diameter 38mm
 - Gas consumption 0.90kg/h



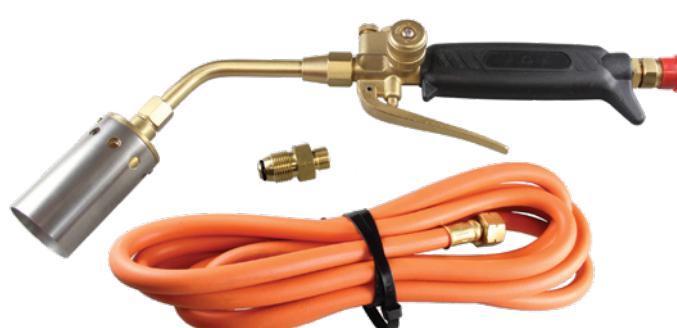
GASSETPIEZO

Featuring the patented Piezo electric ignition, universal handle, advanced design, and ergonomic appearance, the Promatic is a world-beating system for all possible heating tasks where efficiency and professional workmanship are the most important requirements.

CONTENTS

- Piezo handle
 - Operates with propane and butane gases
 - Gas flow when trigger pressed only
 - Nozzle connection: bayonet socket
- 5m long high pressure hose
 - Screw connections for regulator & handles
 - Connection threads: R 3/8", left
 - Internal diameter 4mm
- BN38 PIE 38mm nozzle
 - Flame diameter 38mm
 - Gas consumption 0.90kg/h

| Cat No. | Description |
|----------------|---|
| GASSETSTD | GAS TORCH - BASIC SET INCLUDING HANDLE, HOSE, & NOZZLE |
| GASSETPIEZO | GAS TORCH - BASIC PROMATIC SET INCLUDING PIEZO HANDLE, HOSE, & NOZZLE |



| Cat No. | Description |
|----------------|--|
| XG-PH01-8A | PROPANE GAS TORCH COMPLETE WITH FITTINGS AND 3M HOSE |



PREMIUM PROPANE GAS TORCH SET

Featuring the patented Piezo electric ignition, universal handle, advanced design, and ergonomic appearance, the Promatic is a world-beating system for all possible heating tasks where efficiency and professional workmanship are the most important requirements.

CONTENTS

- Piezo handle
 - Operates with propane & butane gases
 - Gas flow when trigger pressed only
 - Nozzle connection: bayonet socket
- 5m long high pressure hose
 - Screw connections for regulator & handles
 - Connection threads: R 3/8", left
 - Internal diameter 4mm
- Nozzles x 4
 - Flame diameters 18mm, 28mm, 38mm & 50mm
- Regulator x 1
- Cut off valve x 1
- Raychem carry case



| Cat No. | Description |
|------------------|---|
| GASSETJOINTERPRO | PROMATIC JOINTERS GAS SET INCLUDING PIEZO HANDLE, HOSE, NOZZLES X4, REGULATOR, CUT OFF VALVE & CARRY CASE |



GAS ACCESSORIES



REGULATOR



TNFL3

FEATURES

- Suitable for propane gas bottles from 5kg to 11kg
- Gas bottle connection
- W20 x 1/4" LH POL
- Gas flow: max 6 kg/h
- Constant pressure: 2 bar

FEATURES

- Rotatable triple flint
- Spring tension arm to generate an even spark and flint wear

| Cat No. | Description |
|-----------|-------------------|
| REGULATOR | GAS SET REGULATOR |
| TNFL3 | GAS FLINT STRIKER |

GAS BOTTLES



CYL4.0QC



CYL9.0QC

| Cat No. | Description |
|----------|------------------------|
| CYL4.0QC | GAS BOTTLE 4KG - EMPTY |
| CYL9.0QC | GAS BOTTLE 9KG - EMPTY |



GENERAL OR MISCELLANEOUS TOOLS

RATCHET ACTION CAULKING GUN

FEATURES

- Superior performance with precise sealant feed
- Capacity up to 425ml cartridges



| Cat No. | Features |
|---------|-----------------------------|
| CG | RATCHET ACTION CAULKING GUN |

GREASE GUN

FEATURES

- Heavy duty lever action
- 150mm steel extension with 4 jaw coupler with ball valve
- Can be bulk filled or will take a 450g cartridge
- Develops 10,000PSI/690Bar



| Cat No. | Description |
|---------|-------------|
| GG | GREASE GUN |

RIVET PLIER KIT

FEATURES

- Long nose with interchangeable nozzles
- 2.4, 3, 4, & 5mm dia. for blind rivets, aluminium, copper or steel
- 100pc assorted aluminium rivets
- Storage case included



| Cat No. | Features |
|---------|-----------------|
| 210776 | RIVET PLIER KIT |

LOCKING PLIERS



| Cat No. | Description | Features | Length |
|---------|---------------|-----------------------------|-----------|
| TNVG7 | LOCKING PLIER | CURVED JAW WITH WIRE CUTTER | 7"/175MM |
| TNVG10 | | | 10"/250MM |

FOOTPRINT WRENCH



| Cat No. | Description | Features | Length |
|---------|-----------------------------|--|----------|
| FOOTY | FOOTPRINT THUMB-TURN WRENCH | THUMBTURN JAW ADJUSTMENT WITH AGGRESSIVE JAW PATTERN | 9"/225MM |



CABLE PULLING DEVICE

FEATURES

- Fitted with M5 thread & additional pilot pulling spring
- Low friction, highly elastic probe that won't break or bend
- Durable impact resistant plastic housing
- Breaking load 350kg



| Cat No. | Description |
|---------|--------------------------|
| 143504 | 20M CABLE PULLING DEVICE |

WIRE BRUSHES



TNSC1082



21422



| Cat No. | Features |
|----------|--|
| TNSC1802 | 5 ROW STEEL HAND BRUSH, CURVED WOODEN HANDLE. |
| 21422 | 4 ROW STAINLESS STEEL WIRE BRUSH. COMFORT GRIP PLASTIC HANDLE. NZ MADE |

HAMMERS, PUNCHES & CHISELS

PUNCHES



180120



TNACP

| Cat No. | Description | Size |
|---------|--|------------|
| 180120 | CENTRE PUNCH, OCTAGONAL SHANK BODY | 12 x 120MM |
| TNACP | AUTO CENTRE PUNCH, ADJUSTABLE TENSION AND NO HAMMER REQUIRED, BRASS BODY | 17 x 145MM |



CHISELS



BCL



BCW

| Cat No. | Description | Size |
|---------|--------------------------------|------------|
| BCL | BOLSTER CHISEL WITH HAND GUARD | 25 x 200MM |
| BCW | BOLSTER CHISEL WITH HAND GUARD | 75 x 225MM |

SOFT FACED HAMMERS



180334



RM32

| Cat No. | Description | Size |
|---------|--|------|
| 180334 | 32MM PLASTIC SOFT FACED HAMMER, NON- MARRING FACES, HICKORY HANDLE | 12OZ |
| 180346 | 32MM REPLACEMENT FACES FOR 180334 | - |
| RM32 | RUBBER MALLET - WOODEN HANDLE | 32OZ |

BALL PEIN HAMMERS



| Cat No. | Description | Size |
|---------|----------------------------------|------|
| 180274 | BALL PEIN HAMMER - WOODEN HANDLE | 12OZ |
| BPH16 | BALL PEIN HAMMER - WOODEN HANDLE | 16OZ |
| BPH24 | BALL PEIN HAMMER - WOODEN HANDLE | 24OZ |



CLAW HAMMERS



| Cat No. | Description | Size |
|---------|---|------|
| 180323 | CLAW HAMMER, FIBREGLASS HANDLE WITH RUBBER GRIP | 16OZ |
| TWACH20 | CLAW HAMMER, FIBREGLASS HANDLE WITH RUBBER GRIP | 20OZ |

CLUB HAMMERS



180302



TNCH4LB

| Cat No. | Description | Size |
|---------|--|------|
| 180302 | CLUB HAMMER WITH POLISHED FACES. HICKORY HANDLE | 3LB |
| TNCH4LB | CLUB HAMMER WITH POLISHED FACES. 400MM LONG HICKORY HANDLE | 4LB |

SLEDGEHAMMERS

FEATURES

- Fibreglass handles absorb impact, won't splinter or rot
- Forged heads
- Handle lengths 850mm



| Cat No. | Description | Size |
|---------|----------------------------------|------|
| SH8 | SELDGEHAMMER WITH POLISHED FACES | 8LB |
| SH10 | SELDGEHAMMER WITH POLISHED FACES | 10LB |
| SH12 | SELDGEHAMMER WITH POLISHED FACES | 12LB |

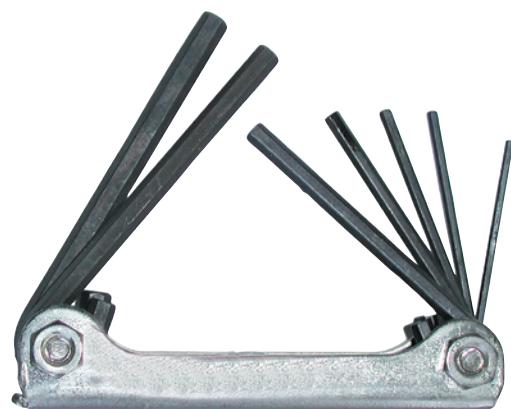


HEX, TORX, & CABINET KEYS

HEX KEY SETS

FEATURES

- 7 piece sets
- Fold out blades
- Metric and imperial keys available



| Cat No. | Sizes | System | Type |
|---------|---|----------|---|
| 100634 | 2.5, 3, 4, 5, 6, 8, 10MM | METRIC | |
| 100636 | 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8" AF | IMPERIAL |  |

LONG SERIES BALL ENDED HEX KEY SETS

FEATURES

- Supplied in plastic holders
- Metric and imperial keys available
- EK13222 made from alloy steel & made in USA



HEX-M



HEX-I

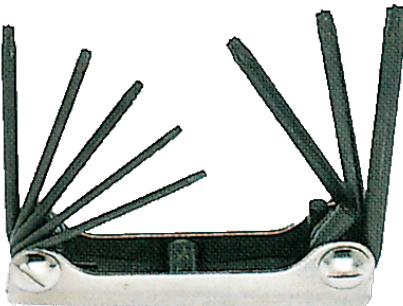


EK13222

| Cat No. | Description | System | Type |
|---------|--|-------------------|---|
| HEX-M | 9PC SET - 1.5, 2, 2.5, 3, 4, 5, 6, 8, AND 10MM KEYS | METRIC | |
| HEX-I | 9PC SET - .050", 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"AF KEYS | IMPERIAL |  |
| EK13222 | 9PC METRIC SET - 1.5MM - 10MM + 13PC IMPERIAL SET .050" - 3/8"AF | METRIC & IMPERIAL | |



TORX KEY SETS



SET CONTAINS

- TX9, 10, 15, 20, 25, 27, 30, 40 blades

| Cat No. | Description | Type |
|---------|---------------------------|------|
| 100943 | 8PC TORX FOLD OUT KEY SET | |



SET CONTAINS

- TX10, 15, 20, 25, 30, 40, 45, 50 keys
- Supplied in plastic holder

| Cat No. | Description | Type |
|---------|---|------|
| TNH10 | 8PC ANTITAMPER TORX KEY SET LONG SERIES | |



SET CONTAINS

- TX9, 10, 15, 20, 25, 27, 30, 40, 45, 50 keys
- Supplied in plastic holder

| Cat No. | Description | Type |
|----------|--|------|
| TNSK010T | 10PC ANTITAMPER TORX KEY SET EXTRA LONG SERIES | |

TORX SCREWDRIVERS & DRIVER BITS



EPTORXSCREWDRIVER



TNT3340



TNTX40H



TNT3040

| Cat No. | Description | Type |
|-------------------|---|------|
| EPTORXSCREWDRIVER | ECOPILLAR LID T40 TORX SECURITY SCREW TOOL | |
| TNTX25H | TX25H ANTITAMPER SCREWDRIVER, HEX SHANK AND COMFORT GRIP HANDLE - 200MM | |
| TNTX30H | TX30H ANTITAMPER SCREWDRIVER, HEX SHANK AND COMFORT GRIP HANDLE - 225MM | |
| TNTX40H | TX40H ANTITAMPER SCREWDRIVER, HEX SHANK AND COMFORT GRIP HANDLE - 235MM | |
| TNTX50H | TX50H ANTITAMPER SCREWDRIVER, HEX SHANK AND COMFORT GRIP HANDLE - 235MM | |
| TNT3040 | TX40H ANTITAMPER SCREWDRIVER BIT - 1/4"HEX x 25MM LONG | |
| TNT3340 | TX40H ANTITAMPER SCREWDRIVER BIT - 1/4"HEX x 75MM LONG | |



CABINET KEYS



EPTS/SLOCKKEY

Stainless steel key for use on TUDS and ECOPillar enclosures for added security.



EPTOOL

Designed for use with a number of pillar locks including the ECOPillar locks and some used on other pillars and cabinets already in use around the country. Includes TX40 antitamper torx bit. The beauty of this tool is it means you don't need to carry four different tools, this one will do it all.

| Cat No. | Description |
|---------------|---|
| EPTS/SLOCKKEY | STAINLESS STEEL TRIANGULAR LOCK KEY FOR ECOPILLAR & TUDS LOCK MK908-4 |

| Cat No. | Description |
|---------|----------------------------------|
| EPTOOL | CABINET / PILLAR 4-WAY MULTI KEY |

CABINET KEY

FEATURES

- Size: 72 x 72 mm
- Inside square 6 mm
- Inside square 7 - 8 mm
- Inside threesquare 7 - 8 mm
- Double size 3 - 5 mm



| Cat No. | Description |
|---------|--|
| 110696 | HAUPA SOCKET TYPE SPANNER, LIGHTWEIGHT METAL BODY WITH KEY CHAIN |

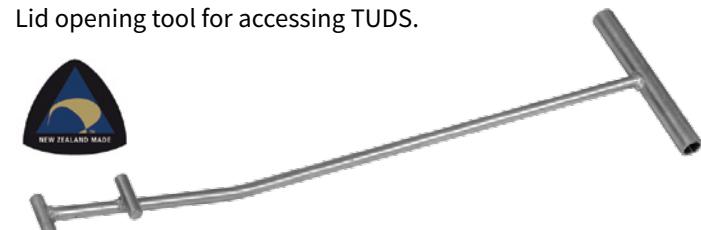
ECOPILLAR LID LIFTER



| Cat No. | Description |
|------------------|-----------------------------------|
| ECOPILLARLIDTOOL | ECOPILLAR LID, LEVER REMOVAL TOOL |

TUDS LIFTING TOOL

Lid opening tool for accessing TUDS.



| Cat No. | Description |
|-------------|---------------------------------------|
| 0-0361414-3 | PIT LID LIFTER FOR TUDS325 & TUDS325L |



LED LIGHTS

HEADLIGHTS & HAND LAMPS



TNPSH3

LED head light with tilting adjustable beam.

FEATURES

- High, medium, low modes
- IPX6 water resistant ABS housing
- 2Hz Safety SOS Flash Function
- Batteries included



TNPSH4

LED head light with wide beam or floodlighting.

FEATURES

- Red LED for night vision
- Tilting head & waterproof
- Multi-mode
- 2Hz Safety SOS Flash Function
- Supplied with 3M adhesive helmet mount
- Batteries included

| Cat No. | Lumens | Run Time | Powered By |
|---------|--------|------------|------------|
| TNPSH3 | 155LM | 4-50 HOURS | 1 x AA |

| Cat No. | Lumens | Run Time | Powered By |
|---------|---------------------|----------------|------------|
| TNPSH4 | 200LM WITH DIFFUSER | 7 1/2-60 HOURS | 3 x AAA |



TNPSIL3R

LED mini inspection light.

FEATURES

- Impact resistant body
- Pocket clip/hanging hook & magnetic pad
- DC-USB rechargeable from 12/24V or USB power supply
- USB charge cord supplied

| Cat No. | Lumens | Run Time | Powered By |
|----------|------------------------------------|------------|-------------------------------------|
| TNPSIL3R | 300LM FLOODLIGHT, 100LM TORCH HEAD | 3-12 HOURS | 2200MAH LI-ION RECHARGEABLE BATTERY |



TEMPORARY LIGHTS

BATTERY POWERED LED FLOODLIGHTS

The perfect portable work light. Available in 20W and 50W this rechargeable battery powered LED floodlight with a sturdy stand is a must have for all tradesmen.

FEATURES

- Slim & compact design for ease of storage
- USB outlet to charge other devices
- 4-5 hour battery run time
- Two light level settings - 100% & 50%
- Bluetooth connection function to play music
- Rechargeable Li-ion battery
- 12V DC & 230V AC charger
- Optional magnetic base that clips onto the light



LEDPORT-MAGBASE



| Cat No. | Base Mount | Lumens | Power | IP Rating | Charger |
|------------------|------------|--------|------------------------|-----------|----------------|
| LEDPORT-MAGBASE | | | OPTIONAL MAGNETIC BASE | | |
| LEDPORT-20W-BATT | STAND | 1600 | 20W | IP54 | 12V DC/230V AC |
| LEDPORT-50W-BATT | | 3500 | 50W | IP54 | 12V DC/230V AC |

PORTABLE LIGHT STAND - 2X45W LEDS

This industrial light stand (ILS) is engineered to cater for the commercial user where durability is of key importance.

FEATURES

- Telescopic stand to offer a range of working heights, approximately 1250mm–2500mm
- Easy to assemble and put away, fits into small storage areas
- Long 12m lead
- Power source 230V AC
- Cool running temperature
- *DC model available on special order

| Cat No. | Lumens | Power | Supply Voltage |
|-------------|--------|---------|----------------|
| LEDILS-2500 | 6000 | 2 x 45W | 230V AC |





PORTABLE LIGHT STAND - 400W LEDS

This light kit is the epitome of temporary light stands. With an air extendable hydraulic telescopic stand the light can be positioned up to 5m* above the work site. All the components to run this light (AC and DC) are included in the kit.

SPECIFICATIONS

- IP65 Rating
- 1.6m up to 5m* when extended
- L×W×H when packed in case = 800 × 520 × 320mm
- Stand Weight = 17.85kg
- Packed in Case Weight = 32.85kg

KIT CONTENTS

- 400W LED light fitting
- Air extendable light stand
- Bicycle track pump
- Battery leads
- 400W inverter
- Storage bag for stand
- Tough plastic carry case

*Height of stand only, not including lights

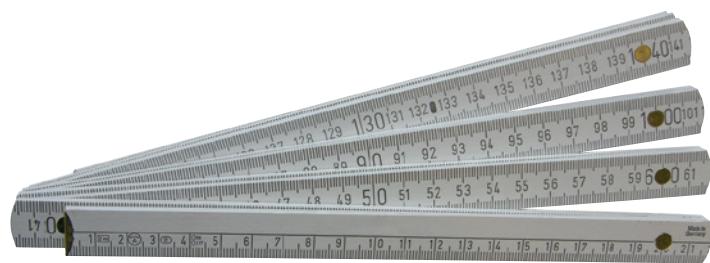


| Cat No. | Lumens | Power | Supply Voltage |
|---------------|--------|-------|-------------------|
| LEDILS-5M-200 | 21,000 | 200W | 230V AC OR 12V DC |
| LEDILS-5M-400 | 42,000 | 400W | |



MEASURING & MARKING TOOLS

FOLDING RULE



| Cat No. | Features |
|---------|--|
| 240005 | 2M FIBRE GLASS FOLDING RULE, METRIC GRADUATIONS WITH LOCKING SPRING JOINTS |

TAPE MEASURES



240012



TWF8M



TWP832

| Cat No. | Features | Size |
|---------|--|----------------|
| 240012 | TAPE MEASURE. POCKET SIZED TAPE WITH MAGNETIC TIP | 5M X 16MM WIDE |
| TWF8M | WIDE TAPE MEASURE. FLUORESCENT CASE, SUPPLIED WITH BELT CLIP & LANYARD | 8M X 25MM WIDE |
| TWP832 | TAPE MEASURE. RUBBERISED CASE, SUPPLIED WITH BELT CLIP | 8M X 32MM WIDE |

MEASURING WHEELS

FEATURES

- 5 digit counter
- Rubber tyre
- Ideal for indoor or outdoor use



| Cat No. | Description | Wheel Diameter | Handle |
|---------|---------------------------------|----------------|-----------------------|
| MWHEELC | COMPACT WALKING MEASURING WHEEL | 100MM | 430-1066MM TELESCOPIC |
| MWHEEL | WALKING MEASURING WHEEL | 317MM | 460-1066MM TELESCOPIC |



LEVELS



240041



TNPL600

| Cat No. | Description | Features | Length |
|---------|-----------------------------|--|--------|
| 240041 | LIGHTWEIGHT ALUMINIUM LEVEL | 2 x VIAL, METRIC SCALE RULE, COMPACT DESIGN | 300MM |
| TNPL600 | POLYCAST LEVEL | 3 x VIAL, NON-CONDUCTIVE FRAME, IMPACT RESISTANT | 600MM |

SQUARES



FS56



FH22

| Cat No. | Description | Features | Length |
|---------|--------------------|---|--------|
| FS56 | MINI SQUARE | CAST ZINC FRAME, WITH LEVEL AND SCRIBER | 150MM |
| FH22 | COMBINATION SQUARE | DIE-CAST FRAME, WITH LEVEL AND SCRIBER | 300MM |

CHALK LINE



| Cat No. | Description | Features | Length |
|-----------|-------------|--|--------|
| CHALKLINE | CHALK LINE | LIGHTWEIGHT CAST MAGNESIUM BODY, SUPPLIED WITH 60G CHALK BAG | 30M |

VERNIER CALIPERS



TNDV150



TNVC

| Cat No. | Description | Features | Range |
|---------|-----------------------|--|-------------|
| TNDV150 | 150MM DIAL VERNIER | STAINLESS STEEL, SUPPLIED IN STORAGE CASE | 0"- 6" |
| TNVC | 150MM DIGITAL VERNIER | STAINLESS STEEL, EASY READ DISPLAY, SUPPLIED IN STORAGE CASE | & 0 - 150MM |



MAKITA CORDED POWER TOOLS

HEAT GUN

FEATURES

- Variable speed and temperature
- Cool air stage for rapid cooling for nozzle changing or tool packup
- Blower controlled by 3-speed operating switch
- Large setting wheel for adjusting temperature
- Ergonomic soft grip handle
- Dual air vents
- Suitable for any hot air application



| Cat No. | Description | Capacity |
|-------------|---|----------------------------|
| MKHG6020 | 2,000W HEAT GUN | AIR TEMPERATURE: 50°-600°C |
| MKHG6020KIT | 2,000W HEAT GUN KIT, INCLUDING 5 NOZZLES, 2 PACKS OF PLASTIC WELDING RODS, AND STORAGE CASE | AIR VOLUME - 150-500L/MIN |

D-HANDLE DRILL

FEATURES

- 4x speed settings to suit various materials and applications
- High and low gears with 2 pre-set speeds make this ideal for hardworking applications
- Excellent for drilling into metals or hardwoods
- Lock-on button allows drill to be locked on at set speeds
- Industrial strength 13mm keyless chuck



| Cat No. | Description | Capacity |
|----------|---------------------|---|
| MK6300-4 | 13MM D-HANDLE DRILL | STEEL - 13MM WOOD - 30MM NO LOAD SPEED: 650, 700, 1,250, 1,500RPM CONTINUOUS RATING INPUT - 650W |

