

# CABLE INSTALLATION

# Solutions

CABLE INSTALLATION SOLUTIONS CABLE INSTALLATION SOLU



# CABLE INSTALLATION SOLUTIONS


| | | Page |
|---|---|---|
| 1.1 | Rod Sets | 8 |
| 1.2 | Rod Set Attachments | 9 |
| 1.3 | Technical Information/Packages | 10-11 |
| 1.4 | Cable Dispensing Tools | 13 |
| 1.5 | Hole Saws | 14-18 |
| 1.6 | Jigsaw Blades and Hacksaw Blades | 19 |
| 1.7 | Hole Cutting and Drills | 20 |
| 1.8 | Personal Safety Equipment | 21-23 |
| 1.9 | VDE Safety Tools | 24-28 |
| 1.10 | Tools | 29-31 |
| 1.11 | Tool Bags and Tool Belts | 32-33 |
| 1.12 | Lubricants and Sealants | 34 |
| 1.13 | Chemical and Aerosols | 36-41 |
| 1.14 | Din Rail | 42-43 |
| 1.15 | Brass Cable Glands | 44-46 |
| 1.16 | Fixings | 47 |
| 1.17 | Circuit Protection & Control | 48 |

Cable Installation Systems

HellermannTyton's Rod Sets have been specifically designed to be a time saving device to assist with many types of cable installation applications. These Rod Sets can tackle some of the most difficult tasks users will encounter, routing, pulling and retrieving cables in the fastest and most economical way possible.

## Deluxe Set CS-SD:

**The most comprehensive set for carrying out larger installations.**



**Contents:** 2 x 4mm x 1000mm (white)
6 x 5mm x 1000mm (red)
2 x 6mm x 1000mm (blue)
**Rod Capacity (m):** 10
**Contents:** 150mm white flexi lead, split ring, gender changer, tuff hook, mini eye, domed bullet, flat bullet, beam, single magnet.

**Includes a light-weight carry bag with shoulder strap.**

| Deluxe Set | |
|---|---|
| **Product** | **Reference** |
| Deluxe Set | CS-SD |

## Standard Set CS-SB:

**Designed to perform standard cable installation:**



**Contents:** 10 x 4mm x 1000mm (white)
**Rod Capacity (m):** 10
**Contents:** 150mm white flexi lead, gender changer, tuff hook, mini eye.

**Includes a light-weight easy access carry bag.**

| Standard Set | |
|---|---|
| **Product** | **Reference** |
| Standard Set | CS-SB |

## Handy Set CS-SH:

**Suitable for tool box storage:**



**Contents:** 1 x 4mm x 400mm (white)
2 x 5mm x 400mm (red)
1 x 6mm x 400mm (blue)
**Rod Capacity (m):** 1.6
**Contents:** 400mm white flexi lead, domed bullet, mini hook, mini eye

**Includes a light-weight easy access carry bag.**

| Handy Set | |
|---|---|
| **Product** | **Reference** |
| Handy Set | CS-SH |

## Rod Pairs CS-P4, CS-P5, CS-P6, CS-PN:



**Type:** CS-P4, CS-P5, CS-P6, CS-PN

**Contents:** 4mm x 1000mm White Rods x 2
5mm x 1000mm Red Rods x 2
6mm x 1000mm Blue Rods x 2
5mm x 1000mm Nylon Rods x 2

**Flexibility:** Flexible, medium, strong, fully flexible

| Rod Pairs | |
|---|---|
| **Product** | **Reference** |
| Rod Pairs | CS-P4, CS-P5, CS-P6, CS-PN |

## Attachments:

### Whisk

Enables cables to glide over rough and uneven surfaces, and is particularly useful routing cable over ceiling insulation and joists.

| Whisk | |
|---|---|
| **Product** | **Reference** |
| Whisk | CS-AW |





### Beam

Useful for inspection purposes in dark surroundings, fits onto any of the rod sets. Includes AAA battery.

| Beam | |
|---|---|
| **Product** | **Reference** |
| Beam | CS-AB |





### Cable Grips

Provides a quick and secure method of attaching cables to your rod sets. Grips reference CS-AXG0415 contains 3 cable grips suitable for a range of cable diameters from 4mm to 15mm. CS-ACG1630 contains 2 cable grips suitable for a range of cable diameters from 16mm to 30mm.

| Cable Grips | |
|---|---|
| **Product** | **Reference** |
| Cable Grips | CS-ACG0415, CS-ACG1630 |





### Strong Magnet

A helpful tool to lift metal objects up to 2.5kg in weight and can be used in conjunction with the chain to aid location.

| Strong Magnet | |
|---|---|
| **Product** | **Reference** |
| Strong Magnet | CS-AMG2 |





### Attachment Kit

Includes a 150mm long flexi lead, gender changer, mini hook, tuff hook, mini eye, split ring, round bullet, flat bullet, single magnet and chain.

| Attachment Kit | |
|---|---|
| **Product** | **Reference** |
| Attachment Kit | CS-SA |



## Technical Information



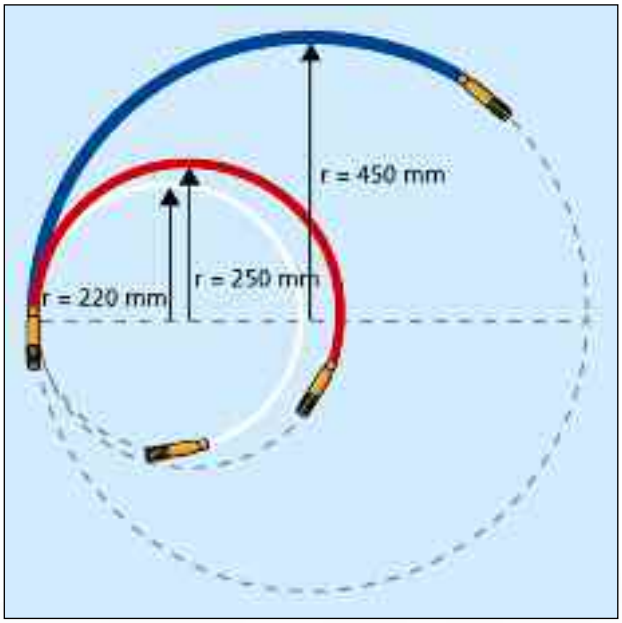
| Technical Table | | |
|---|---|---|
| **Colour** | Flexibility | OD (mm) |
| Blue (BU) | Strong | 6 |
| Red (RD) | Medium | 5 |
| White (WH) | Flexible | 4 |
| Semi-transparent white | Fully Flexible | 5 |

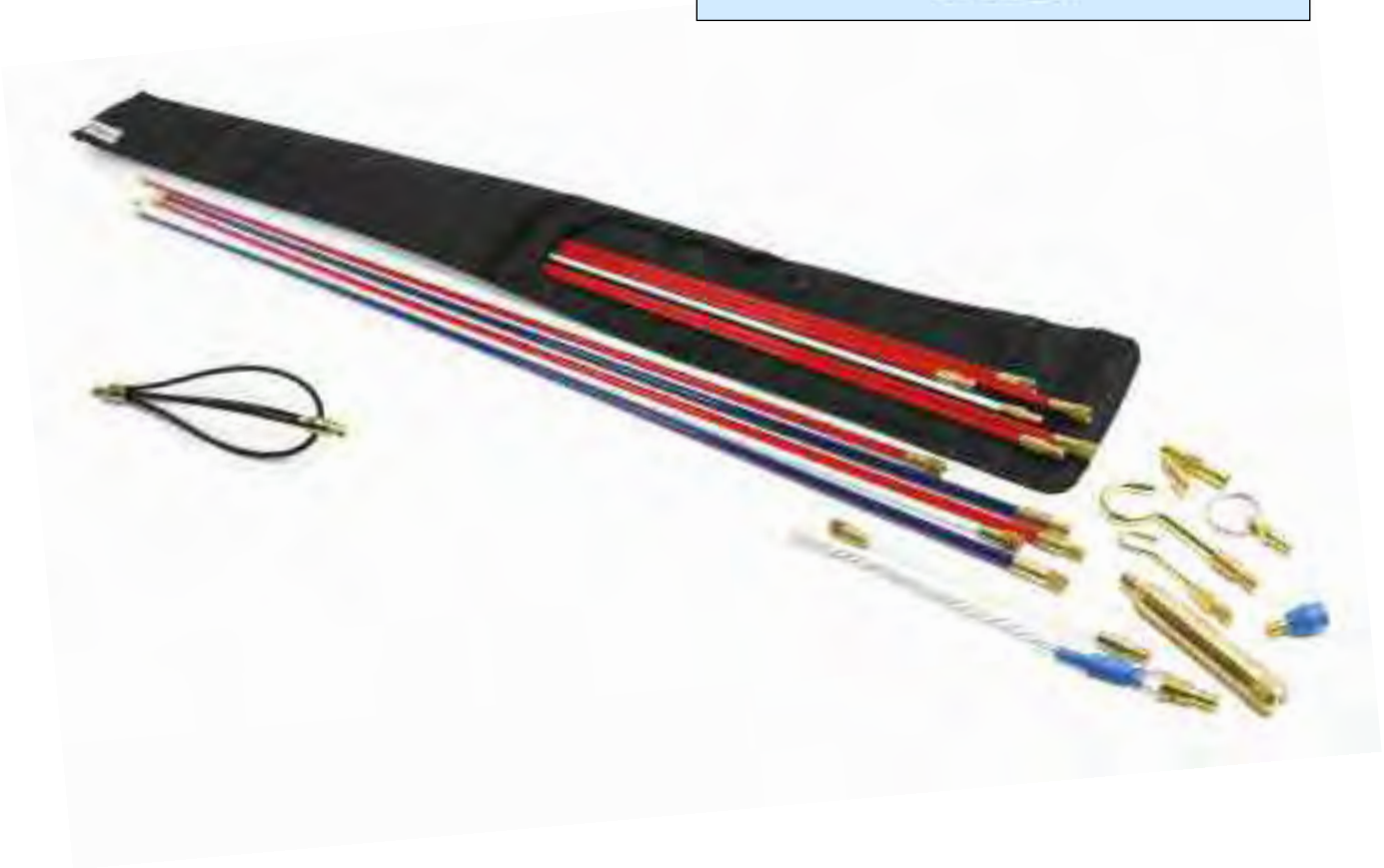
## Performance Criteria:

The Rods are available in a number of different colours. Each colour signifies the external diameter of the Rod. Difference diameters of Rod have a different flexibility and consequently differing bending radius.

The maximum recommended bending radius for each of the Rods is shown in the diagram on the left.

Rods made of glass reinforced plastic (GRP) are able to pull a cable weight of up to 80kg.



Rod Set Packages

## ALPHA STOCKIST PACKAGE

| HT PART NO | DESCRIPTION | STOCK QTY |
|---|---|---|
| CS-SB Alpha | STANDARD ROD SET | 8 |
| CS-SD Alpha | DELUXE ROD SET | 8 |

* Includes point of sale display and promotional material.



## BETA STOCKIST PACKAGE

| HT PART NO | DESCRIPTION | STOCK QTY |
|---|---|---|
| CS-SB Beta | STANDARD ROD SET | 4 |
| CS-SD Beta | DELUXE ROD SET | 4 |

* Includes point of sale display.






POS unit for Slat Wall also available please contact our customer service department.


HellermannTyton
Rod Sets
its all in the bag...
its all in the bag...
HellermannTyton
Solutions
order now:
01922 458 151
www.hellermanntyton.co.uk

## Rack-A-Tiers® - The Dependable Multi-Purpose Premium Wire Dispensing Tool

*With RACK-A-TIERS you'll experience unmatched versatility!*

- Ease of transport and storage
- Lightweight
- Durable one piece construction
- Waterproof, easy-clean
- Won't rust or rot
- Won't mark surfaces
- Made of recycled material
- Made in Canada

The ONE TOOL that does it all!

- Wire dispenser
- Pipe vise
- Saw horse
- Work bench
- Wall shelf
- Table





Cable Pulling Stands

- Unmatched ease & speed of set up
- Excellent versatility of use
- Accommodates wide range in cable sizes
- Loads of up to 150Kg (330lbs)
- Has 5* 1¾" (44.5mm) holes, 3* carry handles, & 2* V notches to hold larger cable bars
- Easy to store & transport
- Contractor to supply the conduit/bars for the mounting on the Rack-A Tier

Rack-A-Tiers

| Description | Order Code | Quantity |
|---|---|---|
| Rack-A-Tier | RT1 | 1 |

## Starrett

HellermannTyton, aware of the needs of the professional user, presents a range of Starrett hole saws. Starrett bi-metal hole saws are constructed of hardened, heat and abrasion resisting high-speed steel teeth with a tough alloy body and cap in high visibility yellow. This gives them exceptional strength, durability and shatter resistance for user safety. They will cut any wood, metal or plastic in either a handheld drill or drill press. These can be used in a wide variety of applications from production and maintenance to the electrical and building trades.