HIGH TORQUE DRILL

FEATURES

- High torque for heavy duty driving and drilling
- Triple reduction gearbox for maximum torque
- Aluminium gear housing for durability and longer tool life
- Large variable speed trigger with forward/reverse
- Lock-on lever allows the drill to be locked at maximum rpm with the flick of a switch
- Side handle swivels 360° for convenient operation
- Included accessories: Industrial Chuck, side handle, key and carry case



| Cat No. | Description | Capacity |
|-----------|------------------------|---|
| MKDP4002K | 13MM HIGH TORQUE DRILL | STEEL - 13MM WOOD - 38MM NO LOAD SPEED: 0 - 600RPM MAX FASTENING TORQUE - 73NM CONTINUOUS RATING INPUT - 750W |



ROTARY HAMMER

FEATURES

- High efficiency and unrivalled low level of vibration
- The level of vibration is further reduced by completely separating the machine holding section from the motor/transmission section
- Soft no load function automatically reduces the motor speed during idling to suppress the vibration of the

machine body

- New "Two on/off switches switchable in hammering mode"
- Easy-to-operate operation mode change lever
- Includes side handle, side grip, depth gauge, grease tube (Drill bit not included)



| Cat No. | MKHR5212C |
|-------------------------|--------------------|
| DESCRIPTION | 52MM ROTARY HAMMER |
| SHANK | SDS MAX |
| CONCRETE | 52MM/31MM |
| CONCRETE CORE DRILL | 160MM/96MM |
| IMPACTS PER MINUTE | 1,100-2,250IPM |
| NO-LOAD SPEED | 150 - 310RPM |
| JOULES | 19.1J |
| CONTINUOUS RATING INPUT | 1,510W |
| NET WEIGHT | 11.9KG |

DEMOLITION BREAKER

FEATURES

- Suppression of motor speed during no-load - reduces vibration of tool body when idling, & decreases the amount of vibration to operator's hands
- AVT (Anti-Vibration Technology)

- Electronic Variable speed control
- LED service light that indicates when to replace carbon brush and or trouble with the electric circuit
- Includes bull point, side handle and storage case



| Cat No. | MKHM1317C |
|-------------------------|--------------------|
| DESCRIPTION | DEMOLITION BREAKER |
| SHANK | 30MM HEX |
| BLOWS PER MINUTE | 730 - 1,450BPM |
| JOULES | 33.8J |
| CONTINUOUS RATING INPUT | 1,510W |
| NET WEIGHT | 17.0KG |



840W ANGLE GRINDER

FEATURES

- High performance 840 watt motor with enough power to handle all the jobs required of a small angle grinder
- Gear housing can be rotated to suit most cutting and grinding applications

| Cat No. | MK9556NB |
|-------------------------|-----------------------|
| DESCRIPTION | 840WATT ANGLE GRINDER |
| MAX. DIAMETER WHEEL | |
| DEPRESSED CENTRE | 100MM |
| CUT OFF WHEELS | 100MM |
| WIRE CUP BRUSH | 75MM |
| WIRE BEVEL BRUSH | 85MM |
| DIAMOND WHEEL | 100MM |
| SPINDLE THREAD | M10 X 1.5MM |
| NO LOAD SPEED | 11,000RPM |
| CONTINUOUS RATING INPUT | 710W |

- Small circumference barrel grip for easy handling
- Includes depressed centre grinding wheel, side handle grip, and lock nut wrench



1100W ANGLE GRINDER

FEATURES

- Paddle switch operation , ideal for users wearing protective gloves
- Slim ergonomical design
- Heavy duty gearbox

| Cat No. | MK9565P |
|-------------------------|--|
| DESCRIPTION | 1,100WATT ANGLE GRINDER WITH PADDLE SWITCH |
| MAX. DIAMETER WHEEL | |
| DEPRESSED CENTRE | 125MM |
| CUT OFF WHEELS | 125MM |
| WIRE CUP BRUSH | 90MM |
| DIAMOND WHEEL | 125MM |
| SPINDLE THREAD | M14 X 2.0MM |
| NO LOAD SPEED | 12,000RPM |
| CONTINUOUS RATING INPUT | 1,100W |

- SJS system protects operator if tool is jammed in workpiece
- Includes depressed centre wheel, side handle grip, and lock nut wrench





MAKITA CORDLESS COMBO KITS

MKDLX2176T 18V 2PC KIT

KIT INCLUDES

- DHP481 13mm Brushless Hammer Drill Driver - max 125Nm torque
- DTD154 1/4" Hex Brushless Impact Driver - max 175Nm torque
- 2 x 5.0Ah Li-Ion batteries
- Rapid charger
- Carry case



MKDLX2185T 18V 2PC KIT

KIT INCLUDES

- DHP481 13mm Brushless Hammer Drill Driver - max 125Nm torque
- DTW285 1/2" drive Brushless Impact Wrench - max 280Nm torque
- 2 x 5.0Ah Li-Ion batteries
- Rapid charger
- Carry case



| Cat No. | Description |
|------------|---|
| MKDLX2185T | 18V 2PC BRUSHLESS HAMMER DRILL DRIVER AND IMPACT WRENCH KIT |

MKDLX3072T 18V 3PC KIT

KIT INCLUDES

- DHP481 13mm Brushless Hammer Drill Driver - max 125Nm torque
- DTW285XZ 1/2" drive Brushless Impact Wrench - max 280Nm torque
- DGA508 125mm Brushless Angle Grinder
- 2 x 5.0Ah Li-Ion batteries
- Rapid charger
- Carry case



| Cat No. | Description |
|------------|--------------------------------|
| MKDLX3072T | 18V 3PC BRUSHLESS JOB-SITE KIT |



MKDLX6063T 18V 6PC KIT

KIT INCLUDES

- DHP481 13mm Brushless 13mm Hammer Drill Driver - max 125Nm torque
- DTD154 1/4" Hex Brushless Impact Driver - max 175Nm torque
- DHS680 165mm Brushless Circular Saw
- DGA504 125mm Brushless Angle Grinder
- DJR187 Brushless Reciprocating Saw
- DML802 LED Flashlight
- 2 x 5.0Ah Li-Ion batteries
- Rapid charger
- Carry case



| Cat No. | Description |
|------------|--------------------------------|
| MKDLX6063T | 18V 6PC BRUSHLESS JOB-SITE KIT |

TransNet's fully functioning microgrid.



544 solar panels

150kW of renewable energy

30kW/130kWh smart storage system



MAKITA CORDLESS CUTTING & GRINDING TOOLS

BRUSHLESS RECIPROCATING SAW

FEATURES

- Variable speed control
- Soft grip reduces vibration
- Adjustable front shoe for maximum blade use and tool-less blade changing
- Ideal for single handed use
- Toolless blade changing
- Battery overload protection

| Cat No. | MKDJR187Z | MKDJR187RTE |
|------------------------|---------------------------------|-------------------------------------|
| DESCRIPTION | 18V BRUSHLESS RECIPROCATING SAW | 18V BRUSHLESS RECIPROCATING SAW KIT |
| BATTERY INCLUDED | NO | 2 x 5.0AH LI-ION |
| RAPID CHARGER INCLUDED | NO | YES |
| STORAGE CASE INCLUDED | NO | YES |
| CAPACITY | | |
| WOOD | 255MM | |
| PIPE | 130MM | |
| LENGTH OF STROKE | 32MM | |
| STROKES PER MIN. | 0 - 3,000SPM | |



CORDLESS BRUSHLESS CIRCULAR SAW

FEATURES

- High performance Brushless DC motor
- Auto Speed function changes speed according to load condition
- Lightweight design with magnesium base, blade case and safety cover
- Electric brake and Twin Led work lights

| Cat No. | MKDHS680Z |
|------------------|----------------------------------|
| DESCRIPTION | 18V 165MM BRUSHLESS CIRCULAR SAW |
| BATTERY INCLUDED | NO |
| MAX CUT AT 90° | 57MM |
| MAX CUT AT 45° | 41MM |
| NO LOAD SPEED | 5,000RPM |





BRUSHLESS JIGSAW

FEATURES

- Top D-handle for easy control
- 3x Orbital settings and variable speed for Optimum cutting control
- Powerful lightweight design



| Cat No. | MKDJR18Z |
|------------------|----------------------|
| DESCRIPTION | 18V BRUSHLESS JIGSAW |
| BATTERY INCLUDED | NO |
| CAPACITY | |
| WOOD | 135MM |
| STEEL | 10MM |
| LENGTH OF STROKE | 26MM |
| STROKES PER MIN. | 800 - 3,500SPM |

CORDLESS MULTITOOL

FEATURES

- Well balanced tool with variable speed control
- Tool-less blade changing clamp, for quick installation and replacement of blades
- 12 angle settings at every 30° from 0° to 360°



| Cat No. | MKDTM51Z |
|-----------------------|-------------------|
| DESCRIPTION | 18V MULTITOOL |
| BATTERY INCLUDED | NO |
| OSCILLATIONS PER MIN. | 6,000 - 20,000RPM |
| OSCILLATION | 3.2° |

BRUSHLESS ANGLE GRINDER

FEATURES

- High performance Brushless DC motor
- Paddle switch with soft start
- Automatic Torque Drive and electric brake
- Kick back detection - shuts tool off if jamming occurs



| Cat No. | MKDGA508Z | MKDGA508RTE |
|------------------------|-----------------------------------|---------------------------------------|
| DESCRIPTION | 18V 125MM BRUSHLESS ANGLE GRINDER | 18V 125MM BRUSHLESS ANGLE GRINDER KIT |
| BATTERY INCLUDED | NO | 2 x 5.0AH LI-ION |
| RAPID CHARGER INCLUDED | NO | YES |
| STORAGE CASE INCLUDED | NO | YES |
| DEPRESSED CENTRE WHEEL | 125MM | |
| CUT OFF DISC | 125MM | |
| SANDING DISC | 125MM | |
| NO LOAD SPEED | 8,500RPM | |



MAKITA CORDLESS DRILLING & FASTENING TOOLS

BRUSHLESS HAMMER DRILL DRIVER

FEATURES

- All metal gear construction and single sleeve keyless chuck
- 21 stage torque settings
- Variable speed control
- Supplied with side handle and depth stop



| Cat No. | MKDHP481Z | MKDHP481RTE |
|------------------------|---|---|
| DESCRIPTION | 18V 13MM BRUSHLESS HAMMER DRILL DRIVER | 18V 13MM BRUSHLESS HAMMER DRILL DRIVER KIT |
| BATTERY INCLUDED | NO | 2 x 5.0AH LI-ION |
| RAPID CHARGER INCLUDED | NO | YES |
| STORAGE CASE INCLUDED | NO | YES |
| CAPACITY | | |
| STEEL | 13MM | |
| WOOD | 76MM | |
| CONCRETE | 16MM | |
| IMPACTS PER MINUTE | | |
| HI | 0 - 31,500IPM | |
| LOW | 0 - 8,250IPM | |
| NO LOAD SPEED | | |
| HI | 0 - 2,100RPM | |
| LOW | 0 - 550RPM | |
| MAX. FASTENING TORQUE | 115NM | |
| MAX. LOCK TORQUE | 125NM | |

BRUSHLESS COMBINATION HAMMER DRILL

FEATURES

- Efficient DC motor with 3 mode operation, hammer, hammer with rotation and rotation only
- Variable speed
- Fitted with safety clutch and quick change drill chuck



| Cat No. | MKDHR243Z |
|--------------------|--|
| DESCRIPTION | 18V SDS PLUS BRUSHLESS COMBINATION HAMMER DRILL |
| BATTERY INCLUDED | NO |
| SHANK TYPE | SDS PLUS |
| CAPACITY | |
| CONCRETE | 24MM |
| STEEL | 13MM |
| WOOD | 27MM |
| IMPACTS PER MINUTE | 0 - 4,700IPM |
| NO LOAD SPEED | 0 - 950RPM |



1/2" DRIVE BRUSHLESS IMPACT WRENCH

FEATURES

- Compact and powerful wrench with high torque design.
- Variable speed for precise fastening and electric brake for operator safety
- LED worklight and Phosphorescent bumper for operating in dark areas



| Cat No. | MKDTW285Z | MKDTW285RTE |
|------------------------|-----------------------------|---------------------------------|
| DESCRIPTION | 18V BRUSHLESS IMPACT WRENCH | 18V BRUSHLESS IMPACT WRENCH KIT |
| BATTERY INCLUDED | NO | 2 x 5.0AH LI-ION |
| RAPID CHARGER INCLUDED | NO | YES |
| STORAGE CASE INCLUDED | NO | YES |
| SQ DRIVE | 1/2" | |
| STANDARD BOLT | M10 - M20 | |
| HIGH TENSILE BOLT | M10 - M16 | |
| IMPACTS PER MINUTE | | |
| HI | 0 - 3,500IPM | |
| MED | 0 - 2,600IPM | |
| LOW | 0 - 1,800IPM | |
| NO LOAD SPEED | 0 - 2,800RPM | |

1/4" HEX BRUSHLESS IMPACT SCREWDRIVER

FEATURES

- Compact and powerful screwdriver with high torque design
- Variable speed for precise fastening and electric brake for operator safety
- LED worklight and Phosphorescent bumper for operating in dark areas



| Cat No. | MKDTD154Z |
|--------------------|---|
| DESCRIPTION | 18V 1/4" HEX BRUSHLESS IMPACT SCREWDRIVER |
| BATTERY INCLUDED | NO |
| MACHINE SCREW | M4 - M8 |
| STANDARD BOLT | M5 - M16 |
| HIGH TENSILE BOLT | M5 - M14 |
| IMPACTS PER MINUTE | |
| HI | 0 - 3,800IPM |
| MED | 0 - 2,600IPM |
| LOW | 0 - 1,100IPM |
| NO LOAD SPEED | 0 - 3,600RPM |
| MAX. TORQUE | 175NM |



MAKITA CORDLESS LED WORKLIGHTS

RECHARGEABLE LED FLASHLIGHT

FEATURES

- 12 position pivoting flashlight head
- 3.2W single LED gives 4000lx luminance
- Multi faceted reflector for bright illumination
- Compact size aluminium flashlight head
- Strap hook

| Cat No. | Description | Specifications |
|----------|---------------------------------|--|
| MKDML802 | 18V RECHARGEABLE LED FLASHLIGHT | 3.2W SINGLE LED RUN TIME - 13HRS CONTINUOUS USE WITH 3.0AH LI-ION BATTERY |



CORDLESS & 240V CORDED WORKLIGHT

FEATURES

- 2-mode operation: delivers 750 lumens on High mode or 450 lumens on Low mode
- 360° Rotatable light flashlight
- 2 stage push button switch to select full or half brightness
- 20x 0.5w white-light LEDs for continuous bright illumination
- Convenient carrying handle can be used as hanging hook
- A/C cord storage hooks
- Up to 8.5 hours of continuous illumination with a 5.0Ah 18V

| Cat No. | Description | Specifications |
|----------|--|--|
| MKDML805 | 18V CORDLESS AND 240V CORDED WORKLIGHT | CONTINUOUS USE WITH A 5.0AH - HI 8.5HRS - LO 17HRS MULTI-VOLTAGE 14.4 -18V AND 240V |





TELESCOPIC WORKLIGHT STAND

Stand can accommodate a single or twin light set. LED Worklights not included.



| Cat No. | Description | Stand Height (mm) |
|--------------|----------------------------|-------------------|
| MKGM00001381 | TELESCOPIC WORKLIGHT STAND | 992 -1750 |

36V DUAL VOLTAGE WET/DRY VACUUM CLEANER

FEATURES

- Powered by 2x18V Li-ion batteries in series (not included) or by a mains lead to AC socket
- Provides easy maneuverability anywhere you need cleaning
- Large on/off switch
- Dual battery fuel gauge

- Variable suction power control by dial
- Onboard pipe storage
- 5m power supply cord

ACCESSORIES INCLUDED

- Plastic dust bags x 10
- Hose 38mm x 2.5m
- Straight pipe
- Bending pipe
- Nozzle
- Corner nozzle

| Cat No. | Container Vol. Dust | Container Vol. Water | Continuous Rating Input | Max Sealed Suction | Peak Air Volume | Weight (kg) | Filter Type |
|------------|------------------------|-------------------------|-------------------------------|--------------------------|--|----------------|----------------|
| MKDVC860LZ | 8.0L | 6.0L | 320W | A/C 24kPa D/C 9kPa | A/C 3.6M ³ / MIN D/C 2.1M ³ /MIN | 8.6 | L |



36V CORDLESS WET/DRY VACUUM CLEANER

FEATURES

- Two 18V LXT Li-Ion and BL Motor batteries produce maximum airflow of 1.8 m³ / min / maximum sealed suction of 10 kPa / 80W suction power
- Extreme Protection Technology (XPT) designed to improve resistance against dust and dripping under adverse conditions

- Provides up to 40 min of runtime using the BL1850B battery
- Variable suction power control by dial

ACCESSORIES INCLUDED

- Poly dust bags x 10
- Hose
- Telescopic pipe
- Bent pipe
- New nozzle
- Corner nozzle

| Cat No. | Container Vol. Dust | Container Vol. Water | Max Sealed Suction | Peak Air Volume | Weight (kg) | Filter Type |
|------------|------------------------|-------------------------|-----------------------|------------------------|----------------|----------------|
| MKDVC862LZ | 8.0L | 6.0L | 10kPa | 1.8M ³ /MIN | 7.1 | L |





MAKITA CHARGERS & BATTERIES

14.4-18V RAPID CHARGERS



MKDC18RC



MKDC18RD

These chargers communicate with the individual cell in battery with a built in CPU and then control current, voltage, and temperature for both rapid and optimum charge. Therefore the battery has longer life as it can be charged in the best method and duration.

- Compatible with all LXT batteries: 14.4 - 18V

| Cat No. | Description | Charge Times |
|----------|----------------------------------|--|
| MKDC18RC | 14.4 - 18V RAPID CHARGER | BATTERY BL1850 5.0AH – 45MIN |
| MKDC18RD | 14.4 -18V TWO PORT RAPID CHARGER | BATTERY BL1840 4.0AH – 36MIN BATTERY BL1830 3.0AH – 22MIN |

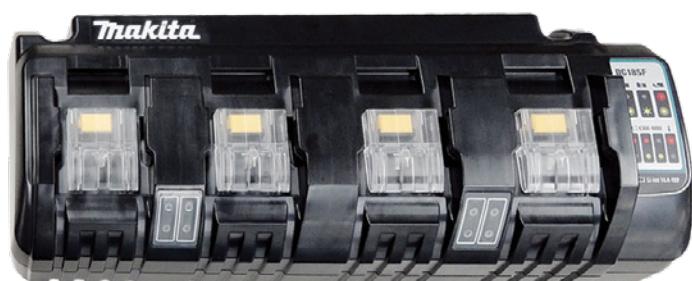
18V LI-ION BATTERIES



| Cat No. | Description |
|-----------|---|
| MKBL1850B | 18V 5.0AH LI-ION BATTERY, WITH LED CHARGE INDICATOR |
| MKBL1840B | 18V 4.0AH LI-ION BATTERY, WITH LED CHARGE INDICATOR |
| MKBL1830B | 18V 3.0AH LI-ION BATTERY |

14.4-18V FOUR PORT RAPID CHARGER

This charger communicates with the individual cell in the battery with a built-in CPU, then controls current, voltage, and temperature for both rapid and optimum charge. This helps the battery maintain a longer life as it can be charged using the best method and duration.



| Cat No. | Description |
|----------|----------------------------------|
| MKDC18SF | 14.4-18V FOUR PORT RAPID CHARGER |



POWER TOOL ACCESSORIES

40 PIECE IMPACT-X SCREWDRIVER BIT SET

S2 steel long life impact driver bits with a mix of 25mm and 50mm long driver bits. This set contains Phillips, Slotted, Square, Torx, Nut drivers and a magnetic bit holder.

FEATURES

- 40 piece impact rated set
- S2 steel
- 1/4" universal shank



| Cat No. | Description | Type |
|----------|-----------------------------------|------|
| MKA98332 | 40PC IMPACT-X SCREWDRIVER BIT SET | |

32 PIECE SCREWDRIVER BIT SET

Convenient 32pc screwdriver bit set housed in a compact storage case.

FEATURES

- Set includes Phillips, Square, Torx Antitamper, and Hex bits
- 1/4" quick change bit holder
- 1/2" drive socket adaptor



| Cat No. | Description | Type |
|----------|--------------------------|------|
| MKD65224 | 32PC SCREWDRIVER BIT SET | |



SCREWDRIVER BITS & BIT SETS



TWCP159

KIT CONTENTS

- Phillips No. 1, No. 2, No. 3
- Square No. 1, No. 2, No. 3
- Pozidrive No. 1, No. 2
- Slotted 8mm
- Hex 5mm
- Plastic storage holder

| Cat No. | Description |
|---------|--|
| TWCP159 | 1/4" HEX 10 PC SET SCREWDRIVER BIT SET 50MM LONG |



TWCP160

KIT CONTENTS

- Phillips No.1, No.2, No.3
- Square No.1, No.2, No.3
- Pozidrive No.1, No.2
- Slotted 6mm and 10mm
- Plastic storage holder

| Cat No. | Description |
|---------|---|
| TWCP160 | 1/4" HEX 10 PC SET SCREWDRIVER BIT SET 100MM LONG |

KIT CONTENTS

- 1/4" socket driver
- 3/8" socket driver
- 1/2" socket driver



| Cat No. | Description |
|----------|---------------------------|
| SKTDRSET | 3PC HEX SOCKET DRIVER SET |

CHROME ADAPTORS



TNCASU

TNCAR

IMPACT ADAPTORS



TNIASU

TNIAR

| Cat No. | Description |
|---------|---------------------------------------|
| TNCASU | 3/8" FEMALE X 1/2" DRIVE MALE ADAPTOR |
| TNCAR | 1/2" FEMALE X 3/8" DRIVE MALE ADAPTOR |

| Cat No. | Description |
|---------|---------------------------------------|
| TNIASU | 3/8" FEMALE X 1/2" DRIVE MALE ADAPTOR |
| TNIAR | 1/2" FEMALE X 3/8" DRIVE MALE ADAPTOR |



IMPACT SOCKETS & ACCESSORIES

IMPACT SOCKET SETS



1/2"

| Cat No. | Features |
|---------|---|
| IMPS14 | 1/2" DRIVE 14PC IMPACT SOCKET SET 10 - 27MM 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 26, 27MM. 6PT. SUPPLIED IN METAL STORAGE RACK |

1/2"

1/2"



IMPSD10



IMPSD14

| Cat No. | Features |
|---------|--|
| IMPSD10 | 1/2" DRIVE 10PC DEEP IMPACT SOCKET SET 11 - 24MM 11, 12, 13, 14, 16, 17, 19, 21, 22, 24MM. 6PT. SUPPLIED IN METAL STORAGE CASE |
| IMPSD14 | 1/2" DRIVE 14PC DEEP IMPACT SOCKET SET 11 - 24MM 10, 12, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32MM. 6PT. SUPPLIED IN PLASTIC STORAGE CASE |

SOCKET ACCESSORIES

FEATURES

- Push button quick release
- Comfort grip handle



RAT12



RAT12EXT

| Cat No. | Description | Length |
|----------|---|----------------------|
| RAT12 | 1/2" DRIVE RATCHET | 280MM |
| RAT12EXT | 1/2" DRIVE RATCHET, TELESCOPIC HANDLE FOR EXTRA POWER | 305-445MM EXTENDABLE |



CUTTING, DRILLING & FILING

HOLESAW SETS



HSS8C

Set of 8 high speed steel bi-metal holesaws and arbors selected for New Zealand electricians requirements.