Starrett Hole Saws

| Boxed Reference | Saw Dia | Arbor | Quantity |
|---|---|---|---|
| SH0096 | 14MM | A1, A4 | 1 |
| SH0058 | 16MM | A1, A4 | 1 |
| SH1016 | 17MM | A1, A4 | 1 |
| SH0034 | 19MM | A1, A4 | 1 |
| SH2532 | 20MM | A1, A4 | 1 |
| SH1036 | 21MM | A1, A4 | 1 |
| SH0078 | 22MM | A1, A4 | 1 |
| SH1056 | 24MM | A1, A4 | 1 |
| SH0100 | 25MM | A1, A4 | 1 |
| SH0116 | 27MM | A1, A4 | 1 |
| SH0118 | 29MM | A1, A4 | 1 |
| SH0136 | 30MM | A1, A4 | 1 |
| SH0114 | 32MM | A2, A10 | 1 |
| SH0156 | 33MM | A2, A10 | 1 |
| SH0138 | 35MM | A2, A10 | 1 |
| SH0176 | 37MM | A2, A10 | 1 |
| SH0112 | 38MM | A2, A10 | 1 |
| SH0196 | 40MM | A2, A10 | 1 |
| SH0158 | 41MM | A2, A10 | 1 |
| SH1116 | 43MM | A2, A10 | 1 |
| SH0134 | 44MM | A2, A10 | 1 |
| SH1136 | 46MM | A2, A10 | 1 |
| SH0178 | 48MM | A2, A10 | 1 |
| SH0200 | 51MM | A2, A10 | 1 |
| SH0216 | 52MM | A2, A10 | 1 |
| SH0218 | 54MM | A2, A10 | 1 |
| SH56MM | 56MM | A2, A10 | 1 |
| SH0214 | 57MM | A2, A10 | 1 |
| SH0256 | 59MM | A2, A10 | 1 |
| SH0238 | 60MM | A2, A10 | 1 |
| SH0212 | 64MM | A2, A10 | 1 |
| SH0296 | 65MM | A2, A10 | 1 |
| SH0258 | 67MM | A2, A10 | 1 |
| SH68MM | 68MM | A2, A10 | 1 |
| SH0234 | 70MM | A2, A10 | 1 |
| SH0278 | 73MM | A2, A10 | 1 |
| SH0300 | 76MM | A2, A10 | 1 |
| SH0318 | 79MM | A2, A10 | 1 |
| SH0314 | 83MM | A2, A10 | 1 |
| SH0338 | 86MM | A2, A10 | 1 |
| SH0312 | 89MM | A2, A10 | 1 |
| SH0358 | 92MM | A2, A10 | 1 |
| SH0334 | 95MM | A2, A10 | 1 |
| SH0378 | 98MM | A2, A10 | 1 |
| SH0400 | 102MM | A2, A10 | 1 |
| SH0418 | 105MM | A2, A10 | 1 |
| SH0414 | 108MM | A2, A10 | 1 |
| SH0438 | 111MM | A2, A10 | 1 |
| SH0412 | 114MM | A2, A10 | 1 |
| SH0434 | 121MM | A2, A10 | 1 |
| SH0500 | 127MM | A2, A10 | 1 |
| SH0514 | 133MM | A2, A10 | 1 |






Advantages:

- Exceptional strength and durability
- Smooth cut on thinner gauge materials.
- Less tendency to bite or snag on thinner gauge materials.
- Cutting depth 41mm (1 5/8”).
- Shatter Resistant

## Drillers Dust Bowl

Simply insert the arbor shank through the brass eyelet at the base of the bowl, press the rim of the bowl against the surface of the material being sawn and begin sawing. The rim of the bowl then forms a seal against the material being cut, collecting all dirt and debris inside the bowl. Hole Saws supplied separately.

- Very simple to use – no extra parts are required
- Bowl flexies with minimal pressure as the hole is sawn
- Massive time saving – no need to mask areas prior to drilling and no clean up required after drilling
- Suitable with Starrett Bi Metal Hole Saws up to and including 177mm (8 31/32”)



| Reference | Reference | QTY |
|---|---|---|
| HTDB1 | Dust Bowl | 1 |

## Bi Metal Cordless Smooth Cutting Hole Saw

- Thin wall hole saw for cordless drills
- Each saw supplied complete with arbour, Pilot drill and ejector
- 8 TPI smooth cutting hole saw
- Integral safety stop collar makes this hole saw ideal for use cutting through electrical panels
- Suitable for cutting thin sheet metal such as Stainless Steel, Mild Steel, Copper, Zinc Plated Steel and Plasterboard
- Cutting depth 13mm
- Range 19mm to 38mm





Bi Metal Hole Saw

| Ref | Saw Dia | Quantity |
|---|---|---|
| CSC16 | 16mm | 1 |
| CSC20 | 20mm | 1 |
| CSC22 | 22mm | 1 |
| CSC25 | 25mm | 1 |
| CSC27 | 27mm | 1 |
| CSC29 | 29mm | 1 |
| CSC32 | 32mm | 1 |
| CSC35 | 35mm | 1 |
| CSC38 | 38mm | 1 |

## Starrett Kwik Change Arbor System

New from Starrett, the Kwik Change Arbor system offers regular hole saw users a fast, effective method of changing between different diameters of hole saw without adjustment of the drill chuck or arbor.

Simply attach the Kwik Change Chuck to the chuck of the drill, attach the pilot drill to the Kwik Change chuck and the arbor bodies to the bottom of all regularly used hole saws. Hole saws can then be changed at the push of a button! This simplicity of operation also means that cores can be removed from hole saws quickly and efficiently.

The additional hole enlargement arbor ensures that the new system can be used where an existing hole needs to be enlarged.

- Durable all metal construction.
- Suitable for use with all Starrett standard bi metal and multi purpose hole saws up to 152mm / 6” diameter in a hand held drill.
- Hole saw arbor bodies can be swopped between different hole saws – when a hole saw has worn out simply remove the arbor body and attach it to the new hole saw!
- The system is interchangeable with our standard arbor range.

Starrett Kwik Change Arbor System

| Ref | Description |
|---|---|
| AQCDH-1 | Kwik change chuck |
| AQCDH-1S | Kwik change chuck with SDS shank |
| A1KC-2 | Holesaw arbor 2 pack suitable for 14-30mm hole saws |
| A10KC-2 | Holesaw arbour 2 pack suitable for 32-102mm hole saws |
| A015C | Pack containing 1 off A1KC and A10KC |
| A015C-2 | HSS Pilot Drill – Hex shank |
| XA015C | Carbide tipped pilot drill – hex shank |
| XA015C-2 | 2 pack of XA015C |
| A19-1 | Redesigned cat A19 arbor for hole enlargement |
| SAQ15-4 | Pack containing 1 off AQCDH-1, A015C, A1KC, A10KC |



## Arbors

Four standard models are available, each one furnished with a 6.35mm (1/4") high speed steel pilot drills. The set-screw in the body allows for easy replacement of the pilot drill.

A4 type arbors are suitable for use with the AQC14 Quick Change Connector, A1 and A10 type arbors are suitable for use with the AQC38 Quick Change Connector.

Arbors

| Boxed Reference | Description | Quantity |
|---|---|---|
| A1 | 9.5mm Chuck | 1 |
| A10 | 9.5mm Quik-Hitch | 1 |
| A2 | 13.0mm Quik-Hitch | 1 |
| A4 | 6.35mm Round Shank | 1 |
| A5 | Extension For A2 | |
| A15 | Extension For A1, A10 | 1 |
| A014C | Pilot Drill All Types Except A4 | 1 |
| A014E | Pilot Drill A4 Only | 1 |
| A7 | Ejector Spring | 1 |
| PT28143 | Quick Change Connector | 1 |
| A1-1 | For Holesaws 14-30mm - Use with SDS Chuck & Shank | 1 |
| A2-1 | For Holesaws 32-152mm - Use with SDS Chuck & Shank | 1 |



## 'Oops' Arbor

The A19 'Oops' arbor is for use in conjunction with either the A1, A2 or A10 hole saw arbors. Replacing the pilot drill, the A19 allows diameters to be enlarged by attaching a saw of the same size to that of the existing hole, therby acting as a pilot for the larger diameter saw. Minimum hole enlargement is 4.7mm (3/16") between the pilot and the cutting saw diameter.



'Oops Arbor

| Boxed | Description | Quantity |
|---|---|---|
| OOPS Arbor (A19) | Fits A1, A2 or A10 type Arbors | 1 |

## Hole Saw Kits

A range of Starrett hole saws in a durable, hard wearing carry case.



Starret Hole Saw Kits

| Reference | Description | Contents | Quantity |
|---|---|---|---|
| K2000G | General Purpose Kit | 22, 29, 35, 44, 51 & 64mm A1 & A10, A7 Ejector Spring | 1 |
| K2000E | Electricians Kit | 16, 20 ,25, 29, 44, & 51mm A1 & A10, A7 Ejector Spring | 1 |
| K2000DE | Deluxe Electricians Kit | 16, 20 ,22, 25, 29, 35, 44, 51 64, 68 & 76mm, A1 & A2, A7 Ejector Spring | 1 |
| K2000PE | Plumber & Electricians Kit | 16, 20, 22, 29, 35, 38, 40, 44, 51, 65, 68mm, A1 & A2, A7 Ejector Spring | 1 |
| KCSC200G | Cordless Smooth Cutting Hole | 16, 20, 25, 27, 30, 32, 38 & Quick Change Connector | 1 |

## Downlight Hole Saw Kit

Tungsten Carbide Tipped Fast Cut Multi Purpose Hole Saws are perfect for plasterboard, wood, ceramics and anything which is wood based. The new kit contains all the most popular hole saw sizes for cutting downlight apertures.

Kit Contents:

| | |
|---|---|
| 1x35mm | 1x73mm |
| 1x40mm | 1x76mm |
| 1x44mm | 1x83mm |
| 1x51mm | 1x86mm |
| 1x60mm | 1x92mm |
| 1x65mm | 1xXA17-38 Arbor |
| 1x70mm | |



Down Light Hole Saw Kit

| Reference | Description | Qty |
|---|---|---|
| KMPH2000DL | Downlight Kit | 1 |

## Tungsten Carbide Tipped Fast Cut Multi Purpose Hole Saws



Starrett Tungsten Carbide Tipped Fast Cut Multi Purpose Hole Saws (MPH Hole Saws) are the perfect tool for users from construction and installation engineers to the DIY enthusiast. Offering very fast cutting times, and outstanding life, the MPH saws will power through wood, MDF, plastics and ceramic wall tiles.
For installers our range of kits provide the perfect solution to all your cutting needs.

- Carbine tipped teeth for outstanding cutting performance and product durability
- Smooth cut, with minimal heat build up
- Cutting depth 54mm (2.1/8”). This allows use for cutting through strapping and joists, removing the need for ship auger drill bits.
- Suitable for use in mains and battery powered tools.
- Multiple uses - cutting wood, mdf, plastics, ceramic wall tiles and building bricks
- A range of general purpose and specialist Locksmith’s Kit are available, featuring the most popular sizes of saw and appropriate arbors.

Diameter

| mm | Inch | Cat No | Arbor Ref No |
|---|---|---|---|
| 20 | 25/32 | MPH2532 | 1/2 |
| 22 | 7/8 | MPH0078 | 1/2 |
| 25 | 1 | MPH0100 | 1/2 |
| 30 | 1.3/16 | MPH0136 | 1/2 |
| 32 | 1.1/4 | MPH0114 | 3/4/5 |
| 38 | 1.1/2 | MPH0112 | 3/4/5 |
| 41 | 1.5/8 | MPH0158 | 3/4/5 |
| 51 | 2 | MPH0200 | 3/4/5 |
| 54 | 2.1/8 | MPH0218 | 3/4/5 |
| 64 | 2.1/2 | MPH0212 | 3/4/5 |

Recommended Arbors

| Arbor Ref | Cat No | Fits Hole Saws mm | Fits Hole Saws Inch | Fits Chuck Size | Additional Information |
|---|---|---|---|---|---|
| 1 | A1E/XA1 | 14-30 | 9/16-1.3/16 | 9.5mm/3/8” | Fits AQC 38 Quick Change Connector |
| 2 | A4E/XA4C | 14-30 | 9/16-1.3/16 | 6.5mm/1/4” | Fits AQC 14 Quick Change Connector |
| 3 | A17-38E/XA17-38 | 32-159 | 1.1/4-6.1/4 | 9.5mm/3/8” | Locking Arbor, fits AQC38 Quick Change Connector |
| 4 | A2E/XA2 | 32-159 | 1.1/4-6.1/4 | 13mm/1/2” | Quick Hitch Arbor |

Hole Saw Kits

| Description | Cat No | Hole Saw Sizes | Arbors |
|---|---|---|---|
| General Purpose Kit 1 | KM PH2000GP1 | 19mm, 22mm, 29mm, 35mm 44mm and 51mm | A1E & A17-38E |

NOTE: (1) For hole saws greater than 30mm (1.3/16”) dia the Locking Arbor is the recommended arbor as it will provide the best results and maximise the life of the saw, although the A2E and A10E will also be suitable.(2) When cutting ceramics a carbide tipped pilot drill is recommended. Please order XA arbors.

## Jigsaw Blades

Starrett offers industrial quality high speed steel edge bi-metal blades.

These blades have a high speed steel cutting edge welded to a tough, flexible back. This combination provides long life and makes them virtually unbreakable. These Jigsaw blades have the pitch printed on the shank end so that it will not easily wear off - no more guessing the pitch of a used blade.