FEATURES

- Holesaw Sizes: 16, 20, 25, 32mm -1.5/8" and 2" holesaws
- Supplied with two arbors
- Packed in plastic blow molded case
- High speed steel cutting edges with Cobalt
- Ideal for wood, plastic, Stainless steel alloys, nail-embedded wood etc.



HSS8

Set of 8 high speed steel bi-metal holesaws and arbors.

FEATURES

- Holesaw Sizes: 16, 20, 25, 32, 40 and 51mm holesaws
- Supplied with two arbors
- Packed in plastic storage case
- High speed steel cutting edges with vari-tooth pitched cutting teeth
- Suitable for cutting steel, cast iron, non-ferrous materials, plastic, wood etc.



HSS14

Set of 14 high speed steel bi-metal holesaws and arbors.

FEATURES

- Holesaw sizes: 19, 22, 25, 32, 35, 38, 44, 51, 57, 63 & 76mm
- Supplied with two arbors and adaptor plate
- Varied pitched teeth reduces vibration resulting in greater performance and accuracy
- Electron beam welded teeth for stronger longer lasting teeth
- Packed in plastic storage case
- Suitable for cutting steel, cast iron, non-ferrous materials, plastic, wood etc.

| Cat No. | Description |
|---------|--|
| HSS8C | 8PC MASTER COBALT ELECTRICIANS HOLESAW SET |
| HSS8 | 8PC HSS ELECTRICIANS HOLESAW SET |
| HSS14 | 14PC HSS MAINTENANCE HOLESAW SET |

HSS DRILL SETS

CASE25

| | |
|---------|--|
| TITAN25 | |
| SM3SB | |

TITAN25

SM3SB

| Cat No. | Description |
|---------|--|
| CASE25 | 1.0MM - 13MM 25PC SET -SUPPLIED IN PLASTIC PACK |
| TITAN25 | 1.0MM - 13MM TITANIUM COATED 25PC SET - INDUSTRIAL GRADE SUPPLIED IN METAL CASE |
| SM3SB | 1.0MM - 13MM VIPER PLUS - INDUSTRIAL GRADE. SPLIT POINT DRILLS. FOR MACHINE AND HAND HELD DRILLING IN A WIDE RANGE OF FERROUS & NON-FERROUS MATERIALS SUCH AS STEEL, ALUMINIUM, BRASS, WOOD & PLASTICS. A REDUCED SHANK ON LARGER SIZES SUITS 10MM POWER DRILL CHUCKS. SUPPLIED IN PLASTIC CASE |



HSS STEP DRILLS



Step Drills are designed for use in sheet metal, aluminium, plastic & fibre glass, ideal for sheet metal without pre-drilling. During drilling, the next step deburrs the previously drilled hole

FEATURES

- Made from HSS, ideal for sheet metal without pre drilling
- Spiral flute for reduced vibration and greater control through steps
- Fixed drilling steps, incrementally increases hole size in a controlled manner
- Flat Shank three flats suits 3-jaw chuck
- Made from M2 High Speed Steel (HSS) offering the best combination of strength, heat & wear resistance

| Cat No. | Description | Steps |
|---------|-------------------------------------|-------|
| SD412 | 4 - 12MM HSS STEP DRILL. 6MM SHANK | 9 |
| SD420 | 4 - 20MM HSS STEP DRILL. 8MM SHANK | 8 |
| SD430 | 4 - 30MM HSS STEP DRILL. 10MM SHANK | 14 |
| SD636 | 6 - 36MM HSS STEP DRILL. 12MM SHANK | 12 |

WOOD BORING BITS



SB5

FEATURES

- 16, 19, 22, 25, and 32mm
- Four cutting edges cuts up to 5 times faster than standard spade bits
- Coarse screw point draws the bit into the work piece providing fast drilling in hard and soft woods
- Spur cutting edge scribes the circumference, reducing splintering for a smoother finish
- Hex shank for positive grip, preventing slippage in chuck
- Made from alloy steel



SB6

5 times faster than standard spade bits. Combining a power chip-breaker and heavy duty shank to increase efficiency and battery life of your power tool, with clean cutting and minimal break out on exit. Designed for drilling in timber and light building materials.

FEATURES

- 10, 12, 16, 19, 22 and 25mm supplied in vinyl wallet
- Heavy duty shank for maximum strength & durability and greater power transfer providing more holes per battery charge
- Hex shank for positive grip, preventing slippage in chuck
- Made from Carbon Steel
- Manganese Phosphate coating for highest hardness and superior corrosion and wear resistance

| Cat No. | Description |
|---------|-----------------------------|
| SB5 | 5PC 4 FLUTE DRILL AUGER SET |

| Cat No. | Description |
|---------|-------------------|
| SB6 | 6PC SPADE BIT SET |



AUGER BITS

AUGER BITS, LEWIS TYPE

| Cat No. | Length (mm) | Diameter (mm) |
|---------|-------------|---------------|
| 231500 | 235 | 6 |
| 231502 | 460 | |
| 231504 | 235 | 8 |
| 231506 | 460 | |
| 231508 | 235 | 10 |
| 231510 | 460 | |
| 231512 | 235 | 12 |
| 231514 | 460 | |
| 231516 | 235 | 14 |
| 231518 | 460 | |
| 231520 | 235 | 16 |
| 231522 | 460 | |
| 231523 | 155 | |
| 231524 | 235 | 18 |
| 231526 | 460 | |
| 231528 | 235 | |
| 231530 | 460 | 20 |



| Cat No. | Length (mm) | Diameter (mm) |
|---------|-------------|---------------|
| 231531 | 96 | |
| SM6-22 | 205 | 22 |
| 231533 | 155 | |
| 231534 | 460 | |
| 231536 | 235 | 24 |
| 231538 | 460 | |
| 231540 | 235 | |
| 231542 | 460 | 26 |
| 231544 | 235 | |
| 231546 | 460 | 28 |
| 231548 | 235 | |
| 231550 | 460 | 30 |
| 231552 | 235 | |
| 231554 | 460 | 32 |

EARTH ROD RAMMERS

RAMMER



| Cat No. | Description |
|----------|---------------------------------|
| MKP63797 | MAKITA SDS MAX ELECTRODE RAMMER |

EARTH ROD RAMMER



| Cat No. | Description |
|-----------|---|
| GRDSDS625 | GALAXY SDS+ 5/8" GROUND ROD DRIVER 13MM |



CHROME SOCKET SETS

CONTENTS: (33 PIECES)

- 12 sockets 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
- 1 reversible ratchet
- 2 extensions 50 and 100 mm
- 1 flexible extension
- 1 adapter 3/8" x 1/4" extension for use as a T-handle
- 1 bit holder
- 1 universal joint
- 14 screwdriver bits: PH 1, 2 and 3, Hex 3, 4, 5, 6, 8, Tx 10, 15, 20, 25, 27, 30
- Supplied in plastic blow mold case

1/4"



| Cat No. | Description |
|---------|---|
| 110674 | 1/4" DR 33PC METRIC SOCKET & DRIVER BIT SET |

CONTENTS (26 PIECES)

- 18 sockets 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 mm
- 1 reversible ratchet
- 3 extensions 20, 75 and 150 mm
- 1 adapter 1/2" x 3/8" extension for use as a T-handle
- 2 Spark plug sockets for 16 - 21 mm
- 1 universal joint
- Supplied in plastic blow mold case

3/8"



| Cat No. | Description |
|---------|--------------------------------|
| 110676 | 3/8" DR 26PC METRIC SOCKET SET |

CONTENTS (25 PIECES)

- 20 sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 30, 32mm
- 1 reversible ratchet
- 2 extensions 125 mm and 250 mm lockable
- 1 universal joint
- 1 adapter 3/8" x 1/2" extension for use as a T-handle
- Supplied in plastic blow mold case

1/2"



| Cat No. | Description |
|---------|--------------------------------|
| 110677 | 1/2" DR 25PC METRIC SOCKET SET |

**1/4"**

- 12 sockets from 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13mm
- 1 reversible ratchet
- 1 universal joint
- 1 adapter 3/8" x 1/4" extension to use as a T-handle
- 2 extensions 50mm and 150mm
- 1 spinner handle
- 12 screwdriver bits: PH1 and 2, Hex 3, 4, 5, 6mm, Slotted 5,5 - 7mm, Tx 20, 25, 27, 30
- Hex keys 1.25, 1.5, 2.0, 2.5, 3.0mm

1/4"**1/2"**

- 13 sockets from 10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32mm
- 1 reversible ratchet
- 1 adapter 3/8" x 1/2" extension for use as a T-handle
- 1 universal joint
- 2 extensions 75mm and 250mm
- 2 spark plug sockets
- Supplied in plastic blow mold case

1/2"**Cat No.****Description**

| | |
|--------|--|
| 110678 | 1/4" DRIVE AND 1/2" DRIVE 53PC COMBINATION METRIC SOCKET SET |
|--------|--|

CONTENTS

- 12 point double hex sockets
- Metric: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32mm
- SAE: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1.1/16", 1.1/8", 1.1/4"
- 75mm, 125mm and 250mm extensions
- Universal Joint
- 375mm Power Bar and Quick Release Ratchet
- Supplied In Metal Case

1/2"**Cat No.****Description**

| | |
|-------|---|
| 94739 | 1/2" DRIVE METRIC AND IMPERIAL SOCKET SET 36PC - 12 POINT SOCKETS |
|-------|---|

CONTENTS

- 1/4" drive 39pc, socket range 4 - 13mm supplied in both std and deep sockets, plus accessories
- 1/2" drive 34pc, socket range 10 - 34mm, 3/8" - 1.3/16" plus accessories.
- 1/2" drive Impact sockets 4pc 17 - 24mm
- Double Ended Flex head wrenches 4pc 8 - 15mm
- Ring and Open End wrenches 13pc 7 - 19mm
- Supplied in plastic blow mold case

1/4"**1/2"****Cat No.****Description**

| | |
|----------|---|
| TNSVS877 | 94PC 1/4" & 1/2" DR SOCKET AND WRENCH SET |
|----------|---|



TOOL BAGS & STORAGE

TOOL BAGS



TOOLBAG500



TNJKB224

| Cat No. | Size | Pockets | Base | Features |
|------------|-------|----------------------------|------------|---|
| TOOLBAG500 | 500MM | INTERNAL & EXTERNAL | STANDARD | MADE FROM LONG LASTING POLYESTER MATERIAL. SUPPLIED WITH SHOULDER STRAP |
| TNJKB224 | 600MM | 10 X INTERNAL 8 X EXTERNAL | RUBBERISED | |

OPEN TOTE TOOL BAGS



TNJB081



TNJKB243

| Cat No. | Size | Pockets | Base | Features |
|----------|-------|-----------------------------|----------|--|
| TNJKB081 | 290MM | 14 X INTERNAL 16 X EXTERNAL | STANDARD | MADE FROM POLYESTER MATERIAL. SUPPLIED WITH STAINLESS STEEL PADDED HANDLE & WEBBING SHOULDER STRAP |
| TNJKB243 | 510MM | 24 INTERNAL 21 EXTERNAL | | |



STORAGE CONTAINERS



221131



TNEST1612RB

| Cat No. | Features | Dimensions (mm) |
|-------------|--|--------------------|
| 221131 | PLASTIC STORAGE BOX. 20 COMPARTMENTS. IDEAL FOR SCREWS, FASTENERS, ETC. | 420W × 65H × 335D |
| TNEST1612RB | 12 DRAWER TOP CHEST WITH DROP FRONT AND ROLLER BEARING SLIDES. FULL LENGTH RUNNERS ON ALL DRAWERS ENSURE FULL OPENING OF EACH DRAWER. HEAVY DUTY CARRYING HANDLES AND HIGH GLOSS UV PAINT FINISH. 42KG | 660W × 500H × 400D |

TOOL BELTS



TOOLBELTSPARKY



TOOLBELTLINEY



TOOLBELTLINEYNP



TOOLBELTONLY

| Cat No. | Description | Features |
|-----------------|------------------------------------|---|
| TOOLBELTSPARKY | TOOL POUCH FOR GENERAL ELECTRICIAN | NYLON BELT AND CLIP |
| TOOLBELTLINEY | LINEMAN TOOL POUCH | DEEP POCKETS FOR LARGER TOOLS, NYLON BELT AND CLIP |
| TOOLBELTLINEYNP | HEAVY DUTY LINEMAN TOOL POUCH | DEEP POCKETS FOR LARGER TOOLS, HEAVY LEATHER BELT WITH EXTRA STRONG, DOUBLE PRONG BELT BUCKLE |
| TOOLBELT(ONLY) | LEATHER BELT ONLY | EXTRA STRONG, DOUBLE PRONG BELT BUCKLE |



TOOL ROLL BAG



TOOL APRON



| Cat No. | Description | Features |
|--------------|--------------------------------|--|
| TOOLROLLBAG1 | EMPTY CABLE JOINTERS TOOL ROLL | 26 POCKETS FOR EASY TOOL STORAGE & TOOL PROTECTION |

| Cat No. | Description |
|-----------|--|
| TOOLAPRON | TOOL APRON FOR USE IN BUCKET - HANGS ON SIDE OF BUCKET |

POLE BUCKETS



C417-0144-B



26018



26022

| Cat No. | Description |
|-------------|--|
| C417-0144-B | POLE BUCKET BAG. MADE FROM HEAVY-DUTY CANVAS WITH PLASTIC BASE |
| 26018 | POLE BUCKET BAG. HEAVY DUTY CANVAS BAG WITH 15X INTERNAL POCKETS. ROPE HANDLE AND HEAVY DUTY HARDWARE. 350X150X250MM |
| 26022 | POLE BUCKET BAG. HEAVY DUTY CANVAS BAG WITH 2X EXTERNAL POCKETS. ROPE HANDLE AND HEAVY DUTY HARDWARE. 380X290MM |



RATCHET WRENCHES

VDE INSULATED RATCHET WRENCH

- For use with all shear bolt connectors (IPCs and Fuse Carriers)
- 13mm and 17mm A/F sockets in one spanner
- Reversible ratchet
- Fits stainless steel nuts used in strain and suspension clamps
- Fixed sockets that can not be lost or dropped during installation
- 1000V insulated for added user safety
- 6 sided hex sockets protect integrity of plastic bolt heads



| Cat No. | Description |
|----------|---|
| IRW13/17 | INSULATED RATCHET SPANNER 13 & 17MM SOCKETS |

RATCHET PODGER WRENCH

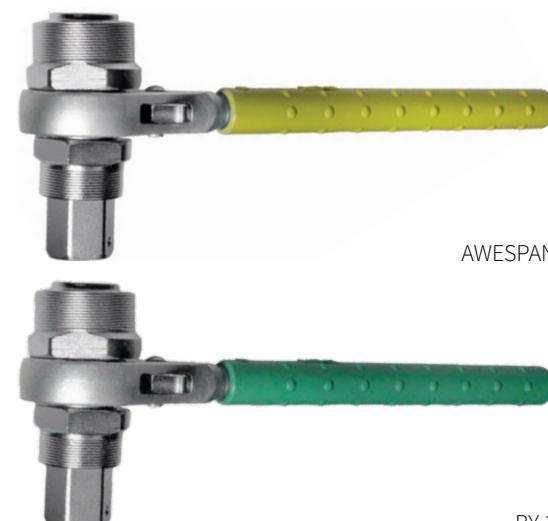


| Cat No. | Description |
|----------|-----------------------------------|
| RPS/1317 | 13MM & 17MM RATCHET PODGER WRENCH |
| RPS/1719 | 17MM & 19MM RATCHET PODGER WRENCH |
| RPS/1924 | 19MM & 24MM RATCHET PODGER WRENCH |
| RPS/2427 | 24MM & 27MM RATCHET PODGER WRENCH |
| RPS/2730 | 27MM & 30MM RATCHET PODGER WRENCH |
| RPS/3236 | 32MM & 36MM RATCHET PODGER WRENCH |

4 WAY RATCHET WRENCHES

FEATURES

- Two sizes on each side
- Larger sized sockets can extend when required
- Long bolt threads pass through centre of wrench
- Convenient for pole top work
- Plastic ergonomic non-slip handle
- Suits bolt diameters 10, 12, 16 and 20mm



AWESPA

BY-3

| Cat No. | Features |
|---------|---|
| AWESPA | 4 WAY RATCHET WRENCH - 4 SOCKET SIZES IN ONE REVERSIBLE WRENCH - YELLOW |
| BY-3 | 4 WAY RATCHET WRENCH - 4 SOCKET SIZES IN ONE REVERSIBLE WRENCH - GREEN |



TORQUE WRENCHES

HAUPA TORQUE WRENCHES



110607



110609



FEATURES

- Built-in reversable ratchet, accuracy +/- 3%
- Made from Chrome-Vanadium steel DIN-3122; ISO 6789
- Easy read display and lock mechanism
- Supplied with test certificate and plastic storage safe box

| Cat No. | Drive Size | Features | Rating (Nm) | Length (mm) |
|---------|------------|-------------------------|-------------|-------------|
| 110607 | 1/4" | | 5-25 | 300 |
| 110608 | 3/8" | REVERSIBLE RATCHET HEAD | 21-119 | 395 |
| 110609 | 1/2" | | 42-210 | 512 |

NORBAR PRECISION TORQUE WRENCHES



These Norbar Torque Wrenches use the NorTorque proven mechanism and offer a comfortable, robust single material handle which also contains an easy to set scale. Fine engineering ensures that the wrench adjustment is both fast and fingertip light meaning that you can do your job more efficiently. The sleek body tube finish was chosen for its robustness and minimal process impact on the environment.

Accurate to $\pm 3\%$ of reading which meets and exceeds ISO6789

Torque wrenches supplied with test certificate and plastic storage safe box.

| Cat No. | Drive Size | Features* | Rating (Nm) | | Length (mm) |
|----------|------------|--------------------------------|-------------|--------|-------------|
| | | | Nm | lbf·ft | |
| TN130101 | 3/8" | PUSH THROUGH DRIVE, REVERSIBLE | 12-60 | 10-45 | 328 |
| TN130103 | 1/2" | RATCHET HEAD | 20-100 | 15-75 | 375 |

*TN130101 supplied with step up adaptor 3/8" F - 1/2" M

TN130103 supplied with reducing adaptor 1/2" F - 3/8" M



ADJUSTABLE CHROME TOOLS

CHROME PLATED ADJUSTABLE WRENCHES

- Triple coated chrome finish (2 Ni + 1 Cr) for perfect chrome adherence and maximum rust resistance
- Irega - made in Spain



| Cat No. | Description | Jaw Opening |
|---------|-------------------------------|-------------|
| IG7704 | 4" - 100MM ADJUSTABLE WRENCH | 13MM |
| IG7706 | 6" - 150MM ADJUSTABLE WRENCH | 19MM |
| IG7708 | 8" - 200MM ADJUSTABLE WRENCH | 24MM |
| IG7710 | 10" - 250MM ADJUSTABLE WRENCH | 29MM |
| IG7712 | 12" - 300MM ADJUSTABLE WRENCH | 34MM |

COMFORT GRIP ADJUSTABLE WRENCHES

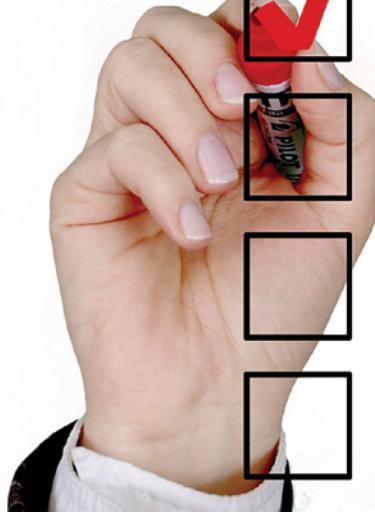
A unique adjustable wrench with a grooved gripping jaw for a firmer grip. Supplied with a comfort grip handle, increment marked scales and a satin finish.



| Cat No. | Description | Gripping Range |
|---------|-------------------------------|----------------|
| 110590 | 6" - 150MM ADJUSTABLE WRENCH | 6-19MM |
| 110592 | 8" - 200MM ADJUSTABLE WRENCH | 9-24MM |
| 110594 | 10" - 250MM ADJUSTABLE WRENCH | 10-29MM |
| 110596 | 12" - 300MM ADJUSTABLE WRENCH | 10-34MM |



Need your products supplied with test certificates? We can help.





CHROME WRENCH SETS

COMBINATION RATCHETING WRENCH SET

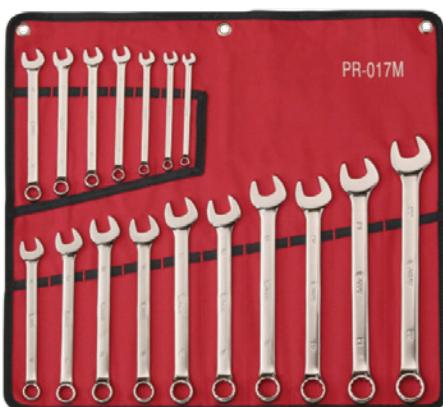
FEATURES

- 72-tooth Ratchet ring and open end wrench set
- Sizes: 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, and 19mm
- Chrome polish finish
- Supplied in handy tool roll



| Cat No. | Description |
|-----------|--|
| TNGW7611M | 11PC 8 - 19MM RATCHET RING AND OPEN END WRENCH SET |

RING & OPEN END WRENCH SETS



TNPR017M



TNHS024M

FEATURES

- Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22mm
- Full polish chrome finish
- Supplied in heavy duty tool roll

FEATURES

- Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 30, 32mm
- Satin chrome finish
- Supplied in heavy duty tool roll

| Cat No. | Description |
|----------|---------------------------------------|
| TNPR017M | 17PC ROE METRIC WRENCH SET 6MM - 22MM |
| TNHS024M | 24PC ROE METRIC WRENCH SET 6MM - 32MM |



RING & OPEN END WRENCH SETS



FEATURES

- Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 15/16", 1"
- Full polish chrome finish
- Supplied in heavy duty tool roll

FEATURES

- Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1.1/16", 1.1/8", 1.1/4"
- Satin chrome finish
- Supplied in heavy duty tool roll

| Cat No. | Description |
|----------|---|
| TNPR011S | 11PC ROE IMPERIAL WRENCH SET 5/16" - 1" AF |
| TNHS016S | 16PC ROE IMPERIAL WRENCH SET 1/4" - 1.1/4" AF |

We're doing our bit with TransNet
Sustainability Initiatives

- ISO 14001 Accreditation
- ISO 14064-1 Accreditation
- Carbon Managed





JUMPERS

LV JUMPERS - CUSTOM MADE

WHEN ORDERING PLEASE SPECIFY:

- Conductor Size
- Jumper Lead Length

*Made to order, choice of clamp, conductor size and length

CONDUCTOR SIZES

35mm²

50mm²

70mm²

95mm²



LENGTH

0.5m increments

CLAMP ACCOMMODATES

4-19mm OD (Blue handle)

0-27mm OD (Yellow handle)

LV JUMPER CABLE - CLEAR SHEATH

Extra flexible electrolytic copper cable, with 750V insulated protection made of crystal clear PVC, for visual inspection of the copper filaments, suitable for grounding equipment and terminals.

| Cat No. | Size (mm ²) | ISC Cap. (Symmetric KA) 30 Cycles (0.5X) |
|---------|-------------------------|--|
| CTC-35 | 35 | 10 |
| CTC-50 | 50 | 15 |
| CTC-70 | 70 | 20 |
| CTC-95 | 95 | 30 |



LV JUMPER CLAMPS

Perfect for LV Jumper leads or Truck earths, these clamps are easy to use and robust to offer a long service life.

| Cat No. | Description |
|---------------|--|
| BPL12-TIN | S/DRIVER CLAMP (BLUE) JAW OPENING 5-19MM OD |
| SC-P101559-02 | S/DRIVER CLAMP (YELLOW) JAW OPENING 0-27MM O.D., STRAIN RELIEF FITS CABLE 25-35MM ² |





INSULATED MV JUMPERS

Temporary Jumper Sets are used for bypassing work areas where equipment is under repair, the line is being upgraded and for making temporary or other emergency repairs. Pre-assembled for popular distribution system voltages, continuous current ratings for sets range from 200-400 amperes.

Insulation is Ethylene-propylene (EPR) and exceeds requirements of ICEA-NEMA standard S-68-516. Jumper Clamps feature high impact polyethylene handles with wide handguard flange.

NOTE: Adequate PPE must be worn when installing or removing jumper clamps.



FLV211179+3M OF 3641

C601-0271

| Cat No. | Description | Length (m) |
|----------------------|------------------------------|------------|
| C601-0271 | AB CHANCE 33KV, 200A JUMPERS | 3.6 |
| FLV211179+3M OF 3641 | 15KV TRANSFORMER JUMPER 200A | 3 |

TEMPORARY EARTH SETS

TEMPORARY LV EARTH SETS

- Flexible Copper Conductor with a clear sheath for ease of visual inspections
- Screwdriver handle clamps mean no tools are required for installation
- Reusable, these jumpers are for temporary use and can be used over and over again
- Strain relief applied to connection point for longevity of unit
- Designed for low voltage applications only
- Clear centre cluster for visual inspection of connection integrity
- Available with 35mm², 50mm² or 70mm² conductor

Custom earth sets available, please contact us with your requirements.



| Cat No. | Number of Leads with Handles | Length of Leads | Feature |
|----------------------|------------------------------|-------------------|--------------------|
| LVE/SET6X2M35MM2LEAD | 6 | 2M | |
| LVE/SET35MM1.5M10M | 5 | 4 x 1.5M, 1 x 10M | |
| JUMPSETLV5WAY2MTR | 5 | 2M | COMES IN CARRY BAG |
| LVE/SET35MM1.5M5M | 5 | 4 x 1.5M, 1 x 5M | |
| LVE/SET35MM2M | 4 | 2M | |
| LVE/SET35MM5X1.5/10M | 6 | 5 x 1.5M, 1 x 10M | |



TEMPORARY 11/33KV EARTH SETS

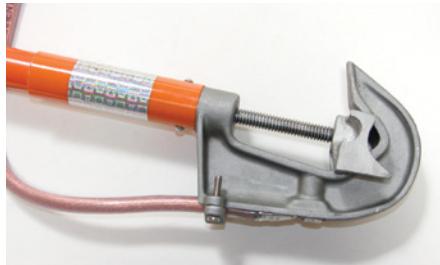
Temporary earth sets with attached earth stick for visual confirmation of earth set installation. These earths are a well known and extensively used design here in New Zealand.

The set is made up of the following;

- 3 x 3m leads attached to fully insulated line clamp hotsticks
- 1 x 9m lead from cluster to ground with ground clamp
- 1 x 1m lead from cluster to pole with ground clamp to bond pole metal work
- 1 x heavy duty storage bag
- 1 x 1m earth stake



Clear cluster



Reflective tape

- 1 x Acrylic cluster cover for easy fast inspection of connections

FEATURES

- Reflector at the top of each stick for night time visual check
- Factory test report supplied with every set
- Unique serial number for traceability
- Inspected and tested to IEC 61230 standard

ALSO AVAILABLE

- Longer 2 piece sticks
- 50mm² conductor for higher fault current applications



Extendable Hotsticks

Cat No.

Description

CAR/ST-NZ-HG14880

RITZ PORTABLE EARTH SET, 35MM²

CAR/ST-NZ-HG14880-5

RITZ PORTABLE EARTH SET, 50MM²

TN11-33KV/SET

RITZ PORTABLE EARTH SET, 35MM², 2 PIECE STICKS



TEMPORARY 11/33KV EARTH SETS - SNAP ON CLAMP

Temporary earth sets with “snap on clamps” are available with a separate earth lead or with the earth looped into the set.

These spring loaded clamps make it extremely fast and easy to install the earths on overhead lines, the operator simply sets the preloaded jaw of each clamp and mounts them onto the application plate which is connected to a hotstick. Once the clamps are mounted to the application plate they are lifted above the conductor and pulled back down over it to snap into place.

These clamps are equally easy to remove, simply pull each clamp from the conductor with the clamp removal tool specifically

designed for use with these clamps.

A three phase set with separate earth lead helps to reduce the amount of weight being lifted into the air while the looped shorting and earth set offers the convenience of everything already being connected (this is ideal for urban applications).

ACCESSORIES

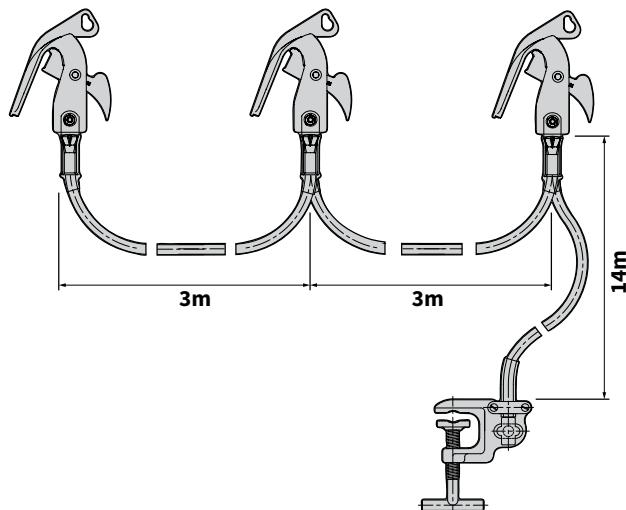
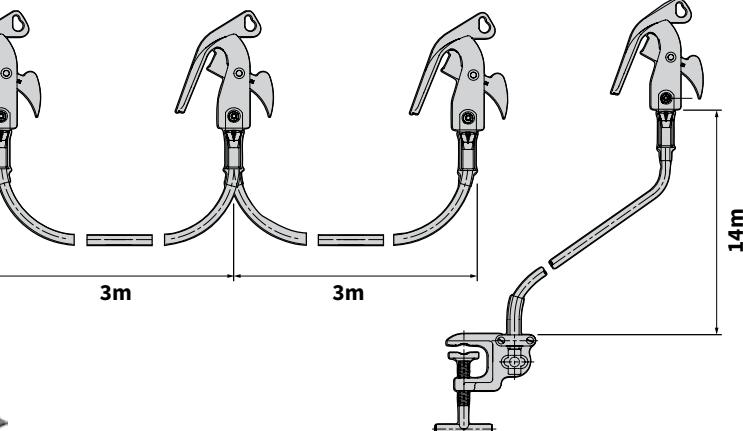
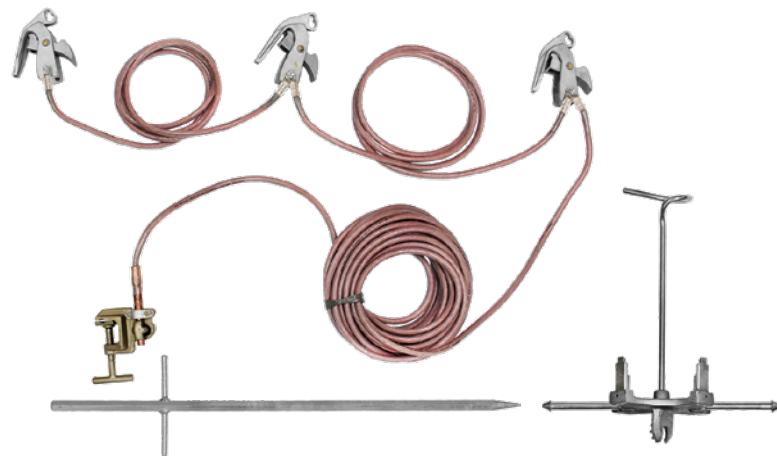
- Application platform – to attach snap on clamps to overhead lines, comes with universal hotstick attachment
- Clamp removal tool – to remove snap on clamps from overhead lines, comes with universal hotstick attachment



ATR-C-01400



ATR-C-01401



| Cat No. | Description |
|-------------|--|
| ATR-C-01400 | RITZ SNAP CLAMP PORTABLE EARTH SET WITH SEPARATE GROUND LEAD, 35MM ² CU |
| ATR-C-01401 | RITZ PORTABLE SNAP CLAMP EARTH SET WITH COMBINED GROUND LEAD, 35MM ² CU |
| ATR13628-1 | RITZ SNAP CLAMP |
| ATR1442-1 | RITZ SNAP CLAMP REMOVAL TOOL |
| ATR04694-1 | RITZ ALUMINIUM UNIVERSAL CLUSTER FOR INSTALLING & REMOVING GROUND CLAMPS |



LOAD LIFTING TOOLS & ACCESSORIES

WIRE GRIPS

Used to maintain temporary tension on cables until they can be permanently terminated. These grips are to be used for pulling lines up to tension only, and are not to be used as anchors. To select the correct wire grip simply determine the type of wire or cable to be tensioned, the size of that wire or cable and the maximum safe load required, all of this information is outlined in the table.

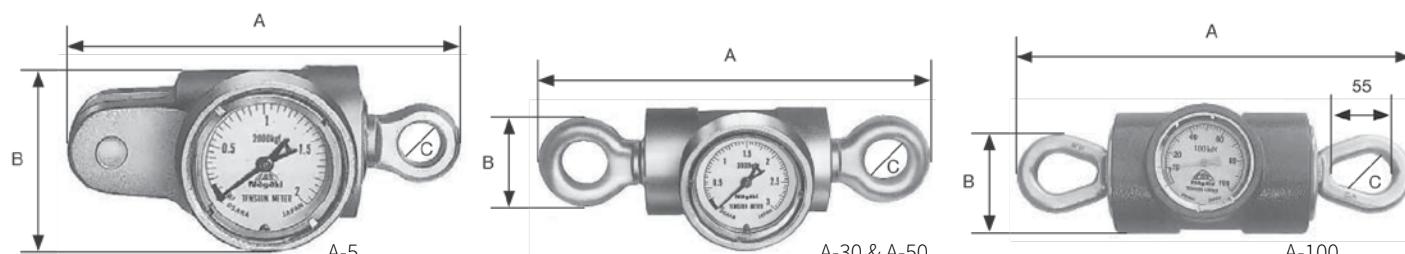
The grips have different jaw contours based on the type of wire or cable they are designed to be used on. The jaw length and contour determined ensures the least amount of damage or deformation of the cable or wire.



| Cat No. | Description | Type of Conductor | Eye Size | Safe Load | Conductor Dia Range (mm) | Weight (kg) |
|---------------|----------------|---|----------|-----------|--------------------------|-------------|
| TN500G | MINI-GRIP | STEEL ROD, BARBED WIRE & MESSENGER WIRE | STANDARD | 0.5T | 1-10 | 0.3 |
| TNABC | TNABC-GRIP | AERIAL BUNDLED CONDUCTOR | LARGE | 0.85T | 4 x 35 - 4 x 95 | 3 |
| TNSD-L-1000C | SD-L-GRIP | STEEL ROD, COPPER CABLE & MESSENGER WIRE | | | 2.6-15 | 0.6 |
| MESSEN-L-GRIP | MESSEN-L-GRIP | COPPER CABLE & MESSENGER WIRE | LARGE | 1.0T | 4-12 | 0.7 |
| TNS-1000CL | 1TON-L-GRIP | BARE COPPER CABLE, COVERED CONDUCTOR & MESSENGER WIRE | | | 4-22 | 1.1 |
| TNS-2000CL | 2TON-L-GRIP | BARE COPPER CABLE, COVERED CONDUCTOR & MESSENGER WIRE | | | 4-22 | 1.3 |
| TN2000MAL | AL-MIDDLE-GRIP | BARE ALUMINIUM & BARE COPPER CABLE | | | 5-25 | 1.8 |
| TN2000MCL | MIDDLE-L-GRIP | COPPER CABLE, COVERED CONDUCTOR & MESSENGER WIRE | LARGE | 2.0T | 5-25 | 1.8 |
| TN2000LAL | AL-LARGE-GRIP | BARE ALUMINIUM & BARE COPPER CABLE | | | 16-32 | 2 |
| TN2000LCL | LARGE-L-GRIP | COPPER CABLE & COVERED CONDUCTOR | | | 16-32 | 2.1 |

TENSION METERS

Used for measurement of tension and load when building and re-sagging lines. Small, strong and lightweight — Nagaki Tension Meters are available in a range of sizes and strengths.



| Cat No. | Description | Graduation | A | Dimensions (mm) | B | C | Weight (kg) |
|---------|-------------|-------------|-----|-----------------|-----|----|-------------|
| A-5 | 500 KG | 100N (10KG) | 110 | | 65 | 16 | 0.7 |
| A-30 | 3.0 TON | 500N (50KG) | 150 | | 80 | 28 | 2 |
| A-50 | 5.0 TON | 1KN (100KG) | 260 | | 95 | 28 | 3 |
| A-100 | 10 TON | 2KN (200KG) | 360 | | 100 | 38 | 7 |



STRAP HOISTS

Perfect for tasks such as pulling slack wire, tensioning cables, tightening guy wires or placing transformers etc, these units feature a nylon strap.



1702-20N



N1500P-EX



LUGALL 2-A

| Cat No. | Description |
|------------|--|
| 2-A | LUGALL STRAP HOIST 1TON |
| 2-B | LUGALL STRAP (SHOTGUN) HOIST 1-1.5TON |
| 3-A | LUGALL STRAP HOIST 1.5TON |
| N-1500P | STRAP HOIST 1.5TON, LENGTH 470-1940MM |
| N-1500P-EX | STRAP HOIST 1.5TON, LENGTH 500-2000/3500MM |
| 1702-20N | KLEIN HOWE WIRE TOOL (NYLON STRAP) |

SNATCH BLOCKS

With a 5/8" diameter, 16mm O.D. rope capacity and weighing just 1.2kg, these versatile units are a must have.

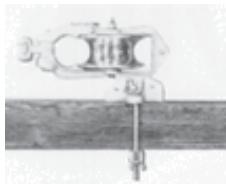
| Cat No. | Description |
|---------|---|
| 2230-1 | RITZ SNATCH BLOCK, RATED WORK LOAD 1250LB |



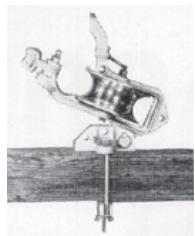


STRINGING ROLLERS

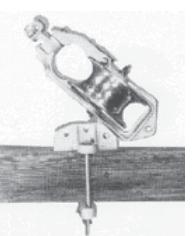
UNIVERSAL STRINGING ROLLER



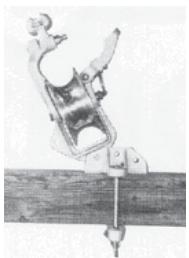
90 deg.



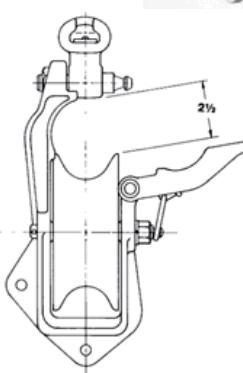
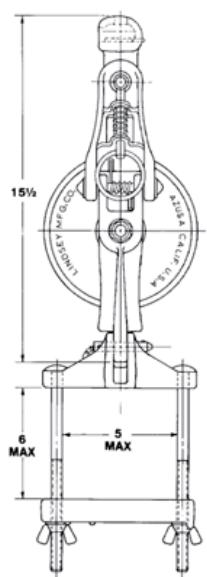
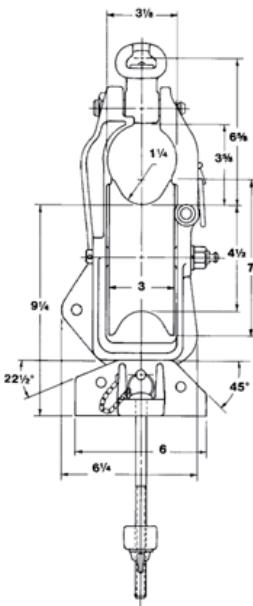
67.5 deg.



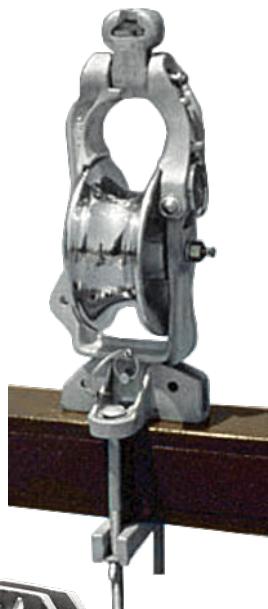
45 deg.



22.5 deg.



Keeper Locked
Open Position



TNCSR5930



TNCSR5900

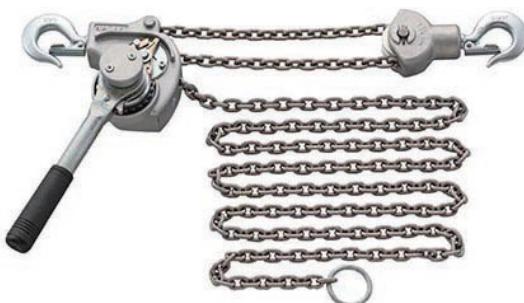
| Cat No. | Maximum Diameter of Conductor or Splice (mm) | Safe Working Load Suspended or Mounted (kN) | Combined Roller Weight (kg) |
|-----------|--|---|-----------------------------|
| TNCSR5930 | 45 | 11 | 6 |
| TNCSR5900 | 45 | 11 | 6 |

CHAIN TENSIONERS

CHAIN TENSIONER - RICKY

FEATURES

- 5mm diameter alloy chain link
- 1.5m pull
- 360° rotating handle
- Safety hook attachment
- All models certified to ISO9001 and ISO14001 standards



| Cat No. | Load Ton | Diameter of Chain (mm) | Contraction Length (mm) | Stretch Length (mm) | Lift Length (mm) | Handle Length (mm) | Weight (kg) |
|---------|----------|------------------------|-------------------------|---------------------|------------------|--------------------|-------------|
| RICKY-2 | 0.75T | 5 | 300 | 1800 | 1500 | 230 | 4 |
| RICKY-3 | 1.5T | 5 | 350 | 1850 | 1500 | 230 | 5 |



LIVE LINE ROPE

HY-DEE BRAIT ROPE

Hy-Dee is an 8-strand bi-polymer rope with extraordinary dielectric properties. The rope is nubby which provides excellent grip, and treated with a proprietary chemical mixture Yale calls Aralube-dielectric.



This treatment is the key to Hy-Dee Brait's wet dielectric performance and allows us to make the highest dielectric strength rope commercially available. Easy to splice with a tucking procedure or by the quick splice method illustrated.

Hy-Dee Brait complies to ASTM F1701-12 which calls for a maximum leakage of 250 micro-amperes at any time during the wet test. Electrodes are 1 foot apart, shielded and the test is conducted at 50KV-AC.

This product is 100% lot tested for dielectric conformance.

| Cat No. | Size (inch) | Roll Length (ft) |
|----------|-------------|------------------|
| 3/8HYDEE | 3/8 | 380 |
| 63071 | 9/16 | 600 |
| 7112932R | 1/2 | 600 |
| 7112940R | 5/8 | 600 |
| 7112948R | 3/4 | 985 |



Have you got your copy of the
TransNet Safety Catalogue?



HOTSTICKS & ACCESSORIES

RITZGLAS insulated hot sticks are available in many forms, they are made to the highest quality and offer effective protection for operators working on energised systems.

TRIANGULAR TELESCOPIC STICKS

The RITZGLAS Triangular Telescopic Hotstick was designed to make work with overhead electrical systems faster and easier for the operator. The standard aluminium universal head means it can accommodate standard fittings.

- Triangular shape requires no twisting to lock each section
- Each VTT Hot stick comes with a rubber ring and seal to secure the end fitting for storage and transportation

- Also available with metric measuring markers, useful for vertical span measurements (specify M when ordering)
- Modular system enables the operator to use only the number of sections required for each job. All sections are available separately in order to replace damaged sections of a stick
- Assembled with epoxy-resin reinforced fibreglass poles, the VTT range complies with ASTM F-1826/99 and IEC 62193/03

| Cat No. | Description |
|---------|-------------------------------|
| VTT-2 | STANDARD TELEPOLE 1.42-2.58M |
| VTT-3 | STANDARD TELEPOLE 1.49-3.8M |
| VTT-4 | STANDARD TELEPOLE 1.52-5.00M |
| VTT-5 | STANDARD TELEPOLE 1.57-6.42M |
| VTT-6 | STANDARD TELEPOLE 1.64-7.77M |
| VTT-7 | STANDARD TELEPOLE 1.68-9.14M |
| VTT-8 | STANDARD TELEPOLE 1.72-10.5M |
| VTT-9 | STANDARD TELEPOLE 1.76-12.05M |



MEASURING TRIANGULAR TELESCOPIC STICKS

| Cat No. | Description |
|----------|--------------------------------|
| VTT-1/4M | MEASURING TELEPOLE 1.54-5.10M |
| VTT-1/7M | MEASURING TELEPOLE 1.68-9.14M |
| VTT-1/8M | MEASURING TELEPOLE 1.72-10.5M |
| VTT-1/9M | MEASURING TELEPOLE 1.76-12.05M |



TRIANGULAR TELESCOPIC STICK SPARE PARTS

| Standard Stick Section | Measuring Stick Section | | | | Description |
|------------------------|-------------------------|----------|----------|----------|-------------|
| | VTT-1/4M | VTT-1/7M | VTT-1/8M | VTT-1/9M | |
| VT-1 | VT1M-4 | VT1M-7 | VT1M-8 | VT1M-9 | 1ST SECTION |
| VT-2 | VT2M-4 | VT2M-7 | VT2M-8 | VT2M-9 | 2ND SECTION |
| VT-3 | VT3M-4 | VT3M-7 | VT3M-8 | VT3M-9 | 3RD SECTION |
| VT-4 | VT4M-4 | VT4M-7 | VT4M-8 | VT4M-9 | 4TH SECTION |
| VT-5 | - | VT5M-7 | VT5M-8 | VT5M-9 | 5TH SECTION |
| VT-6 | - | VT6M-7 | VT6M-8 | VT6M-9 | 6TH SECTION |
| VT-7 | - | VT7M-7 | VT7M-8 | VT7M-9 | 7TH SECTION |
| VT-8 | - | - | VT8M-8 | VT8M-9 | 8TH SECTION |
| VT-9 | - | - | - | VT9M-9 | 9TH SECTION |





GRIP ALL CLAMPSTICKS

Made from RITZGLAS, Grip All Clampsticks are the most versatile tool in a line workers hands. The Grip all stick puts an easy-to-control finger on an insulated pole. Primarily designed for installing hot-line and grounding clamps, it proves useful in many other applications with various end fittings.