Features & Benefits

- One shank fits all jig saw machines
- Only 17 blades to meet all cutting requirements
- 170% greater resistance to tooth breakage and fracture
- 25% more tool life
- Smoother, faster, straighter cuts
- Shatterproof design, unbreakable during normal use
- Lower cost per cut
- Merchandisable





| For use on | Reference | Cutting Length | Width | No. Of Blades Per Pack |
|---|---|---|---|---|
| Wood | BU36T-5 | 75mm | 7.5mm | 5 |
| Wood | BU36-5 | 75mm | 7.5mm | 5 |
| Wood | BU46-5 | 100mm | 9.5mm | 5 |
| Wood | BU56-5 | 125mm | 9.5mm | 5 |
| Wood | BU38-5 | 75mm | 7.5mm | 5 |
| Wood | BU310T-5 | 75mm | 7.5mm | 5 |
| Wood | BU310DT-5 | 75mm | 7.5mm | 5 |
| Multi purpose | BU41014-5 | 100mm | 9.5mm | 5 |
| Multi purpose | BU214-5 | 50mm | 7.5mm | 5 |
| Multi purpose | BU214S-5 | 50mm | 4.5mm | 5 |
| Multi purpose | BU218-5 | 50mm | 7.5mm | 5 |
| Multi purpose | BU418-5 | 100mm | 9.5mm | 5 |
| Abrasive Materials | BU230-5 | 50mm | 7.5mm | 5 |
| Metal | BU224-5 | 50mm | 7.5mm | 5 |
| Metal | BU224S-5 | 50mm | 4.5mm | 5 |
| Metal | BU424-5 | 100mm | 9.5mm | 5 |
| Metal | BU232-5 | 50mm | 7.5mm | 5 |

## The Hidden Edge Knife

The hidden edge keeps the blade safely tucked away when not in use, yet instantly available by simple releasing the safety lock and squeezing the lever.

- Supplied with 3 blades
- Quick release blade change
- Adjustable cutting depth
- Storage for up to 10 blades.

The Hidden Edge Knife

| Reference | Description | Quantity |
|---|---|---|
| SO11 | The hidden edge Knife | 1 |



## Hacksaw Frames

A range of heavy duty hacksaw frames and Junior Hacksaw frames.

Hacksaw Frames

| Reference | Description | Quantity |
|---|---|---|
| 140 | Starrett Heavy Duty Tension Hacksaw Frame | 1 |

- High tension frame
- Suitable for 300mm/12" blade
- Supplied with one bi-metal Safe-flex Frame



Ref - 140

Hacksaw Frames

| Reference | Description | Quantity |
|---|---|---|
| 145 | Starrett Heavy Duty Hacksaw Frame | 1 |

- Professional quality high tension hacksaw frame providing an easy to use adjustment handle, comfortable rugger handle and an ergonomic grip.
- 6 turns of the adjustment handle will tension the blade up to 2000kgs/cm sq.
- High tension keeps the blade from twisting and binding even in the most aggressive applications.
- Mounting pins keep the blade secure even when the tension is released.
- Supplied complete with one Bi-metal Unique Safe-flex blade.



Ref - 145

Hacksaw Frames

| Reference | Description | Quantity |
|---|---|---|
| D225 | Disston 12" Hacksaw Frame | 1 |

- 300mm heavy duty aluminium hacksaw frame.
- Quick and easy blade change
- High blade tension, giving straighter cuts
- Two cutting angles for flush and straight cuts
- Hollow frame with holding screw - simply converts to a padsaw and stores up to 10 blades.




Ref - D225

Hacksaw Frames

| Reference | Description | Quantity |
|---|---|---|
| DJF6 | Disston Junior Hacksaw Frame | 1 |

- 6" Junior hacksaw frame, complete with blade.



Ref - DJF6

## Hacksaw Blades

A range of bi-metal hacksaw blades, 24 and 32 TPI (teeth per inch).

Hacksaw Blades

| Ref | Description | Quantity |
|---|---|---|
| BS1224 | Starrett Blue Stripe – High Speed Steel 24PTI | 100 |
| BS1232 | Starrett Blue Stripe – High Speed Steel 32TPI | 100 |
| GS1224 | Starrett Grey Flex 24 TPI | 100 |
| GS1232 | Starrett Grey Flex 32 TPI | 100 |
| KBS1218-10 | Starrett 300 x 13 x .65mm hacksaw blades 18 TPI | 10 |
| KBS1224-10 | Starrett 300 x 13 x .65mm hacksaw blades 24 TPI | 10 |
| KBS1232-10 | Starrett 300 x 13 x .65mm hacksaw blades 32 TPI | 10 |
| DJH632 | Disston Junior Hacksaw Blades | 10 |



## Hole Cutters

All cutting tools are ground using cubic crystalline Boron Nitride (CBN). This gives a perfect cutting edge that lasts considerably longer and is more precise than other forms of grinding. All products are CBN ground from fully hardened material making further heat treatment which can distort the cutting edges and precision of the tool unnecessary.

## Step Drills



The CBN ground and spiral flutes ensure quiet operation and high performance. The tapered, chamfered end of the cone makes it easier to withdraw the tool from the material.
Non slip point; needs no centre punch

- Enlarges existing holes
- Round shank
- Each step laser marked with hole size
- Can be used on non ferrous metal, special steel, thermoplastics and duoplastics

Step Drills

| Reference | Size | Cut out |
|---|---|---|
| 101050-5 | 0/5 | 4-12mm - 5 steps |
| 101051 | 1 | 4-20mm - 9 steps |
| 101052 | 2 | 4-30mm - 14 steps |
| 101095 | 11 | 6-25mm - 9 steps |

## Tube and Sheet Drills



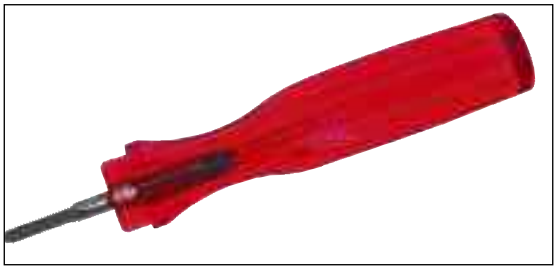
The CBN ground and spiral flutes ensure quiet operation and high performance. The tapered, chamfered end of the cone makes it easier to withdraw the tool from the material.
Non slip point; needs no centre punch

- Enlarges existing holes
- Round shank
- Can be used on non ferrous metal, special steel, thermoplastics and duoplastics

Tube Sheet Drills

| Reference | Size | Cut out |
|---|---|---|
| 101001 | 1 | 3-14mm |
| 101002 | 2 | 5-20mm |
| 101022 | 9 | 5-22.5mm |
| 101003 | 3 | 16-30.5mm |
| 101004 | 4 | 24-40mm |
| 101005 | 5 | 36-50mm |

## Switch and Socket Box Rethreaders

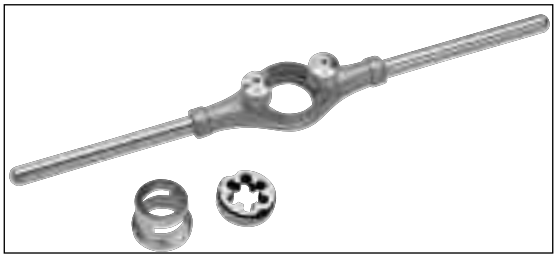


HSS taps fitted with moulded handle. Designed for cleaning the threads in fixings holes of sockets or switch boxes with malformed threads or are blocked with plaster or cement.