Commonly called a 'shotgun' the operating mechanism incorporates a sliding hand grip that opens the hook to grasp a clamp eye screw and retract it into the tool head. A thumb latch then must be depressed to release the locked hand grip so it can open the hook.

| Cat No. | Description |
|-----------|--------------------------------|
| C403-0291 | STANDARD GRIPALL STICK 1.35M |
| C403-0292 | GRIPALL STICK 1-1/4 x 6' 5-1/2 |
| C403-0293 | GRIPALL STICK 2.58M |



UNIVERSAL STICKS

The RITZGLAS Universal Sticks (also known as Sectional sticks) are made up of foam filled unicellular Polyurethane, dielectrically tested to 100kV/ft according to ASTM F711. In order to make handling, storage and transportation more practical, the Sectional Hotstick is made up of standardised sectional elements which

are interchangeable and attached with quick spring-action locking pins.

- The total length can be increased or reduced by adding or removing sections thus altering the working voltage class
- 38mm OD handle and middle sections, 32mm OD top section



| Cat No. | No. of Pieces | Max Length (m) |
|---------|---------------|----------------|
| VMR-15 | 1 | 1.25 |
| VMR-30 | 2 | 2.70 |
| VMR-45 | 3 | 3.95 |
| VMR-70 | 4 | 5.20 |
| VMR-90 | 5 | 6.45 |

UNIVERSAL STICK SPARE PARTS

| Cat No. | Description |
|---------|---------------------------|
| VMR-I | INTERMEDIARY SECTION POLE |
| VMR/L-I | INTERMEDIARY SECTION POLE |
| VMR-P | BASE SECTION POLE |
| VMR/L-P | BOTTOM SECTION POLE |
| VMR-S | END ELEMENT STICK |
| VMR/L-S | LIGHT END ELEMENT STICK |





HOTSTICK STORAGE BAGS

| Cat No. | Type of Stick | To Fit Stick |
|----------|---------------------|---------------|
| SLT-2/3 | | VTT-2 & VTT-3 |
| SLT-4/5 | | VTT-4 & VTT-5 |
| SLT-6/7 | SINGLE PIECE STICKS | VTT-6 & VTT-7 |
| SLT-8/9 | | VTT-8 & VTT-9 |
| SLD-15/B | | VMR-15 |
| SLD-30/B | MULTI PIECE STICKS | VMR-30 |
| SLD-45/B | | VMR-45 |
| SLD-70/B | | VMR-70 |



SLT - Single piece sticks



SLD - Multi piece sticks

CLEANING, REPAIR & MAINTENANCE

HOTSTICK REPAIR KITS

Repair damage to hotstick surfaces to ensure integrity of dielectric strength and insulation capabilities. These repair and reglossing kits offer protection to the surface of the hotstick to seal them from contaminants.

| Cat No. | Description |
|------------|-----------------------------------|
| H1917 | AB CHANCE BOND PATCHING KIT |
| C400-2364 | AB CHANCE MOISTURE EATER II, 1GAL |
| RT400-0803 | RITZ GLOSS RESTORER KIT |



H1917



C400-2364

LIVE LINE CLEANERS

In order to keep live line gloving equipment in the best working condition it is important to keep it clean. These products will remove dirt and contaminants without damaging the integrity of the equipment.

| Cat No. | Description |
|-----------|---|
| S4 | LIQUID RUBBER CLEANER, 1GAL |
| C400-2365 | AB CHANCE EPOXIGLASS CLEANING KIT |
| S-1 | DISPOSABLE SILICONE WIPING CLOTH |
| M1904 | AB CHANCE REUSEABLE SILICONE WIPING CLOTH |



S-1



M1904



C400-2365



S4



HOTSTICK TOOL ACCESSORIES

All Tools listed in this section have the universal head for perfect connection to universal hot sticks. These tools have been selected because of the work they enable Linemen to do when working with the Hotstick method. Each tool is

designed to do a specific task even when angles and working positions present a challenge.

There are many more universal tools available on request, please contact customer service for details.

TNHSFP

Pigtail hand & hotstick disconnect head.

| Cat No. | Weight (kg) | Details |
|---------|-------------|---|
| TNHSFP | 0.03 | UV STABILISED STURDY PLASTIC FUSE PULLER WITH PIGTAIL HEAD. HAND OR HOTSTICK OPERATED |



DUALPULLER

Disconnect head, dual fitting.

| Cat No. | Weight (kg) | Details |
|------------|-------------|--|
| DUALPULLER | 0.13 | SERVICE FUSE AND DDO DISCONNECT IN ONE |



M4455-9

Ritz disconnect tool for DDO

| Cat No. | Weight (kg) | Details |
|---------|-------------|--|
| M4455-9 | 0.06 | USED FOR OPERATING SWITCHES, OPENING ENCLOSED CUTOUTS ETC. |



M4455-71

AB Chance disconnect head.

| Cat No. | Weight (kg) | Details |
|----------|-------------|---|
| M4455-71 | 0.09 | POINTED DISCONNECT USED TO OPERATE CERTAIN TYPES OF DISCONNECT SWITCH |





FC-P101770-01

Tool for extracting fuse base from NZI ceramic pole fuse

| Cat No. | Weight (kg) | Details |
|---------------|-------------|---|
| FC-P101770-01 | 0.87 | USED TO REMOVE AND REPLACE THE FUSE BASE IN A K293 FUSE SWITCH DISCONNECT |



K293-TOOL

Tool for extracting fuse base from K293 FSD unit

| Cat No. | Weight (kg) | Details |
|-----------|-------------|---|
| K293-TOOL | 0.12 | USED TO REMOVE AND REPLACE THE FUSE BASE IN A K293 FUSE SWITCH DISCONNECT |



M4455-26A

Ritz fine tooth pruning saw.

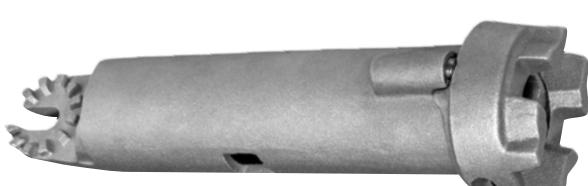
| Cat No. | Weight (kg) | Details |
|-----------|-------------|--|
| M4455-26A | 0.36 | USED FOR CUTTING TREES THAT ARE CLOSE TO ENERGISED LINES |



M4455-29/B

Ritz clamp stick head with plastisol covered jaws.

| Cat No. | Weight (kg) | Details |
|------------|-------------|--|
| M4455-29/B | 0.3 | 152MM UNIVERSAL CLAMP STICK HEAD, FOR INSTALLATION AND REMOVAL OF EYESCREW GROUNDING CLAMPS ON ENERGISED OR DE-ENERGISED SYSTEMS |





M4455-77

Ritz HRC fuse puller 2.7-38mm O.D.

| Cat No. | Weight (kg) | Details |
|----------|-------------|--|
| M4455-77 | 0.97 | USED TO INSTALL OR REMOVE FUSES FROM 13-38MM OD WHILST LINES ARE ENERGISED. FULLY ADJUSTABLE AND ABLE TO BE PRESET WITHOUT LOCKING SO IT WILL ALIGN WITH THE FUSE DURING THE PULLING OPERATION |



M4455-92

Ritz conductor cleaning brush with adaptor.

| Cat No. | Weight (kg) | Details |
|----------|-------------|---|
| M4455-92 | 0.53 | 64MM DIAMETER SEMI-TUBULAR SHAPE CONDUCTOR CLEANING BRUSH WITH SWIVEL HEAD AND UNIVERSAL FITTING ALLOW LINEMEN TO CLEAN THE ENTIRE CIRCUMFERENCE OF THE ENERGIZED CONDUCTOR |



TNGPSSA

Adaptor for Go-Pro camera mounting case.

| Cat No. | Weight (kg) | Details |
|---------|-------------|--|
| TNGPSSA | 0.06 | USED TO ASSESS ASSETS FOR MAINTENANCE OR UNDER FAULT CONDITIONS TO DOCUMENT DAMAGE ETC |



TNWG4/32

Diameter measuring gauge 4-32mm O.D.

| Cat No. | Weight (kg) | Details |
|----------|-------------|---|
| TNWG4/32 | 0.09 | USED TO IDENTIFY AND ACCURATELY MEASURE OVERHEAD CONDUCTORS |





ABC TOOLS

ABC INSTALLATION PULLEY

- Maximum load is 250kg
- Provides clear working space for field staff
- No lifting of cables required, simply pull them through the pulley and terminate into suspension clamp



| Cat No. | Description |
|---------|--|
| PO | INSTALLATION PULLEY UP TO 250KG, 4C 25 – 4C 150MM ² |

ABC PULLING SOCK

- Nylon stranding, Alloy ferrule and soft eye
- For use on 4 x 95mm² ABC
- Grip length is approximately 800mm
- Maximum pull is approximately 25kN



| Cat No. | Description |
|---------|---------------------------------------|
| LV495 | PULLING SOCK 4C 95MM ² ABC |

SWIVEL

- For use with pulling socks to eliminate twist
- 1.5T safe working load
- Length 125mm
- Diameter 40mm



| Cat No. | Description |
|---------|-------------|
| SWIVEL | 1.5T SWIVEL |



ABC WIRE GRIP

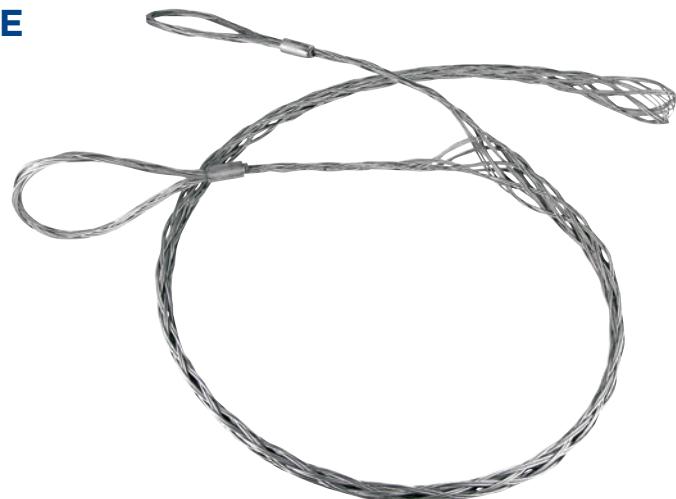
- Jaw size 190mm
- Minimum cable size 4x35mm²
- Maximum cable size 4x95mm²
- Weight 3kg



| Cat No. | Jaw Length (mm) | Min Cable Diameter (mm ²) | Max Cable Diameter (mm ²) | Weight (kg) |
|------------|-----------------|---------------------------------------|---------------------------------------|-------------|
| TNABC-GRIP | 190 | 4 x 35 | 4 x 95 | 3 |

HV ABC STRINGING EQUIPMENT

CABLE PULLING SOCKS - DOUBLE EYE



| Cat No. | To Fit 11kV HV ABC (mm ²) |
|-----------------|---------------------------------------|
| TNHV335-NMS-11 | 35 |
| TNHV350-NMS-11 | 50 |
| TNHV370-NMS-11 | 70 |
| TNHV395-NMS-11 | 95 |
| TNHV3120-NMS-11 | 120 |
| TNHV3185-NMS-11 | 185 |



CABLE PULLING SOCKS - SINGLE EYE

| Cat No. | To Fit Catenary HV ABC |
|------------|------------------------|
| TNHV-C1010 | 19/2.00 SC/GZ |
| TNHV-C1012 | 7/4.75 AAAC |
| TNHV-C1014 | 19/3.50 AAAC |



LADDERS

BRATTS TIMBER LADDERS

Bratts have been making ladders since 1895 and are suppliers of non-conductive access equipment to all major electricity company in the UK, Bratts also supply telecom and gas utilities, chemical, oil, rail, aviation, construction and similar industries worldwide. Bratts are well known as a quality manufacturer of BS1129 Class 1 Kitemark Timber and BS EN131 Kitemark Glassfibre ladders, stepladders and specialist access

products for industrial use. Bratts also supply a large range of safety equipment and BS2037 Class 1 Kitemarked Aluminium ladders and stepladders.

Bratts can make access equipment to your specification, quote for repairs, run certified training courses and offer advice and run maintenance routines. They are still maintaining timber ladders they supplied to the electric supply industry over 25 years ago!

ACCESSORIES

- Suction Feet
- Octopus Feet
- Serrated R/Blk Feet
- Rubber Block for WC Ladder
- Bows
- Web Bow
- GF/Bow
- B/Bow
- Fixed Bow
- V/Bow
- A/Bow
- Clam Cleat & Rope
- Engraving up to 10 Characters



Auto clutch, Rope op & Octopus feet



Cleat and Rope



Web Pole Bow



Manufactured from Douglas Fir stiles with Ash rungs housed full section, glued and pinned into blind holes at 250 mm centres. Tie rods are fitted at intervals or every rung if required. All ladders marked with an asterisk are reinforced with steel wire or non-conductive materials for use where there are Electrical Hazards. All British Standard Extending Ladders and Three Section Ladders over 3.00m closed length should be rope operated. All metal fittings are rust-proofed. Varnished Finished.

TWO SECTION TIMBER LADDER, CLASS 1

| Cat No. | Size Closed | | Size Extended | | Approx. Weight |
|---------|-------------|---------|---------------|---------|----------------|
| HHD08 | 2.36M | 7' 9" | 4.14M | 13' 7" | 15.0 KG |
| HHD09 | 2.67M | 8' 9" | 4.80M | 15' 0" | 17.0 KG |
| HHD10 | 3.00M | 9' 10" | 5.41M | 17' 9" | 18.0 KG |
| HHD11 | 3.28M | 10' 9" | 5.79M | 19' 0" | 21.0 KG |
| HHD12 | 3.63M | 11' 10" | 6.68M | 21' 11" | 24.0 KG |
| HHD14 | 4.19M | 13' 9" | 7.70M | 25' 3" | 29.0 KG |
| HHD16 | 4.75M | 15' 7" | 8.71M | 28' 7" | 34.0 KG |
| *HHD18 | 5.41M | 17' 9" | 9.98M | 32' 9" | 43.0 KG |
| *HHD20 | 6.00M | 19' 8" | 11.0M | 36' 1" | 52.0 KG |

Note: Add 'T' to codes for tie rods each rung

Note: Add 'R' to code for rope operation

THREE SECTION TIMBER LADDER, CLASS 1

| Cat No. | Size Closed | | Size Extended | | Approx. Weight |
|---------|-------------|---------|---------------|---------|----------------|
| HDT08 | 2.36M | 7' 19" | 5.41M | 17' 9" | 28.0KG |
| HDT10 | 3.00M | 9' 10" | 7.70M | 25' 3" | 30.0KG |
| *HDT12R | 3.63M | 11' 10" | 9.22M | 30' 3" | 38.0KG |
| *HDT14R | 4.19M | 13' 9" | 10. M | 36' 1" | 47.0KG |
| *HDT16R | 4.75M | 15' 7" | 12.80M | 42' 0" | 70.0KG |
| *HDT18R | 5.41M | 17' 9" | 14.30M | 46' 11" | 90.0KG |
| *HDT20R | 6.00M | 19' 8" | 15.82M | 51' 11" | 101.0KG |

Note: Add 'T' to codes for tie rods each rung

Note: Add 'R' to code for rope operation



POP'N'WORK TENTS

Pop'N'Work tents provide a safe and comfortable work environment to increase productivity and reduce weather related delays. Made from a lightweight, UV protective polyester that is water repellent and flame resistant to CPAI-84 standards. Pitched roof provides extra headroom and structural strength to hang tools & lights.

FEATURES

- Sizes from 4' x 4' up to 12' x 10'
- Two year guarantee on the frame
- Set up in seconds
- No loose parts
- Lightweight and durable
- Convenient - POP'N'WORK Quick-Pack, tent rolls up into carrying case, no separate bag
- Exclusive POP'N'WORK unified frame made with cold rolled steel and fibreglass is virtually unbreakable
- Tie downs for windy weather
- One or two door options
- Screen windows with flap
- Vent ports

- Floor available
- Beyond just adding a logo we can engineer a tent to your specific application



Type - AERIAL BUCKET TENTS

Supplied With Fibreglass Non-conductive Dielectric Frames

Type - FX TENTS

Include X frame on back wall for added stability. Frames made from cold rolled steel and fibreglass, virtually unbreakable frames. Hi-vis covers, flame retardant, UV treated and water repellent.

Type - GS TENTS

Include two full side wall tension frames for added stability. Frames made from cold rolled steel and fibreglass, virtually unbreakable frames. Hi-vis covers, flame retardant, UV treated and water repellent. SIP models feature split rear ground strut

NOTE: Customise your Pop'n'Work tent by adding your logo, for more information and costs associated with this option please contact our customer service team.

| Cat No. | Imperial Size D x W (ft) | Metric Size D x W (m) | Type | Height (m) | Details |
|-------------|--------------------------|-----------------------|--------------------|------------|--|
| 4800D | 4 x 4 | 1.2 x 1.2 | | - | CANOPY WITH WINDOW, DETACHABLE CURTAIN WALLS C/W FRAME AND MOUNTING BRACKETS |
| 4800DC | 4 x 4 | 1.2 x 1.2 | AERIAL BUCKET TENT | - | CANOPY WITH WINDOW, C/W FRAME AND MOUNTING BRACKETS |
| 4800DP | 4 x 4 | 1.2 x 1.2 | | - | CANOPY WITH WINDOW, FIXED CURTAIN WALLS C/W FRAME AND MOUNTING BRACKETS |
| 4800DS | 4 x 4 | 1.2 x 1.2 | | - | CANOPY C/W FRAME AND MOUNTING BRACKETS |
| GS-4411A | 4 x 4 | 1.2 x 1.2 | | 2.0-1.8 | 'A' SHAPE FRONT DOOR |
| GS4412 | 4 x 4 | 1.2 x 1.2 | GROUND TENT | 2.0-1.8 | ROLL UP FRONT DOOR |
| GS4423 | 4 x 4 | 1.2 x 1.2 | | 2.0-1.8 | ROLL UP FRONT DOOR & 'A' SHAPE REAR DOOR |
| GS-4423SIP | 4 x 4 | 1.2 x 1.2 | | 2.0-1.8 | ROLL UP FRONT & 'A' SHAPE REAR DOORS, SPLIT REAR GROUND STRUT |
| GS4423VT | 4 x 4 | 1.2 x 1.2 | VERSA TENT | 1.8-1.5 | SLOPED ROOF, ROLL UP FRONT & 'A' SHAPE REAR DOORS |
| PEDPAL2 | 4 x 5 | 1.2 x 1.6 | COMPACT TENT | 1.6 | SINGLE 'A' SHAPE FRONT DOOR |
| GS-6411A | 6 x 4 | 1.8 x 1.2 | GROUND TENT | 2.0-1.8 | 'A' SHAPE FRONT DOOR |
| GS-6423SIP | 6 x 4 | 1.8 x 1.2 | GROUND TENT | 2.0-1.8 | ROLL UP FRONT & 'A' SHAPE REAR DOORS, SPLIT REAR GROUND STRUT |
| GS-6523VT-F | 6 x 5 | 1.8 x 1.6 | VERSA TENT | 2.0-1.8 | SLOPED ROOF, ROLL UP FRONT & 'A' SHAPE REAR DOORS |
| GS-6611A | 6 x 6 | 1.8 x 1.8 | GROUND TENT | 2.0-1.8 | 'A' SHAPE FRONT DOOR |
| GS6623CV | 6 x 6 | 1.8 x 1.8 | GROUND COVER ONLY | - | FULL WIDTH ROLL UP DOOR & SLIT DOOR |
| GS-6623SIP | 6 x 6 | 1.8 x 1.8 | GROUND TENT | 2.0-1.8 | ROLL UP FRONT & 'A' SHAPE REAR DOORS, SPLIT REAR GROUND STRUT |
| GS-8623 | 8 x 6 | 2.4 x 1.8 | | 2.3-1.8 | ROLL UP FRONT & 'A' SHAPE REAR DOORS |
| GS-8723VT-F | 8 x 7 | 2.4 x 2.1 | VERSA TENT | 2.3-2.0 | SLOPED ROOF, ROLL UP FRONT & 'A' SHAPE REAR DOORS |
| GS-8811A | 8 x 8 | 2.4 x 2.4 | | 2.3-1.8 | ROLL UP FRONT DOOR |
| GS-8823SIP | 8 x 8 | 2.4 x 2.4 | | 2.3-1.8 | ROLL UP FRONT & 'A' SHAPE REAR DOORS, SPLIT REAR GROUND STRUT |
| GS10823 | 10 x 8 | 3.0 x 2.4 | GROUND TENT | 2.6-2.0 | ROLL UP FRONT & 'A' SHAPE REAR DOORS |
| FX101011 | 10 x 10 | 3.0 x 3.0 | | 2.6-2.3 | 'A' SHAPE FRONT DOOR |
| FX121023 | 12 x 10 | 3.6 x 3.0 | | 2.6-2.3 | ROLL UP FRONT & 'A' SHAPE REAR DOORS |
| GS-16822HDD | 16 x 8 | 4.8 x 2.4 | | 2.6-2.1 | 2 x ROLL UP ZIPPER DOORS & SIDE VELCRO OPENING FLAP |
| SA48 | - | - | SUCTION CUPS | - | 2PC SET SUCTION CUPS W/WEBBING TENSIONING STRAPS |



POP'N'WORK POP UP WORK SHELTERS

POP'N'WORK UMBRELLAS

Pop'N'Work Umbrellas have heavy duty frames that can withstand strong winds.