Switch & Socket Rethreaders

| Reference | Size | Cut out |
|---|---|---|
| 230350 | 3.5mm | Rethreader (No.1 selling size used) |
| 230040 | 4.0mm | Rethreader |

## Guide and Dies



Guide & Dies

| Reference | Description |
|---|---|
| 180/0020 | 20mm Die |
| 180/0030 | 25mm Die |
| 180/0050 | 20mm Guide |
| 180/0060 | 25mm Guide |
| 180/120 | 20 & 25mm Guide and Die Set |

# Eye Protection

## Plano Eyewear

HellermannTyton, aware of the needs of the professional user, presents a new range of Plano security eyewear that offers comfort and a modern design in the most complete respect of European EN166 Standards specification.

### G13

- Extremely sporting and lightweight frameless glasses
- Wraparound lenses offer total protection and unrestricted side view
- Polycarbonate, antiscratch and ultraviolet protection
- Cannot be used for welding



Recommended for

- Every mechanics processing: grinding, drilling and cutting
- Building

G13

| Reference | Frame Colour | Lens Colour | Pack Qty |
|---|---|---|---|
| PLG13 | Silver | Transparent | 1 |

### G14

- Extremely sporting and lightweight frameless glasses
- Wraparound lenses offer total protection and unrestricted side view
- Polycarbonate, sun and ultraviolet protection
- Cannot be used for welding



Recommended for

- Every mechanics processing: grinding, drilling and cutting
- Building
- Outdoor applications where sunlight and glare cause eyestrain and fatigue

G14

| Reference | Frame Colour | Lens Colour | Pack Qty |
|---|---|---|---|
| PLG14 | Blue | Blue mirror | 1 |

### G15

- Extremely sporting and lightweight frameless glasses
- Wraparound lenses offer total protection and unrestricted side view
- Polycarbonate, antiscratch, ultraviolet protection and high visibility
- Cannot be used for welding



Recommended for

- Every mechanics processing: grinding, drilling and cutting
- Building
- Low visibility situations

G15

| Reference | Frame Colour | Lens Colour | Pack Qty |
|---|---|---|---|
| PLG15 | Gold | Yellow | 1 |

## G33

- Anti-scratch and give UV protection.
- Wraparound polycarbonate lenses
- Lightweight frames
- Anti-fog/mist
- Removable ventilation strip designed to prevent misting on the inside and also absorbs perspiration.
- Rubber nose grip provides extra comfort & reduces slipping when the head is lowered.
- Come with an easily attachable lanyard



G33

| Reference | Frame Colour | Lens Colour | Pack Qty |
|---|---|---|---|
| PLG33 | Blue | Clear | 1 |

## G34

- sun protective (protect from both UVA & UVB rays) & mirrored finish
- Wraparound polycarbonate lenses
- Lightweight frames
- Anti-fog/mist
- Removable ventilation strip designed to prevent misting on the inside and also absorbs perspiration.
- Rubber nose grip provides extra comfort & reduces slipping when the head is lowered.
- Come with an easily attachable lanyard



G34

| Reference | Frame Colour | Lens Colour | Pack Qty |
|---|---|---|---|
| PLG34 | Grey | Silver | 1 |

## PL528

- Glasses case to protect all safety glasses featured



Glasses Case

| Reference | Description |
|---|---|
| PL528TX-3 | Glasses Case |

## Head Torch

- Energy saving, high power long life time ultra bright 1W LED bulb
- ABS/Aluminium alloy body making it light weight 77gm inc. batteries
- 3 function settings
- Uses 3 AAA batteries (included)
- Fully adjustable head strap
- Pivoting lamp
- Bulb life 50,000 hours
- Blister packed



Head Torch

| Reference | Description | Pack Qty |
|---|---|---|
| HT105 | 1W LED Head Torch | 1 |

## Knee Protection

### Nailers Protective Knee Pads

- New generation of effective knee pad joint protectors
- Comfortable, retain shape better, last longer and absorb shock effectively
- Quick fix and release adjustable straps - for all day comfort
- Fully certified - EN1621/1 - abrasion and impact tested

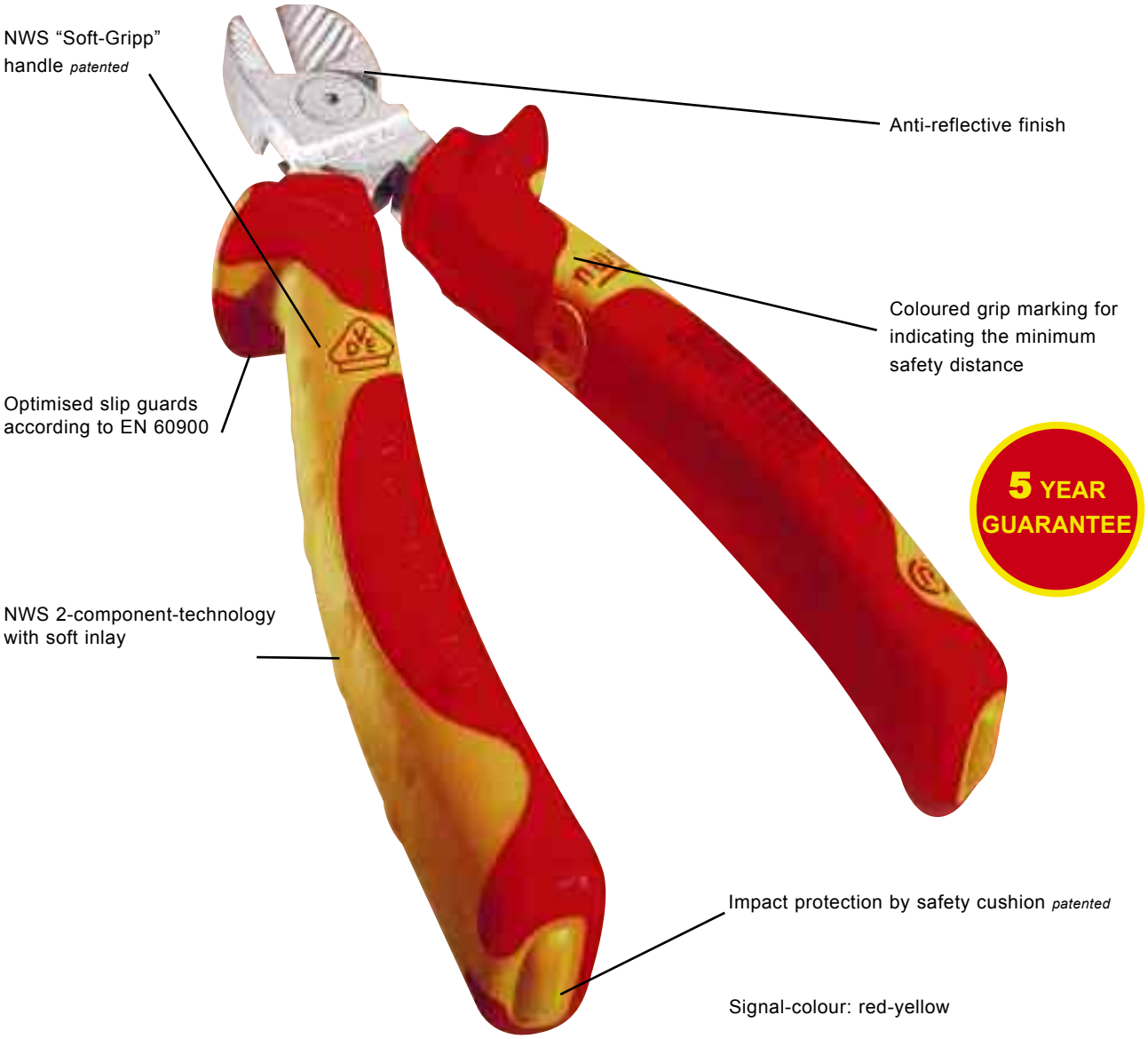


Protective Knee Pads

| Reference | Description |
|---|---|
| 60200-G1 | Gel swivel knee protector |

## NWS High Quality VDE Tested Electricians Safety Pliers/Side Cutters

NWS safety pliers are designed to protect personnel working on or around live equipment up to 1000AC and 1500DC. Made in Germany NWS tools are manufactured from top quality raw materials and rigorously tested to ensure compliance with the latest international standards.




Features & Benefits

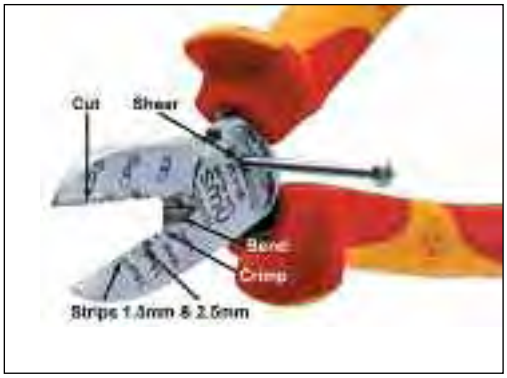
- Superior design quality pliers
- Patented bi-component red/yellow handles
- Ergonomic design improves handling
- Soft grip inlay indicates safety distance from working head
- Impact resistant safety cushion - protects handles when dropped
- Optimised grip guards in accordance with EN60900
- Optimised grip guards in accordance with EN60900
- Hot drop-forged from special alloy tool steel to NWS specification
- Matt chrome finish for maximum corrosion protection
- Precision cutting edges induction hardened, better cutting, longer life
- Joint and rivet machined and hardened for smooth operation and long life

EN 60900

## VDE Safety Tools

### 6-in-1 VDE Cutter

- Shear M3.5 pattress screws
- Precision cutting edges
- Strip 1.5mm cable
- Strip 2.5mm cable
- Bend wire
- Crimp terminals and end sleeves
- Individually tested to 10,000V




| 6-in-1 VDE Cutter | | |
|---|---|---|
| Reference | Description | Qty |
| N1351-49-VDE-190C | 6-in-1 VDE Cutter | 1 |




### 5-in-1 CombiMax Pliers

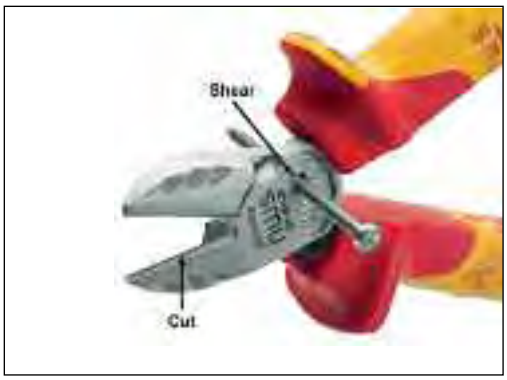
- Shear M3.5 pattress screws
- Precision cutting edges
- Grip nuts and bolts
- Grip flats and pipes
- Grip nails and pins
- Individually tested to 10,000V

| 5-in-1 CombiMax Pliers | | |
|---|---|---|
| Reference | Description | Qty |
| N1093-49-VDE-180C | 5-in-1 VDE CombiMax Pliers | 1 |

### 2-in-1 VDE Side Cutters

- Shear M3.5 pattress screws
- Induction hardened precision cutting edges
- Improved leverage for better power transmission
- Individually tested to 10,000V

| 2-in-1 VDE Side Cutters | | |
|---|---|---|
| Reference | Description | Qty |
| N1343-49-VDE-160C | 2-in-1 VDE Cutter | 1 |




1000V EN/IEC 60900

5 YEAR GUARANTEE

## VDE Pliers and Cutters

| Combination Pliers | | |
|---|---|---|
| Reference | Size | Qty |
| N111-49-VDE-180C | 180mm | 1 |
| N111-49-VDE-205C | 205mm | 1 |

| Side Cutters | | |
|---|---|---|
| Reference | Size | Qty |
| N134-49-VDE-160C | 160mm | 1 |
| N134-49-VDE-180C | 180mm | 1 |

| Heavy Duty Side Cutter | | |
|---|---|---|
| Reference | Size | Qty |
| N137-49-VDE-200C | 200mm | 1 |

| Long Nose Pliers | | |
|---|---|---|
| Reference | Size | Qty |
| N140-49-VDE-170C | 170mm | 1 |
| N140-49-VDE-205C | 205mm | 1 |

| Wire Stripper | | |
|---|---|---|
| Reference | Size | Qty |
| N145-49-VDE-160C | 160mm | 1 |

| Cable Cutters | | |
|---|---|---|
| Reference | Size | Qty |
| N043-49-VDE-160C | 160mm | 1 |
| N043-49-VDE-210C | 210mm | 1 |

| Waterpump Plier | | |
|---|---|---|
| Reference | Size | Qty |
| N165-49-VDE-240C | 240mm | 1 |