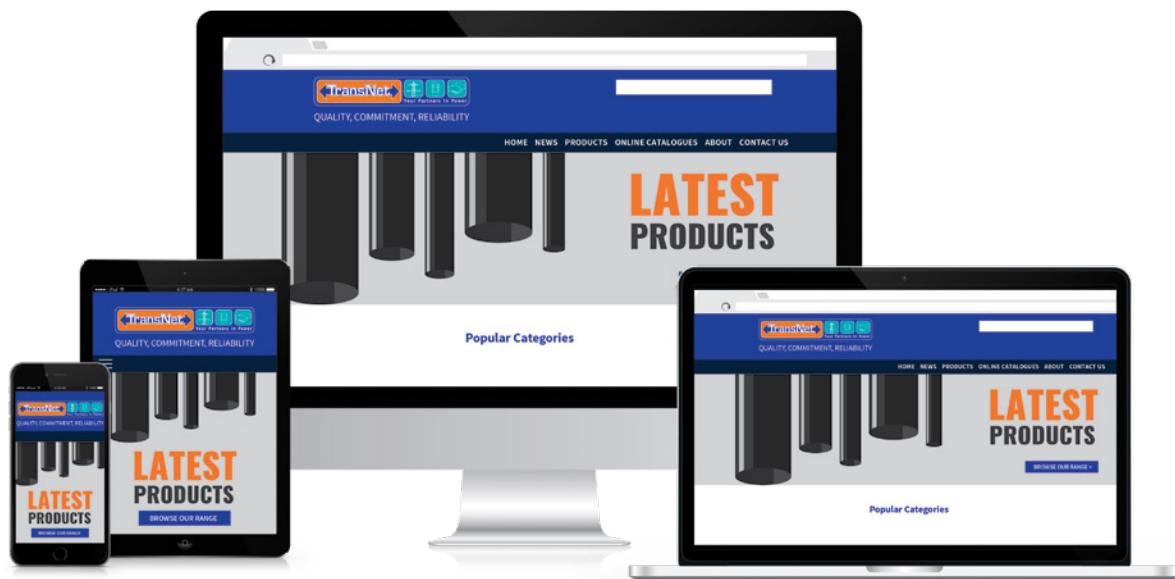
FEATURES

- Eight panel umbrella with a two piece pointed pole
- 25 degree tilt pole versions available
- Standard colour is yellow, other colours available on special order
- 10 oz Yellow vinyl laminate fabric
- Flame retardant to meet CPAI-84 requirements
- UV treated, waterproof and rot resistant
- Two piece Aluminium pole with Steel spreaders and ribs



| Cat No. | Size | Type |
|---------|--------------------------------------|--|
| 5484MS | 54" x 54" | SQUARE FOUR PANEL UMBRELLA, WITH SEALED SEAMS. COMPLETE WITH TWO PIECE TILTING POLE AND STORAGE BAG |
| 8492M | 84" DIA | OCTAGONAL EIGHT PANEL UMBRELLA, WITH SEALED SEAMS. COMPLETE WITH TWO PIECE TILTING POLE AND STORAGE BAG |
| UCCS | 84" DIA | UMBRELLA AND KOOL KLAMP SYSTEM, 8492M UMBRELLA, TWO PIECE TILTING POLE WITH FOUR HEAVY DUTY SUCTION CLAMPS AND STORAGE BAG |
| STN2-SD | 40" x 40" | LIGHTWEIGHT UMBRELLA STAND, FOLD-UP LEGS. 1M x 1M OPEN BASE |
| STN1-HD | 24" x 43" (44" x 81" EXTENDED) | HEAVY DUTY UMBRELLA STAND WITH EXPANDABLE BASE TO 44" x 81" |

Get the latest information from our website



Test Reports • Datasheets • Catalogues

www.transnet.co.nz



RESCUE KIT

LOW VOLTAGE RESCUE KIT

In order to maintain a safe work environment we must take all necessary precautions to deal with an emergency should one occur. One of the easiest precautions to make for people working in the electricity industry is to have an LV rescue kit on site in situations where electric shock could occur.

For ease of identification this LV Rescue Kit is supplied in a heavy duty yellow bag, it is clearly labelled and there is a contents list printed on the inside flap of the bag. This list helps ensure the kit is complete and if it's found to be incomplete it is easy to determine what is missing so it can be restocked.

Designed for use in emergencies around LV electrical systems. It is perfect for all staff tasked with working on live LV electrical systems whatever the location.

FEATURES

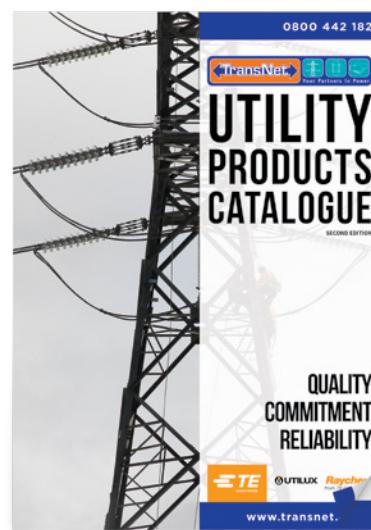
- High quality rescue kit, complies with all relevant standards
- Essential for anyone working on live electricity and live poles
- Suitable for anyone at risk of electric shock including emergency services

KIT CONTAINS

- Electrosoft 1000V Electrical Gloves Size 10
- First Aid Booklet
- Multi Trauma Dressing
- 'Isolate Here' Sign
- LV Rescue Hook
- Eveready 2D Brilliant Beam Torch VAL2D
- Fire Blanket 1.2m x 1.8m AS/NZS 3504 Approved
- Heavy duty yellow storage bag



| Cat No. | Description |
|-------------|--|
| LVRESCUEKIT | RESCUE KIT FOR WORK ON LOW VOLTAGE SWITCHBOARDS ETC. |



TransNet Utility Products Catalogue
Second Edition available now.



CLAMP METERS

MD9272 LEAKAGE CLAMP TRMS METER WITH POWER FUNCTIONS

KEY FEATURES

- Jaw size 28 mm
- Shielded Jaw for noisy environments
- Intelligent loss analysis detect loss & allow determining possible reasons for current loss.
- Measures current or voltage harmonic components & percentage value of a harmonic up to the 19th
- Dual display allows readings to be

displayed along with Total Harmonic Distortion (THD) or Power Factor (PF)

- Peak value of waveform or crest factor can be displayed.
- MAX/MIN/HOLD mode display

MEASURING FUNCTIONS

- TRMS AC, DC voltage measurement
- TRMS AC current measurement
- Frequency measurement
- Power parameters measurement



| Cat No. | Description |
|---------|---|
| MD9272 | LEAKAGE CLAMP TRMS METER WITH POWER FUNCTIONS, CAT IV 300V/CAT III 600V |

MD9226 TRMS CURRENT CLAMP METER

KEY FEATURES

- Auto-ranging
- LCD display with backlight, 3-5/6 digit, 6000 count
- Automatic, non-contact detection of electromagnetic fields to locate and trace live conductors
- Data hold function
- MIN/MAX/AVG function
- Peak value
- Relative zero
- 35 mm jaw opening

- CAT IV / 300 V, CAT III / 600 V overvoltage categories

MEASURING FUNCTIONS

- DC and TRMS AC voltage up to 600 V
- DC and TRMS AC current measurement up to 600 A
- Resistance measurement
- Acoustic continuity test
- Diode test
- Frequency measurement
- Capacitance measurement



| Cat No. | Description |
|---------|--|
| MD9226 | METREL AC/DC CLAMP, TRMS UP TO 600A, CAT IV 300V |

MD9250 INDUSTRIAL TRMS AC/DC CLAMP METER

KEY FEATURES

- Auto-ranging
- Large 55mm jaw opening
- LCD display with backlight
- True RMS
- High current 2000A DC & AC
- Lo-Z AutoCheck® mode provides low (ramp-up) input impedance
- AC/DC voltage or resistance auto-detection

- Transient protection in case of lightning strike or switching surge up to 12 kV.
- Relative zero mode
- PC Link to download test results
- Fast 5ms Crest-MAX mode to capture in-rush currents.
- Temperature up to 1000 °C and 1832 °F.
- Data hold function
- CAT IV / 1000 V overvoltage protection



| Cat No. | Description |
|---------|--|
| MD9250 | METREL INDUSTRIAL TRMS AC/DC CLAMP METER, CAT IV 1000V |



MULTIMETERS

MD9070 INSULATION/CONTINUITY DIGITAL MULTIMETER

KEY FEATURES

- TRMS for accurate readings of sinusoidal and non-sinusoidal signals
- PI/DAR feature
- VFD feature makes the instrument capable of measuring the true values in accordance with frequency
- Auto-ranging
- Relative zero for comparing the difference between signals or removing background noise
- MAX/MIN/AVG function
- Data Hold feature freezes the display for later view
- Backlight for working in dark conditions

MEASURING FUNCTIONS

- TRMS measurement
- Insulation resistance measurement, up to 1kV
- Earth continuity measurement with 200mA
- Resistance measurement
- Diode test
- Mains supply frequency measurement

APPLICATIONS

- Insulation and earth continuity tester for preventive maintenance
- High level industrial testing
- High level electronic fault finding
- Field servicing
- Heavy duty electrical testing



Cat No.

Description

MD9070 INSULATION/CONTINUITY DIGITAL MULTIMETER CAT IV 600V/CAT III 1000V

MD9060 DIGITAL MULTIMETER

KEY FEATURES

- One of the most accurate multimeters with a large bandwidth and very high resolution
- Equipped with a built-in VFD feature, making it capable of measuring the true values in accordance with frequency
- Large 2-line 500,000 counts LCD display
- Fast data acquisition and transfer (via optical interface)
- TRMS current and voltage measurement
- Conductance measurement
- Wide range of extra features, including data hold, memory, min / max, average, differential, peak, peak / peak

with extra fast 1ms response time, auto power off, frequency filter, reset and relative function

MEASURING FUNCTIONS

- TRMS AC, DC voltage measurement
- TRMS AC, DC current measurement
- Capacitance measurement
- Resistance measurement
- Diode test
- Mains supply frequency measurement
- Frequency of digital signals measurement
- Continuity test (acoustic signaling)
- Conductance measurement
- Temperature measurement



Cat No.

Description

MD9060 DIGITAL MULTIMETER, CAT IV 1000V



CONTACT VOLTAGE DETECTORS

2xxHVD CAPACITIVE HIGH VOLTAGE DETECTOR

FEATURES

- Automatic and manual activation
- Indoor/outdoor use, in all weather
- Rugged, reinforced nylon molded casing
- Shock, drop and vibration resistant
- Low battery detection
- Supplied with a cleaning kit
- Visual indication shows armed unit
- Visual and audible indication when voltage is detected
- Approximate weight: 550g (with battery)
- Compatible with all hot sticks

- Auto off (if no voltage detected)
- Comes in handy storage/carry case
- Built-in proving and self-test circuit
- High bright color-coded LEDs
- Uses standard 9V battery (included)
- Interchangeable contact electrode
- 11kV System voltage
- Customised threshold on demand
- IP65, waterproof design

NOTE: The internal proofing circuit does not test the contact electrode and the protection devices.



| Cat No. | System Voltage (kV) | Threshold Set Within Range (kV) | Threshold (kV) |
|---------|---------------------|---------------------------------|----------------|
| 212HVD | 4/15 | 1.9–2.1 | 2 |
| 213HVD | 11 | 1.65–4.4 | 3.02 |
| 214HVD | 33 | 4.95–13.2 | 9.07 |
| 215HVD | 66 | 11–13 | 12 |
| 216HVD | 132 | 11–13 | 12 |
| 217HVD | 11/33 | 3.3–4.95 | 4.12 |
| 218HVD | 44/132 | 11–13 | 12 |
| 219HVD | 66/132 | 11–13 | 12 |
| 220HVD | 6.6/132 | 2–3 | 2.5 |
| 221HVD | 11/132 | 4.4–6.6 | 5 |
| 222HVD | 11/44 | 4.4–5 | 4.75 |
| 223HVD | 33/132 | 11–13 | 12 |
| 224HVD | 44 | 6.6–17.6 | 12 |
| 225HVD | USER DEFINED | USER DEFINED | USER'S SPEC. |
| 226HVD | 12/36KV | 5.0–6.0 | 5.4 |

Note: Not all models are available ex stock, please contact us for details.



NON-CONTACT VOLTAGE DETECTORS

TNLVD-17 NON-CONTACT ADJUSTABLE VOLT STICK

Designed for non-contact voltage detection. Sensitivity adjustable with a handy thumb wheel. For use on power wiring, lighting, thermostats and other low voltage circuits. A bright LED & audible alarm sound when voltage is present & an LED shows battery level.

MEASURING FEATURES

- EN61010-1 CAT IV 1000V
- Frequency 50–500Hz
- Voltage detection 50V–1000V AC
- Indication LED and Tone
- Humidity <80% RH, Altitude 2000m Max



| Cat No. | Description |
|----------|---|
| TNLVD-17 | ADJUSTABLE NON-CONTACT VOLT STICK, CAT IV 1000V |

TNLVD-15 NON-CONTACT VOLT STICK

Designed for non-contact voltage detection, can be used to find a break in a wire. Bright LED and audible alarm sound when voltage is present. Handy flash light function & On/Off switch for long battery life.

MEASURING FEATURES

- EN 61010-1 CAT III 600V, EN 61323-1

- Voltage detection 50V–1000V AC
- Frequency 50–500Hz
- Indication LED and Tone
- Operating Conditions temperature 0°C, Humidity Less than 80% R.H, Altitude 2000m Max



| Cat No. | Description |
|----------|--------------------------------------|
| TNLVD-15 | NON-CONTACT VOLT STICK, CAT III 600V |

MD106 NON-CONTACT VOLTAGE DETECTOR

The MD106 is a basic non-contact voltage tester with optical and acoustical indicators. It can detect live-voltage wires in splices, cable plugs, cable drums, sockets, switches and junction boxes. In contrast to inductive measurements, no flow of current is required.

MEASURING FEATURES

- Optical and acoustical indication
- 90 V ... 1000 V AC measurement range
- Optical and acoustical indication
- CAT IV / 1000 V overvoltage protection



| Cat No. | Description |
|---------|-------------------------------------|
| MD106 | METREL NON CONTACT VOLTAGE DETECTOR |

MD116 PREMIUM NON-CONTACT VOLTAGE DETECTOR

The MD116 is a non-contact voltage tester with optical, acoustical and vibrating indicators. It can detect live-voltage wires in splices, cable plugs, cable drums, sockets, switches and junction boxes. Automatic self-test after power up. Can switch between low and high sensitivity (12 / 90 V AC) and has an integrated LED flashlight for working in dark conditions.

In contrast to inductive measurements, no flow of current is required.

MEASURING FEATURES

- High performance LED flashlight
- Optical, acoustical & vibrating alert
- 12 V ... 1000 V AC measurement range
- CAT IV / 1000 V overvoltage protection



| Cat No. | Description |
|---------|-------------------------------------|
| MD116 | METREL NON CONTACT VOLTAGE DETECTOR |



TN288SVD PERSONAL SAFETY VOLTAGE DETECTOR

The TN288SVD consists of an internal pickup AC sensor plate, a test (oscillator) and diagnostic circuit, an adjustable threshold comparator, a sound annunciator (buzzer), a visual indicator (ultra-bright LED) and a 9V battery, all enclosed in a robust "beeper" style case.

The enclosure features a built-in clip enabling the unit to be attached to the user's outer garments or belt.

- Dimensions: 114(L) × 67(W) × 27(D)mm
- Weight: Approx. 152g (battery included)
- Power supply: 9V(6F22) × 1

FEATURES

- AC Voltage detection: 240V ~ 50kV
- Weatherproof
- Easy-to-wear on body or belt
- Ultra-bright LED indication
- High pitch sound indication
- Self-test & diagnostic circuitry
- Friendly priority alert reporting
- High impact type casing
- Meets EN 61326-1



| Cat No. | Description |
|----------|----------------------------------|
| TN288SVD | PERSONAL SAFETY VOLTAGE DETECTOR |

TN277NZHP NON-CONTACT VOLTAGE DETECTOR

The TN277NZHP is ideal for checking the presence of AC high voltages and AC low voltages in cables, wall outlets, fuses etc. It is suitable for industrial, utility and mine safety applications.

KEY FEATURES

- 2 ranges for selection: LOW 50V~1.5kV; HIGH 1.5kV~132kV
- Power consumption
 - Off : Less than 5uA
 - Low voltage detection mode: <40mA
 - High voltage detection mode: <40mA
- Circuit test function
- Optional accessory: VTT range Telescopic hot stick or VMR range standard Hot stick



| Cat No. | Description |
|-----------|--|
| TN277NZHP | NON-CONTACT 50V-132KV TESTER LED & SOUND INDICATOR |



TIC 300 AMPROBE NON-CONTACT VOLTAGE TESTER

Rugged and reliable for utility, industrial, heavy manufacturing and mine safety applications, the Amprobe TIC 300 PRO with VolTect™ detects voltages in low, medium and high voltage applications with bright visual and loud audible alerts.

KEY FEATURES

- Utility tool for checking transmission lines, power distribution equipment, down power lines, fuses, and load break connectors
- Lower voltage setting for checking voltage presence in breaker panels, breakers, power outlets and wiring
- Verifies presence of Voltage from 30 VAC to 122,000 VAC (122kV)
- Non-contact AC voltage detection
- Visual and audible voltage indication
- Self-test verifies that tester works properly
- Ergonomic design with a convenient handle
- Drop-proof to 6-FT
- Use with Hot Stick for voltages higher than 1500 VAC
- Comes with instruction manual and handy carry case



| Cat No. | Description |
|------------|---------------------------------------|
| TIC-300PRO | AMPROBE HV VOLTAGE DETECTOR 30V-122KV |

TN275NZHP HV NON-CONTACT VOLTAGE DETECTOR

The TN275NZHP is a high voltage proximity detector. It has nine voltage detection settings from 240V AC to 275kV AC. The unit has an internal pickup sensor plate, a sensitivity selector, a visual and an audible annunciator. With the TN275NZHP, physical contact with electrical conductors is not necessary when testing for live lines. This tester works by proximity.

KEY FEATURES

- Sealed by 'O' Rings
- 9 voltage settings: 240V, 3.3kV, 6.6kV, 11kV, 22kV, 33kV, 66kV, 110kV & 220kV
- High bright LEDs visual indication
- Sound indication
- Easy to prove method
- Self test selection
- Use 3 x 1.5V "C" batteries
- High impact nylon casing
- Non-contact work by proximity
- Universal hotstick fitting
- Lightweight, robust and compact
- Detect low voltage on any systems
- Easy access to batteries
- Meets EN61000-3-2, EN61000-3-3, EN61326-1, EN55011, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11



| Cat No. | Description |
|----------------|----------------------------------|
| TN275NZHP | HIGH VOLTAGE DETECTOR 240V-220KV |
| TN275NZPHANDLE | REPLACEMENT HANDLE FOR TN275NZHP |

TN275NZPHANDLE TN275NZHP

PROVING DEVICE FOR VOLTAGE TESTERS

Used to test that your Voltage Detection Device (VDD) is working as it is intended and give the peace of mind that workers safety is taken care of. This proving device uses basic 12 V DC input and converts it to 230 V AC. When you adjust your VDD to detect this voltage it allows you to make a positive test and prove your VDD is actually working. A simple, cost effective and easy to use device.

KEY FEATURES

- Plugs into your vehicles lighter socket & outputs 230V
- Has USB ports & can be used for charging devices aswell
- Includes lighter socket/ Alligator clip adaptor for attachment direct to battery



| Cat No. | Description |
|---------|--------------------|
| TNPD | VDD PROVING DEVICE |



CONTINUITY TESTERS

M630G MULTIFUNCTION CONTINUITY TESTER

KEY FEATURES

- 1m lead between test probes
- Voltage & Continuity tester with Phase, Polarity & Phase Sequence Testing
- Fully automated measuring sequence – auto on when voltage detected, auto off after 30sec of inactivity
- Measured value storage – displayed value can be locked on screen
- Self test and battery monitoring – checks all display elements & signal is generated if battery needs to be replaced

- Rugged housing – impact resistant, dust proof, IP65
- High safety levels – series resistors integrated into both test probes

MEASUREMENT FUNCTIONS

- Voltage 24-1000V AC/1500V DC
- Resistance & Continuity
- Phase
- Polarity
- Phase Sequence



| Cat No. | Description |
|---------|---|
| M630G | VOLTAGE & CONTINUITY TESTER WITH PHASE, POLARITY & PHASE SEQUENCING, 1M LEAD, CAT IV/600V |

M611E DUSPOL CONTINUITY TESTER

KEY FEATURES

- Direct display without activating a push button – high-resistance test
- Load connection via push button – low-resistance test
- Continuity test via buzzer and LED and/or LCD
- Vibration alert in tester handle
- Illumination of measuring point
- Rugged housing with rubberised grip

- Impact resistant, dust-tight and splashing water protected housing (IP65)
- Safety always and everywhere

MEASUREMENT FEATURES

- Single pole phase test
- Continuity test
- Voltage indicator
- Polarity test



| Cat No. | Description |
|---------|---|
| M611E | DUSPOL®, 2 POLE VOLTAGE TESTER, CAT IV 600V/CAT III 1000V |



VOLTAGE TESTERS

PROFI LEDPLUS II VOLTAGE TESTER

This two-pole voltage tester is characterised by user friendly handling, robust and safe construction, and meets all the requirements of a specialist user. Thanks to the highest safety level, CAT IV 1000 V, it is also suitable for measurements on hybrid and electrical vehicles as well as photovoltaic systems.

KEY FEATURES

- CAT IV 1000V
- 2-pole test
- Practical one-handed operation
- Robust, safe construction format
- Tests without finger contact
- Display on voltages even without battery
- Load switchable

- Indication of direction of field rotation
- Single pole phase indication
- Test prod protection
- Measuring point lightning
- Batteries included
- 5 year guarantee

MEASUREMENT FUNCTIONS

- Display: Optical, LEDs
- Measuring range: Automatic
- Over-voltage category: CAT IV 1,000 V
- Resistance test range: 0-200 kOhm
- Dimensions: 300 x 75 x 20 mm
- Weight: 270 g
- Colour: Red/black
- Voltage range: 6-1000V
- Resistance indication: Optical/acoustic



| Cat No. | Description |
|---------|---------------------------------|
| 103824 | LED VOLTAGE TESTER CAT IV 1000V |

PROFI LCDPLUS II VOLTAGE TESTER

The "Profi LCDplus II" is the new top model in our tried and tested professional series. The innovative two-pole voltage tester is characterised by a wide performance spectrum and practical one-handed operation. It enables testing without finger contact and, thanks to the high CAT IV 1000V safety level, is suitable with immediate effect for taking measurements on hybrid and electrical vehicles as well as for photovoltaic systems.

KEY FEATURES

- CAT IV 1000V
- 2-pole test
- Voltage display up to 1000 V AC and 1400 V DC
- Large, illuminated LCD
- Resistance measurement up to 1999 Ω
- Frequency display up to 1000Hz

- Data hold
- Indication of direction of field rotation
- Background lighting LC-indication
- Measuring point lightning
- Single pole phase indication
- Load switchable
- Test prod protection
- Batteries included
- 5 year guarantee

MEASUREMENT FEATURES

- Display: Optical, LCD
- Measuring range: Automatic
- Over-voltage category: CAT IV 1,000 V
- Dimensions: 300 x 75 x 20 mm
- Weight: 270 g
- Colour: Red/black
- Voltage range: 3-1000 V AC (TRMS/ RMS) 4-1400 V DC
- Resistance indication: Optical/acoustic



| Cat No. | Description |
|---------|---------------------------------|
| 103826 | LCD VOLTAGE TESTER CAT IV 1000V |



EARTH TESTING

MI3123 SMARTEC EARTH / CLAMP

MI 3123 for testing earthing resistance, main earthing of objects, resistance of individual earthing rods in large systems, lightning systems, determination of soil resistivity, designing of earthing systems.

MEASURING FUNCTIONS

- Supports all types of earthing resistance measurements:
 - Standard earth resistance with spikes
 - Selective earth resistance test with one current clamp (optional)
 - Selective (contactless) earth resistance with two current clamps (optional)
 - Specific earth resistance measurement
- Leakage current tests with current clamps (optional)

- Load current tests with current clamps (optional)
- High accuracy, very high immunity against external noise
- Preprogrammed limits
- PASS/FAIL evaluation of result
- Bright GREEN/RED result indicators
- Suited for testing on CAT IV installations
- Magnetic holder (hands-free operation)
- Built in battery charger
- Two level memory structure for saving test results and parameters
- Basic downloading with EuroLink PRO PC SW package, compatible with EuroLink PRO Plus PCSW package
- USB and RS232 ports



| Cat No. | Description |
|---------|-----------------------|
| MI3123 | SMARTEC EARTH / CLAMP |

MI3290 EARTH ANALYSER

KEY FEATURES

- Can perform all types of earth measurements with a single instrument
- Wide measurement frequency band (DC, 40 Hz - 5 kHz)
- Earth measurements on pylons with protective earth cable connected
- Measurement on mono & 4-leg towers
- A variety of measuring clamps: from iron clamps to flex clamps with 10m length
- HF-Earth resistance measurement (acc. to IEEE Std 81)
- Sweep mode Z(f) on screen
- 3.4" colour LCD touch screen display
- Floating Mains (90-260 V AC) or battery
- IP65 case closed, IP54 case open
- Multiple self-check methods
- DC resistance measurements (2 & 4 wire)
- Impulse impedance measurement for simulating lightning strike

MEASURING FUNCTIONS

- Earth Resistance 2,3,4 -wire
- Selective Earth Resist. (1 x clamp)
- Earth Resistance (2 x iron clamps)
- Specific Earth Resist. (Wenner and Schlumberger method)
- Earth Potential
- HF-Earth Resistance (25 kHz, acc. to IEEE_Std 81)
- Earth Resistance of mono pylons with 10m flex clamp, multi leg pylons with up to four 5m flex clamps
- Current measurement (Iron, flex clamps)
- Low Ohm measurement 200 mA (EN 51667-4)
- Impulse Earth measurement 10/350 μ s
- PC SW for measurement pre & post processing
- Table/graphical view, storing & printing



| Cat No. | Description |
|---------|-----------------------|
| MI3290 | MI3290 EARTH ANALYSER |



MARTL78 50M GREEN R2 CONTINUITY WIRE

This handy carry case reel contains a high quality continuity cable for earth testing. The cable can be easily retracted by winding it up much like a hose reel.

KEY FEATURES

- 50m Green continuity cable
- Handy Reel
- Retractable tidy cable
- Easy to use
- Quick connectors



| Cat No. | Description |
|---------|--|
| MARTL78 | 50MTR GREEN R2 CONTINUITY WIRE ON A REEL |

IET15M INDEPENDENT EARTH TESTER REEL & SPIKE

Designed to attach to any voltage tester this reel and spike boasts 15m of lead and a sturdy spike to easily pierce even the hardest ground.

Simple to use, the Independent Earth Tester Reel and Spike has a connection point on the end of the lead to simply poke the tester probe into. The beauty of this set up is if your tester or lead fail you

can easily replace them without having to replace the entire unit.

KEY FEATURES

- 15m lead
- Sturdy spike
- Connector on lead for voltage tester probe
- Tester sold separately



| Cat No. | Description |
|---------|--|
| IET15M | 15M LEAD, REEL & SPIKE FOR INDEPENDENT EARTH TESTING |

S-2026 EARTH LEAD TEST SET

KEY FEATURES

- 3 Wire Earth Test Set with 20m leads
- Comes in handy soft carry bag
- For use with all Metrel Earth Testers



| Cat No. | Description |
|---------|--------------------------------|
| S-2026 | EARTH TEST LEAD SET, 20M LEADS |



S-2027 EARTH LEAD TEST SET

KEY FEATURES

- 3 Wire Earth Test Set with 50m leads
- Comes in handy soft carry bag
- For use with all Metrel Earth Testers

| Cat No. | Description |
|---------|--------------------------------|
| S-2027 | EARTH TEST LEAD SET, 50M LEADS |



MULTIFUNCTION TESTERS

MI3122 SMARTEC Z LINE-LOOP/RCD

For verification, maintenance & periodic testing of electrical installations; evaluation of protective measures in LV-installations, troubleshooting on live installations.

MEASURING FUNCTIONS

- Loop impedance / prospective fault current
- Line impedance / prospective short-circuit current
- Built-in fuse characteristics for quick evaluation of measuring results
- RCD tests (trip out time, contact voltage, ramp test, Autotest)
- Testing on 1- and 3-phase systems
- Phase sequence test
- Metal test button detects touch voltage
- High accuracy non tripping loop test for RCD protected circuits
- Pre-programmed limits
- PASS/FAIL evaluation of result
- Bright GREEN/RED indicators provides visual evaluation of results
- Suited for testing on CAT IV installations
- Magnetic holder (hands-free operation)
- Built-in battery charger
- Two level memory structure for saving of test results and parameters
- Basic downloading with EuroLink PRO PC SW package, compatible with EuroLink PRO Plus PCSW package
- USB and RS232 ports
- Robust and ergonomic design

| Cat No. | Description |
|---------|---------------------------|
| MI3122 | SMARTEC Z LINE-LOOP / RCD |





MZC-20E SHORT CIRCUIT LOOP IMPEDANCE METER, IP67

Designed for fitters and measurement technicians performing services in residential buildings, office blocks, manufacturing plants and any facilities possessing a low voltage electrical system.

MEASURING FUNCTIONS

- Short circuit resistance
- Short circuit current
- Short circuit loop Impedance
- Voltage Measurement

FEATURES

- Power supply LR6 alkaline batteries or NiMH rechargeable AA batteries (4 pcs.)
- Dimensions 220x98x58 mm
- Instrument weight incl. batteries 509g

- Storage temperature -20...+70°C, working temperature -10...+50°C
- Humidity 20...80%
- Reference temperature +23 ± 2 °C
- Reference humidity 40...60%
- Altitude < 2000m
- Auto-OFF time max. 900 sec.
- Number of Z measurement (for rechargeable batteries) >5000 (2 measurement/minute)
- Display LCD segment
- Quality standard developed, designed and manufactured acc. to ISO 9001
- Compliant with the requirements of IEC 61557
- Complies with PN-EN 61326-1:2006 and EN 61326-2-2:2006



| Cat No. | Description |
|---------|--|
| MZC-20E | SONEL SHORT CIRCUIT LOOP IMPEDANCE METER, IP67 |

A1143 EURO Z290A LOOP IMPEDANCE TESTER

Professional portable high current impedance tester. It performs high precision line and high precision fault loop impedance measurements in environments up to CAT IV / 310 V.

KEY FEATURES

- Independence: instrument is designed to work independently or in conjunction with: MI 2086 Eurotest 61557, MI 3101 EurotestAT, MI 3105 EurotestXA and MI 3321 MultiServicerXA
- Range widening: adapts the instruments to read from 0.1 mΩ up to 19.99 Ω
- Multi-system testing: works on both

single phase and 3-phase systems (110 V to 440 V)

- IPSC and IPFC calculation: IPSC and IPFC readings calculated up to 400 kA
- Comfortable carrying: all the accessories are put in the strong, rugged, durable case of the instrument
- LCD: Built-in LCD for standalone measurements

MEASURING FUNCTIONS

- High precision line impedance
- High precision fault loop impedance
- Contact voltage



| Cat No. | Description |
|---------|----------------------------------|
| A1143 | EURO Z290A LOOP IMPEDANCE TESTER |



MI3100S EUROTSTEASI MULTIFUNCTION INSTALLATION TESTER

KEY FEATURES

- Built-in help screens for referencing onsite
- Built-in fuse tables for automatic evaluation of the line/loop impedance result
- Monitoring of all 3 voltages in real-time
- Automatic polarity reversal on continuity test
- Loop impedance test without tripping RCD
- Built-in charger and rechargeable batteries as standard accessory
- Automated RCD testing procedure

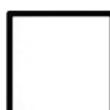


MEASURING FUNCTIONS

- Insulation resistance with DC voltage from 50 V to 1000 V
- Continuity of PE conductors with 200 mA test current with polarity change
- Continuity of PE conductors with 7 mA test current without RCD tripping
- Line impedance
- Loop impedance
- Loop impedance with Trip Lock RCD
- TRMS voltage and frequency
- Phase sequence
- RCD testing (general & selective, AC, A, F)
- Earth resistance (3-wire method)



| Cat No. | Description |
|----------|--|
| MI3100S | EUROTSTEASI MULTIFUNCTION TESTER |
| MI3100SE | EUROTSTEASI MULTIFUNCTION TESTER WITH MEMORY & PC SOFTWARE |
| MI3102BT | EUROTESTXE MULTIFUNCTION TESTER WITH MEMORY, PC SOFTWARE & BLUETOOTH |



Need your products supplied with test certificates? We can help.





MI3155 EUROTEST XD MULTIFUNCTION INSTALLATION TESTER

MEASURING FUNCTIONS

- 4-wire Live Transformer Impedance
- 2 & 3-wire line impedance (L-L, L-N)
- 1 / 3phase TRMS voltage and frequency
- Line, loop and RCD at 16 ... 400 Hz
- Phase sequence
- Power & THD (up to the 12th harmonic)
- RCD testing
- Earth resistance (3-wire & 2-clamps)
- First fault leakage current (ISFL)
- Testing of Insulation Monitoring Devices
- Machine mode support
- Hi-precision Short Circuit Current evaluation with Calculated Hot factor
- 3-wire test of PE (RPE function)
- Autotest insulation function between L-N, N-PE and L-PE (R ISO ALL function)
- 4 wire continuity test
- Insulation resistance with DC voltage 50 V to 2500 V and PI, DAR calculation
- Varistor test
- Continuity of PE conductors with 200 mA DC test current with polarity change
- Continuity of PE conductors with 7 mA test current without RCD tripping
- 2 & 3 wire loop impedance (L-PE) with Trip Lock RCD function
- Touch voltage / Contact voltage with external P/S probe
- Optional Extras
 - Illumination
 - High resolution Loop impedance (mΩ)
 - EVSE (Electrical Vehicle Supply Equipment) support
 - Determining location of cables
 - QR and/or barcode scanner support
 - Specific earth resistance with Ro-adapter
 - TRMS leakage load currents



MI3155

KEY FEATURES

- Programmable AUTO SEQUENCES*
- Predefined profile dependent AUTO SEQUENCES
- Predefined Automatic tests: Auto TT (U, Zln, Zs, Uc); Auto TN/RCD (U, Zln, Zs, Rpe); Auto TN (U, Zln, Zlpe, Rpe); Auto IT (U, Zln, Isc, Isfl, IMD)
- Functional inspections
- Visual inspections
- Custom inspections (visual and functional)
- EVSE AUTO SEQUENCES & function inspections
- Machine functional & visual inspections
- Built-in help screens & fuse tables
- Auto polarity reversal on continuity test
- Automated RCD & Impedance testing
- Measurement filtering
- Built-in charger & rechargeable batteries
- BT communication with PC & Android devices via built-in BT
- PC SW Metrel ES Manager (structure & report creation, data up/download)*
- Optional aMESM Android app (structure & report creation, data up/download)**



MI3152ST



MI3152EU

* Available with MESM PRO licence

** Available with EU Set

| Cat No. | Description |
|----------|--|
| MI3155ST | EUROTEST XD MULTIFUNCTION INSTALLATION TESTER STANDARD SET WITH BASIC SOFTWARE |
| MI3155EU | EUROTEST XD MULTIFUNCTION INSTALLATION TESTER, EURO SET WITH CURRENT CLAMPS & PRO SOFTWARE |



PORTABLE APPLIANCE TESTERS

TRANSDELTA KITS

With both battery and mains power, this multifunctional instrument is intended to perform measurements for testing the electrical safety of portable electrical equipment. This model has the added bonus of being Bluetooth enabled.

KEY FEATURES

- Graphic LCD with resolution of 128 x 64 dots, with backlight
- Support for optional aPAT android application
- Bluetooth communication via aPAT android application with printer, barcode scanner and PC
- Easy read graphic display
- Large green and red lights for additional PASS / FAIL indication
- Large data flash memory for storing test results & parameters (approx. 1500)
- Built-in real time clock
- QR coding for quick test code selection & device identification under test
- Programmable PASS/FAIL limits
- Fully compatible with Metrel PATLink PRO PC software package included
- Optional PC SW PATLink PRO Plus software
- Portable and lightweight design
- Can operate from mains power or rechargeable batteries

MEASURING FUNCTIONS

- Functional and visual inspection
- Earth bond resistance
- Insulation resistance; Insulation resistance of isolated accessible conductive parts
- Substitute leakage current; Substitute leakage current of isolated accessible conductive parts
- Differential leakage current test
- Touch leakage test
- PRCD test
- Power test
- IEC cord polarity test
- TRMS voltage meter



TRANSDELTA4-ZBATT



TRANSDELTA4-ZTAB



TRANSDELTA4-Z

| Cat No. | Description |
|-------------------|--|
| MI3309BT | MI3309BT DELTA GT TESTER ONLY |
| TRANSDELTA4-Z | MI3309BT DELTA GT TESTER WITH PRINTER AND PC SOFTWARE |
| TRANSDELTA4-ZTAB | MI3309BT DELTA GT WITH ZEBRA PRINTER, PC SOFTWARE, BLUETOOTH DONGLE & ANDROID TABLET |
| TRANSDELTA4-ZBATT | MI3309BT DELTA GT WITH ZEBRA PRINTER, ZEBRA BATTERY PACK WITH CHARGER, PC SOFTWARE, BLUETOOTH DONGLE & ANDROID TABLET IN HARD CASE |



POWER QUALITY ANALYSERS

MI2892 POWER MASTER POWER QUALITY ANALYSER

KEY FEATURES

- 4 voltage & 4 current channels
- Automatic Smart Clamp detection and Smart Clamp range selection
- Compliance with power quality standard IEC 61000-4-30 Class A
- Complete power quality analysis according to EN 50160
- 8GB memory supplied (can add SD card)
- Colour-coded input terminals terminal labels to suit your application region
- Intuitive main menu and large icons makes it very easy to navigate & configure
- Powerful PC SW PowerView3 enables downloading, view, analysis of recorded data and professional report creation
- Flexible clamps included in standard set

MEASURING FUNCTIONS

- Voltage: TRMS, peak, crest factor

- Current: TRMS, peak, crest factor
- Power (active, reactive, apparent)
- Measurements fully IEEE 1459 compliant (active, nonactive, fundamental, harmonic, load unbalance)
- Unbalance, flicker measurement
- **Harmonic & interharmonic analysis up to 50th harmonics, THD measurement**
- Energy (active, reactive, generated, consumed)
- Capture/recording of power supply events
- Inrush currents monitoring & recording
- **Waveform/inrush displaying, snapshot & recording**
- **Transients recording**
- Power quality analysis as per EN 50160
- Recording up to 7 adjustable alarms
- Temperature measurement
- Power factor $\cos \phi$



| Cat No. | Description |
|---------|--------------------------------|
| MI2892 | 3 PHASE POWER QUALITY ANALYSER |

MI2885 POWER MASTER POWER QUALITY ANALYSER

KEY FEATURES

- 4-voltage & 4-current channels
- Automatic Smart Clamp detection and Smart Clamp range selection
- Compliance with power quality standard IEC 61000-4-30 Class S
- Complete power quality analysis according to EN 50160
- Supplied with 8GB memory (SD card up to 32GB)
- Colour-coded input terminals & terminal labels to suit your application region
- Intuitive main menu & large icons makes it very easy to navigate and configure
- Powerful PC SW PowerView3 enables downloading, view, analysis of recorded data and professional report creation
- Flexible clamps included in the Euro set
- Remote communication via Ethernet (GPS clock synchronization - optional)

MEASURING FUNCTIONS

- TRMS Voltage & Current, peak, crest factor (4-channel)
- Power (active, reactive, apparent)
- Measurements fully compliant with IEEE 1459 (active, non active, fundamental, harmonic, load unbalance)
- Unbalance, flicker measurement
- **Harmonic & interharmonic analysis up to 50th harmonics, THD measurement**
- Energy (active, reactive, generated, consumed)
- Capture/recording of power supply events
- Inrush currents monitoring & recording
- **Waveform/inrush displaying, snapshot & recording**
- Power quality analysis as per EN 50160
- Recording up to 7 adjustable alarms
- Temperature measurement
- Power factor $\cos \phi$



| Cat No. | Description |
|---------|----------------------------------|
| MI2885 | MASTER Q4 POWER QUALITY ANALYSER |



HV INSULATION TESTERS

MI3202 GIGAOHM 5KV INSULATION TESTER

MI3202 offers a quick and accurate reading of insulation resistance. The large segment LCD screen with backlight offers easy reading of results. The analogue/digital display with analogue graph has a range of up to 1 TΩ for insulation resistance and 600 V for voltage measurements.

MEASURING FUNCTIONS

- Quick setting - Quick & Easy test voltage selection

- Faster testing - 5 mA current source for quick charging of capacitive loads
- Safe - High CAT IV, 600 V voltage protection
- Easy to read - Large, bright LCD display with backlight
- Effective testing - High quality instrument, shielded test leads & accessories (included in the standard set)



| Cat No. | Description |
|---------|--|
| MI3202 | GIGAOHM 5KV INSULATION TESTER, CAT IV 600V |

MIC-10 & MIC-30 SONEL INSULATION RESISTANCE TESTERS, IP67

KEY FEATURES

- Insulation resistance measurement: MIC-10 – up to 10 GΩ
MIC-30 – up to 100 GΩ
- Test voltage selection: 50, 100, 250, 500, and 1000 V; MIC-30 enables 10 V adjustment increase
- Measurements using the 2 and 3 wire method
- The MIC-30 enables tests using an adapter put in a power socket (automatic measurement of all measurement combinations) and identification of leakage current
- Automatic discharge of the capacity of a tested object upon completion of the insulation resistance tests
- Direct measurement or one or two absorption coefficients (MIC-30)
- Storage of pre-set values of voltage and time T1, T2, and T3 (MIC-30)
- Measurement of direct and alternating

- current voltage
- Measurement of capacity of the tested object
- Acoustic determination of five-second intervals during insulation resistance tests
- Continuity of protective connections & equipotential bonding with a ≥ 200 mA (in compliance with the PN-EN 61557-4 standard)
- Measurement of resistance with low current with acoustic & optical signalling
- Resistance to interferences
- IP67 protection rating of the housing according to the PN-EN 60529
- CAT IV / 600V according to PN-EN 61010-1 standard (III 1000 V)
- Operating temperatures -10°C to +50°C
- Extensive memory (10 banks, 99 cells each)
- Automatic switch-off when not in use

| Cat No. | Description |
|---------|--|
| MIC-10 | INSULATION RESISTANCE METER, IP67, CAT IV 600V/CAT III 1000V |
| MIC-30 | INSULATION RESISTANCE METER, IP67, WITH LEAKAGE CURRENT, CAT IV 600V/CAT III 1000V |





MI3210 TERAOHM XA 10KV INSULATION TESTER

KEY FEATURES

- Insulation resistance up to 20 TΩ
- Adjustable test voltage (50 V...10 kV) 50 V and 100 V step
- Programmable timer
- Capacitance measurement
- Charging rate for capacitive load < 3 s / μ F at 10 kV
- Automatic discharge of test object after completion of measurement
- Guard terminal
- High voltage breakdown detection
- Custom defined tests
- Auto adjustment function
- Results in numerical & graphical form
- PC software HVLink PRO – downloading & analysing of results & report printing
- Isolated RS232 & USB communication ports, BT interface
- High EM interferences protection: Input AC current noise rejection (1 mA≈600 V) and additional averaging of the result (5, 10, 30, 60)
- Mains & rechargeable battery power supply

MEASURING FUNCTIONS

- Insulation Measurement
- Diagnostic Test (PI, DAR, DD)
- Step Voltage Test
- Withstanding Voltage Test (DC) up to 10kV
- Voltage & frequency measurement up to 550 V TRMS



| Cat No. | Description |
|---------|--|
| MI3210 | TERAOHM XA 10KV INSULATION TESTER, CAT IV 600V |

MICROOHM TESTERS

MI3252 MICROOHM 100A

MI 3252 MicroOhm 100A is a portable low resistance ohmmeter used to measure low contact resistances of breakers and switches, busbars using test current from 100 mA to 100 A.

FEATURES

- Safe: sustain external voltages in case of wrong connection, protection level (CAT IV, 50 V); automatically detects continuity in current circuit
- Single and continuous measuring mode
- Portable: rugged carrying case with a handle and lightweight design
- High protection degree: IP64
- Accurate: 1 nΩ best resolution with 0.25% accuracy
- Custom limits: the limits can be set for

PASS or FAIL evaluation of test result

- Measurements with 100 A for up to 10 mins on internal battery only
- Memory: built-in memory enables storage of up to 1000 test results
- Downloadable: downloads test results via RS232 or USB cable directly with software

MEASURING FUNCTIONS

- Resistance measurement: wide measuring range (1 nΩ ... 20 Ω) adjustable test current (100 mA ... 100 A)
- Voltage drop measurement
- Bar graph: on screen resistance bar graph



| Cat No. | Description |
|---------|-----------------------|
| MI3252 | MICRO OHM 100A TESTER |
| MI3250 | MICRO OHM 10A TESTER |
| MI3242 | MICRO OHM 2A TESTER |



PHASE TESTERS

TN895PR NON CONTACT PHASE ROTATION METER

Safety is always a priority in electrical work environments. With its non-contact clips, the TN895PR has been designed to ensure greater safety for its users. Eliminating any electrical or short circuit accidents caused by accidental contact between two metal points.

KEY FEATURES

- Non-contact detector clips
- Dual functions: Open phase and phase sequence detection
- LED display lights with buzzer indicator
- Designed for checking a wider range of 3-phase power source from 75V to 1000V AC
- Brightness button feature for better visibility
- Magnetic mounting feature
- CATIV 600V



| Cat No. | Description |
|---------|----------------------------------|
| TN895PR | NON-CONTACT PHASE ROTATION METER |

TN855 PHASE ROTATION METER

Comes with fused leads to offer overload protection to line workers who test on overhead LV lines. The leads are supplied at lengths conducive to allowing the unit to be connected across overhead LV lines to make the test. The double insulated leads are connected to shrouded probe with removable crocodile clips included.

KEY FEATURES

- CAT IV 600V
- Lightweight
- Push button activation
- Heavy duty fused leads with HRC fuses
- Input Voltage 200-600V AC
- Frequency 50-60Hz
- 3x5amp HRC fuses



| Cat No. | Description |
|---------|---|
| TN855 | PHASE ROTATION METER – FUSED LEADS, CAT IV 600V |



CABLE LOCATORS

MARFD650 DIGITAL FUSE FINDER KIT

KEY FEATURES

- Identifies poorly labelled fuses and breakers without the need to power down each circuit to identify the one you need to work on
- Enhanced capabilities so it can also be used on light fittings or other points in a circuit in addition to 13A sockets
- The receiver has both fast manual mode and auto threshold mode set by a single sweep over the board
- Receiver will work with multiple transmitters and can also be used as a non-contact voltage indicator

- Kit includes a twin lead set with crocodile clips (TL83), IEC mains lead (EX332) and a soft carry case
- Receiver = CAT IV/600V, Transmitter = CAT III/300V
- Temperature Range: -10°C to 40°C at max 60% RH
- Earth Leakage: Nil
- Mains Supply: 230V, 30 - 70Hz
- Power Consumption: 1W approx.
- Oversupply: CAT III 300V
- Protection Class: IP20
- Dimensions 65 x 65 x 46mm, Weight 60g



| Cat No. | Description |
|----------|-------------------------|
| MARFD650 | DIGITAL FUSE FINDER KIT |



SYMBOLS

| | |
|---------------------------------|----|
| #00/1 | |
| 1/2" DRIVE SOCKETS | 42 |
| 4 WAY RATCHET WRENCHES | 17 |
| #16B/1 | 93 |
| #21/1 | 42 |
| #22/1 | 43 |
| #24/1 | 43 |
| #61/1 | 40 |
| #76B/1 | 40 |
| #102/1 | 40 |
| #102B/1 | 41 |
| #102U/1 | 41 |
| #103/1 | 42 |
| #112/1 | 41 |
| #113/1 | 41 |
| #114/1 | 41 |
| #147A/1 | 40 |
| 1000V VDE — SEE INSULATED TOOLS | |

A

| | |
|----------------------------|---------|
| ABC INSTALLATION PULLEY | 112 |
| ABC PULLING SOCK | 112 |
| ABC TOOLS | 112-113 |
| ABC WIRE GRIP | 113 |
| ACSR RATCHET CABLE CUTTER | 27 |
| ADJUSTABLE CABLE STRIPPERS | 38 |
| ADJUSTABLE WRENCHES | 3, 95 |
| ALLEN KEY T-BAR | 23 |
| APPRENTICE PACK | 24 |
| AUGER BITS | 87 |
| AUTOMATIC WIRE STRIPPERS | 37, 38 |

B

| | |
|---------------------------------|-------|
| BALL PEIN HAMMERS | 60 |
| BAND STRAP TOOLS & ACCESSORIES | 35 |
| BATTERY POWERED LED FLOODLIGHTS | 66 |
| BOLT CUTTERS | 9, 51 |
| BOOTLACE CRIMP TOOLS | 41 |
| BROOM | 53 |

C

| | |
|--------------------------|------------|
| CABINET KEYS | 64 |
| CABLE CORE GUARD HAMSTER | 34 |
| CABLE CUTTERS | 5, 9, 26 |
| CABLE JOINTING KITS | 24 |
| CABLE KNIVES | 13, 14, 28 |
| CABLE LOCATORS | 137 |

| | |
|---|-------|
| CABLE PULLING DEVICE | 59 |
| CABLE PULLING SOCKS | 113 |
| CABLE SHEARS | 8 |
| CABLE TIE & BAND STRAP TOOLS | 35 |
| CABLE TIE TENSIONERS | 35 |
| CABLE & WIRE STRIPPERS | 37 |
| CAULKING GUN | 58 |
| C CONNECTORS | 45 |
| CHAIN TENSIONERS | 104 |
| CHALK LINE | 69 |
| CHISELS | 60 |
| CHROME ADAPTORS | 83 |
| CHROME SCREWDRIVERS & BITS | 49 |
| CHROME SOCKET SETS | 88-89 |
| CHROME WRENCH SETS | 96 |
| CLAMP METERS | 118 |
| CLAW HAMMERS | 61 |
| CLUB HAMMERS | 61 |
| COBRA HITECH PUMP PLIER | 11 |
| COMBINATION PLIERS | 4, 47 |
| COMBINATION RATCHETING WRENCH SET | 96 |
| COMPACT CABLE SHEAR | 8 |
| COMPACT DIAGONAL CUTTING PLIERS | 6 |
| COMPACT HIGH LEVERAGE DIAGONAL CUTTING PLIERS | 6 |
| CONDUIT CUTTERS | 50 |
| CONTACT VOLTAGE DETECTORS | 120 |
| CONTINUITY TESTERS | 124 |
| COPPER LUG & LINK CRIMP TOOLS | 42 |
| CORDED POWER TOOLS — SEE POWER TOOLS | |
| CORDLESS & 240V CORDED WORKLIGHT | 79 |
| CORDLESS POWER TOOLS — SEE POWER TOOLS | |
| CRIMPING DIES | 44 |
| CRIMP TOOLS | 41 |
| HAND OPERATED | 42-43 |
| HYDRAULIC | |
| CUTTING PLIERS | 6, 7 |

D

| | |
|-----------------------------------|----------|
| DEEP SOCKETS | 17 |
| DIAGONAL CUTTING PLIERS | 6, 7, 47 |
| DIE-LESS BOOTLACE FERRULE CRIMPER | 41 |
| DIGGING BAR | 54 |

E

| | |
|----------------------|-----|
| EARTH ROD RAMMER | 87 |
| EARTH TESTING | 126 |
| ECOPILLAR LID LIFTER | 64 |



| | | | |
|--|---------------|---------------------------|-------------------|
| ELECTRIC VEHICLE SERVICE KITS | 25 | TNGPSSA | 111 |
| END-ON WIRE STRIPPERS | 12 | TNHSFP | 109 |
| EXTENSION BARS | 18 | TNWG4/32 | 111 |
| F | | | |
| FILES | 50 | HSS DRILL SETS | 85 |
| FLOODLIGHTS | 66 | HSS STEP DRILLS | 86 |
| FOLDING RULE | 68 | HV INSULATION TESTERS | 134-135 |
| FOOTPRINT WRENCH | 58 | HY-DEE BRAIT ROPE | 105 |
| | | HYDRAULIC CRIMP TOOLS | 46 |
| G | | | |
| GAS ACCESSORIES | 57 | IMPACT ADAPTORS | 83 |
| GAS BOTTLES | 57 | IMPACT SOCKET SETS | 84 |
| GAS TORCH SETS | 55, 56 | IMPACT WRENCH | 33 |
| GENERAL PURPOSE COMBINATION TOOLS | 40 | INHEX SOCKETS | 17 |
| GENERAL TOOLS | 58 | INSULATED COMBINATION SET | 21 |
| GREASE GUN | 58 | INSULATED MV JUMPERS | 99 |
| | | INSULATED TOOLS | |
| | | ALLEN KEY T-BAR | 23 |
| | | BOLT CUTTER | 9 |
| HACKSAWS | 51 | CABLE CUTTERS | 8, 9, 10 |
| HAMMERS | 60-61 | COMBINATION SET | 21 |
| HAND CABLE CUTTERS | 26 | EXTENSION BARS | 18 |
| HAND OPERATED CRIMP TOOLS | 42 | KNIVES | 13, 14 |
| HANDSAW | 51 | RATCHETS | 18 |
| HAUPA CHROME PLIERS | 47 | SCISSORS | 9 |
| HEADLIGHTS & HAND LAMPS | 65 | SCREWDRIVERS | 14, 15, 16 |
| HEXAGONAL CRIMP DIES | 44-46 | SOCKETS | 17, 20, 21 |
| HEX KEY SETS | 62 | TOOLKITS | 24, 25 |
| HIGH LEVERAGE COMBINATION PLIERS | 4 | WIRE STRIPPERS | 12 |
| HIGH LEVERAGE DIAGONAL CUTTING PLIERS | 7 | WRENCHES | 3, 19, 23 |
| HIGH TORQUE DRILL | 70 | INSULATING WEDGES | 34 |
| HOLESAW SETS | 85 | INSULATION TESTERS | 134-135 |
| HOTSTICK REPAIR KITS | 108 | INSULATION WIRE STRIPPERS | 12 |
| HOTSTICKS | | | |
| GRIP ALL CLAMPSTICKS | 107 | J | |
| MEASURING TRIANGULAR TELESCOPIC STICKS | 106 | JOINTERS HACK KNIFE | 28 |
| TRIANGULAR TELESCOPIC STICKS | 106 | JUMPERS | 98-99 |
| UNIVERSAL STICKS | 107 | | |
| UNIVERSAL STICK SPARE PARTS | 107 | K | |
| HOTSTICK TOOL ACCESSORIES | | K293-TOOL | 110 |
| DUALPULLER | 109 | KNIVES | 13, 14, 28 |
| HOTSTICK STORAGE BAGS | 108 | | |
| M4455-9 | 109 | L | |
| M4455-26A | 110 | LADDERS | 114 |
| M4455-29/B | 110 | LED FLASHLIGHT | 79 |
| M4455-71 | 109 | LED FLOODLIGHTS | 66 |
| M4455-77 | 111 | LED LIGHTS | 65 |
| M4455-92 | 111 | LEVELS | 69 |



| | | |
|--|-----------------|---------------------------------------|
| LIVE LINE CLEANERS | 108 | N |
| LIVE LINE ROPE | 105 | NON-CONTACT VOLTAGE DETECTORS |
| LOAD LIFTING TOOLS | 102 | 121 |
| LOCKING PLIERS | 58 | O |
| LONG NOSE PLIERS | 5, 47 | OFFSET RING WRENCHES |
| LOOP IMPEDANCE METERS | 129 | 23 |
| LOW VOLTAGE RESCUE KIT | 117 | OPEN END WRENCHES |
| LV ABC WEDGE | 34 | 23 |
| LV JUMPER CABLE - CLEAR SHEATH | 98 | P |
| LV JUMPER CLAMPS | 98 | PARROT BEAK CUTTER |
| LV JUMPERS | 98 | 8 |
| M | | PARROT BEAK RATCHET CABLE CUTTER |
| MASTIC POSITION TOOL | 34 | 27 |
| MEASURING & MARKING TOOLS | 68 | PARROT BEAK RATCHET CUTTER |
| MEASURING TRIANGULAR TELESCOPIC STICKS | 106 | 10 |
| MEASURING WHEELS | 68 | PHASE TESTERS |
| MECHANICAL CONNECTOR HOLDING TOOLS | 33 | 136 |
| MECHANICAL CONNECTOR TOOLS | 33 | PLIERS |
| METERS — SEE ALSO TEST & MEASUREMENT | | 4-7, 10-11, 48, 58 |
| CAPACITIVE HIGH VOLTAGE DETECTOR | 120 | PLIER WRENCHES |
| CONTINUITY TESTER | 124 | 10, 11 |
| DIGITAL FUSE FINDER KIT | 137 | POCKET KNIVES |
| DIGITAL MULTIMETERS | 119 | 28 |
| EARTH ANALYSER | 126 | POLE BUCKETS |
| EARTH / CLAMP | 126 | 92 |
| INSULATION RESISTANCE TESTERS | 134 | POLYMERIC HACK KNIFE |
| INSULATION TESTERS | 134, 135 | 28 |
| LEAKAGE CLAMP TRMS METER | 118 | POP'N'WORK |
| LOOP IMPEDANCE TESTER | 129 | TENTS |
| MICROOHM 100A | 135 | 115 |
| MULTIFUNCTION INSTALLATION TESTERS | 130, 131 | UMBRELLAS |
| NON CONTACT PHASE ROTATION METER | 136 | 116 |
| NON-CONTACT VOLTAGE DETECTORS | 121, 122 | PORTABLE APPLIANCE TESTERS |
| PERSONAL SAFETY VOLTAGE DETECTOR | 122 | 132 |
| PHASE ROTATION METER | 136 | PORTABLE LIGHT STANDS |
| POWER QUALITY ANALYSERS | 133 | 66, 67 |
| SHORT CIRCUIT LOOP IMPEDANCE METER | 129 | POST HOLE DIGGER |
| SMARTEC Z LINE-LOOP/RCD | 128 | 52 |
| TRANSDELTA KITS | 132 | POWER QUALITY ANALYSERS |
| TRMS AC/DC CLAMP METER | 118 | 133 |
| TRMS CURRENT CLAMP METER | 118 | POWER TOOL ACCESSORIES |
| MICROELECTRONIC SIDE CUTTER | 48 | LI-ION BATTERIES |
| MICROOHM TESTERS | 135 | 81 |
| MULTIFUNCTION TESTERS | 128-131 | RAPID CHARGERS |
| MULTIMETERS | 119 | 81 |
| MULTITOOL | 5 | POWER TOOLS |
| | | CORDED |
| | | ANGLE GRINDERS |
| | | 72 |
| | | DEMOLITION BREAKER |
| | | 71 |
| | | D-HANDLE DRILL |
| | | 70 |
| | | HEAT GUN |
| | | 70 |
| | | CORDLESS |
| | | 1/2" DRIVE BRUSHLESS IMPACT WRENCH |
| | | 78 |
| | | 1/4" HEX BRUSHLESS IMPACT SCREWDRIVER |
| | | 78 |
| | | BRUSHLESS ANGLE GRINDERS |
| | | 73, 74, 76 |
| | | BRUSHLESS CIRCULAR SAWS |
| | | 74, 75 |
| | | BRUSHLESS COMBINATION HAMMER DRILL |
| | | 77 |
| | | BRUSHLESS HAMMER DRILL DRIVERS |
| | | 73, 74, 77 |
| | | BRUSHLESS IMPACT DRIVERS |
| | | 73, 74 |
| | | BRUSHLESS IMPACT WRENCHES |
| | | 73 |
| | | BRUSHLESS JIGSAW |
| | | 76 |
| | | BRUSHLESS RECIPROCATING SAW |
| | | 74, 75 |
| | | COMBO KITS |
| | | 73, 74 |
| | | IMPACT WRENCH |
| | | 33 |
| | | LED WORKLIGHTS |
| | | 79 |
| | | MULTITOOL |
| | | 76 |



| | | | |
|---------------------------------------|----------------------|---|----------------|
| VACUUM CLEANERS | 80 | SPECIALIST CABLE PREPARATION TOOLS | 29 |
| PRECISION DIAGONAL CUTTER | 48 | SPECIALIST STRIPPING TOOLS | 30 |
| PRECISION PLIERS | 48 | SQUARES | 69 |
| PRECISION SCREWDRIVER SETS | 49 | STAINLESS STEEL BAND STRAP & BUCKLES | 36 |
| PROPANE GAS TORCH SETS | 55, 56 | STORAGE CONTAINERS | 91 |
| PUNCHES | 59 | STRAP HOISTS | 103 |
| R | | STRINGING ROLLER | 104 |
| RAKE | 53 | STRIPPING TOOLS | 30-32 |
| RAMMERS | 87 | SWIVELS | 112 |
| RATCHET CABLE CUTTERS | 10, 26, 27 | T | |
| RATCHETING SCREWDRIVER SET | 49 | TAPE MEASURES | 68 |
| RATCHET PODGER WRENCH | 93 | TELESCOPIC WORKLIGHT STAND | 80 |
| RATCHET RING WRENCHES | 23 | TEMPORARY EARTH SETS | 99-101 |
| RATCHETS | 18 | TEMPORARY LIGHTS | 66 |
| RATCHET WRENCHES | 22, 93 | TENSION METERS | 102 |
| RAYCHEM JOINTERS KNIFE | 28 | TENTS | 115 |
| RESCUE KIT | 117 | TERMINAL CRIMP TOOLS | 40 |
| RICKY | 104 | TEST & MEASUREMENT — SEE ALSO METERS | |
| RING & OPEN END WRENCH SETS | 96, 97 | CONTINUITY WIRE | 127 |
| RIVET PLIER KIT | 58 | EARTH LEAD TEST SETS | 127-128 |
| ROTARY HAMMER | 71 | IET115M INDEPENDENT EARTH TESTER REEL & SPIKE | 127 |
| S | | PROVING DEVICE FOR VOLTAGE TESTERS | 123 |
| SCISSORS | 9, 50 | TIC 300 AMPROBE NON CONTACT TESTER | 123 |
| SCREWDRIVER BIT SETS | 82, 83 | TN275NZHP HV PROXIMITY DETECTOR | 123 |
| SCREWDRIVERS | 14-15 | TNLVD NON-CONTACT VOLT STICK | 121 |
| SCREWDRIVER SETS | 15, 16 | TIMBER LADDERS | 114 |
| SHOVELS | 53 | TOOL APRON | 92 |
| SLEDGEHAMMERS | 61 | TOOL BAGS | 90 |
| SLIM CIRCUIT BREAKER SCREWDRIVER SETS | 16 | TOOL BELTS | 91 |
| SLIM SCREWDRIVER SETS | 15 | TOOLKITS | 24 |
| SLIP JAW PLIERS | 10, 11 | TOOL ROLL BAG | 92 |
| SNATCH BLOCKS | 103 | TORQUE WRENCHES | 19, 94 |
| SNIPS | 50 | TORX KEY SETS | 63 |
| SOCKET ACCESSORIES | 84 | TORX SCREWDRIVERS & DRIVER BITS | 63 |
| SOCKETS | 17 | TRIANGULAR TELESCOPIC STICKS | 106 |
| SOCKET SETS | 20, 21, 88-89 | TUDS LIFTING TOOL | 64 |
| SOFT FACED HAMMERS | 60 | TWIN CUT CABLE SHEAR | 8 |
| SOFT GRIP SCISSORS | 9 | U | |
| SPADES | 52 | UMBRELLAS | 116 |
| SPECIALISED TOOLING | | UNIVERSAL STRINGING ROLLER | 104 |
| CABLE JOINING KIT | 24 | UTILITY TOOL KIT | 12 |
| PLIERS | 29 | UTILUX MS-TELECOM SLEEVE CRIMP TOOL | 43 |
| SNATCH BLOCKS | 103 | V | |
| STRIPPING TOOLS | 29 | VACUUM CLEANERS | 80 |
| TENSION METERS | 102 | VARIO TQ SCREWDRIVER SETS | 16 |
| WIRE GRIPS | 102 | | |



VDE — SEE INSULATED TOOLS

| | |
|----------------------------------|----------------|
| VDE CABLE CUTTER | 9 |
| VDE COMPOUND ACTION CABLE CUTTER | 9 |
| VDE INSULATED RATCHET WRENCH | 93 |
| VDE TOOLKITS | 24 |
| VERNIER CALIPERS | 69 |
| VOLTAGE DETECTORS | 120-123 |
| VOLTAGE TESTERS | 125 |

W

| | |
|-------------------------|----------------------------|
| WATER PUMP PLIERS | 10, 47 |
| WEDGES | 34 |
| WIRE BRUSHES | 59 |
| WIRE GRIPS | 102 |
| WIRE STRIPPERS | 12, 37, 38 |
| WOOD BORING BITS | 86 |
| WORK KNIFE | 28 |
| WRECKING & DIGGING BARS | 54 |
| WRENCHES | 3, 22-23, 58, 93-95 |
| WRENCH SETS | 96, 97 |

Y

| | |
|------------|-----------|
| YARD BROOM | 53 |
|------------|-----------|



Have you got your copy of the
TransNet Safety Catalogue?

0800 442 182

TransNet Your Partners in Power

SAFETY PRODUCTS CATALOGUE

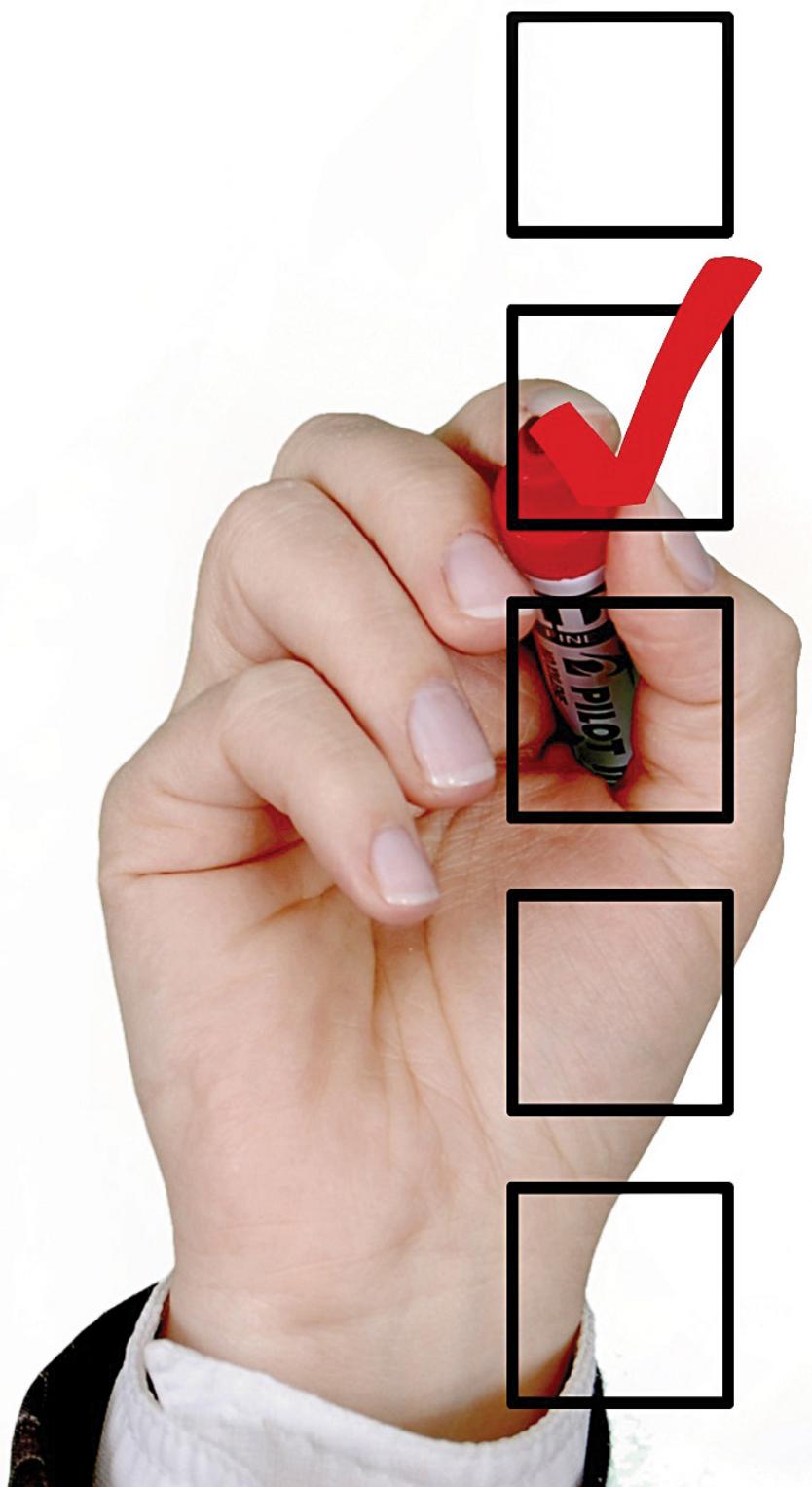
FIRST EDITION

QUALITY
COMMITMENT
RELIABILITY

www.transnet.



Need your products supplied with test certificates? We can help.



We're doing our bit with TransNet Sustainability Initiatives

- ISO 14001 Accreditation
- ISO 14064-1 Accreditation
- Carbon Managed



0800 442 182

+64 9 274 3340

sales@transnet.co.nz



TRANSNET NEW ZEALAND LTD

AUCKLAND

78 Cryers Road
East Tamaki
Auckland
NEW ZEALAND

Ph 0800 442 182
Fax 0800 442 183
PO Box 39 383
Howick, Auckland

sales@transnet.co.nz

NEW ZEALAND

WELLINGTON

10 Petone Ave
Petone
Wellington
NEW ZEALAND

Ph 0800 442 182
Fax 0800 442 183
PO Box 39 383
Howick, Auckland

sales@transnet.co.nz

NEW ZEALAND

TRANSNET TONGA

TONGA

Lakalakaimonu Multi Utility Complex
Taufa'ahau Road, Poutaha
Nuku'alofa
TONGA

Ph +67 627 939
Fax +67 627 976
PO Box 2932
Nukualofa

transnet@kalianet.to

TONGA