EN 60900



5 YEAR GUARANTEE

## VDE ErgoCombi & ErgoMulti Pliers Bi-Component Soft-grip handle

| VDE ErgoCombi & ErgoMulti Pliers Bi-Component Soft-grip handle | | |
|---|---|---|
| Reference | Size | Qty |
| N509609 | 7.3/4"/200mm VDE Ergo Combi pliers cuts 2.5mm hard wire – 13mm cable | 1 |
| N540626 | 7.3/4"/200mm VDE Ergo Multi pliers strips 1.5mm cable – 2.5mm cable | 1 |



5 YEAR GUARANTEE



5 YEAR GUARANTEE

## VDE Safety Screwdriver Sets

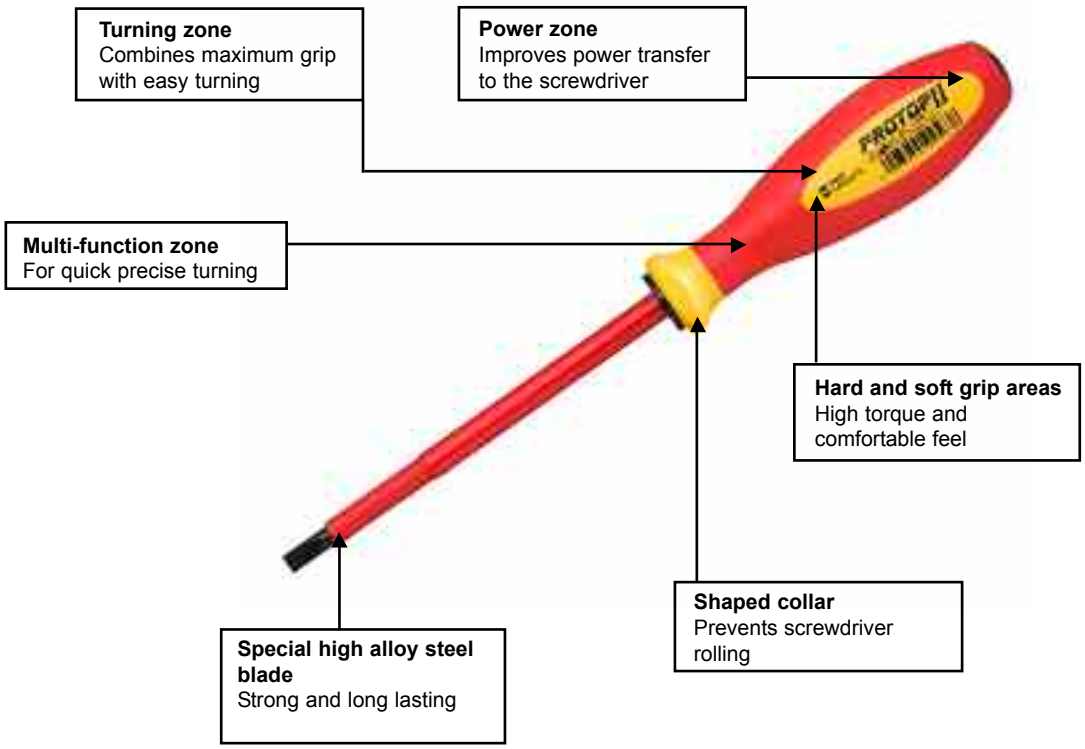



| VDE 7 Piece Safety Screwdriver Set | |
|---|---|
| Reference | Size |
| 670020 | **7 piece set containing:** Slotted: 1 x 65mm,75mm, 100mm,125mm and 150mm. Phillips: PH1 80mm and PH2 100mm. |

| VDE 7 Piece Safety Screwdriver Set | |
|---|---|
| Reference | Size |
| 670021 | **7 piece set containing:** Slotted: 1 x 65mm, 75mm, 100mm,125mm and 150mm. Pozi: PZ1 80mm and PZ2 100mm. |

| VDE 5 Piece Safety Screwdriver Set | |
|---|---|
| Reference | Size |
| 670024 | **5 piece set containing:** Slotted: 1 x 75mm, 100mm,125mm Phillips: PH1 80mm and PH2 100mm. |

| VDE 5 Piece Safety Screwdriver Set | |
|---|---|
| Reference | Size |
| 670025 | **5 piece set containing:** Slotted: 1 x 75mm, 100mm,125mm Pozi: PZ1 80mm and PZ2 100mm. |



## Witte Protop II VDE Screwdrivers
## VDE Safety Screwdrivers

The 3 component handle means the core is stronger and allows for impact with a hammer, without damaging the handle or driver. Its unique triangular shape ensures maximum grip within the head.

- Easy identification of screw type
- Soft component
- Fully insulated blade
- Certified to ISO and DIN Standards – EN IEC 60900
- Made in Germany
- Individually tested in water at 10,000 volts
- Temperature tested at –40$^{o}$C

| Slotted Screwdriver - to ISO 2380 | |
|---|---|
| Reference | Size |
| 74051 | 2.5mm x 75mm |
| 74052 | 3.0mm x 100mm |
| 74053 | 3.5mm x 100mm |
| 74054 | 4.0mm x 100mm |
| 74055 | 5.5mm x 125mm |
| 74056 | 6.5mm x 150mm |



| Phillips Screwdriver - Blade to ISO 8764 Standard | |
|---|---|
| Reference | Size |
| 74061 | 3.0mm x 60mm |
| 74062 | 4.5mm x 80mm |
| 74063 | 6.0mm x 100mm |
| 74064 | 8.0mm x 150mm |



| Crosspoint Screwdriver – Blade to ISO 8764 Standard | |
|---|---|
| Reference | Size |
| 74071 | PZ0 3.0mm x 60mm |
| 74072 | PZ1 4.5mm x 80mm |
| 74073 | PZ2 6.0mm x 100mm |
| 74074 | PZ3 8.0mm x 150mm |



| MODUL Phillips Screwdriver | |
|---|---|
| Reference | Size |
| 74081 | PH1 Modul 4.5mm x 80mm |
| 74082 | PH2 Modul 6.0mm x 100mm |



| MODUL Crosspoint Screwdriver | |
|---|---|
| Reference | Size |
| 74091 | PZ1 Modul 4.5mm x 80mm |
| 74092 | PZ2 Modul 6.0mm x 100mm |



## Tape Measures

- A range of 5M and 8M standard tape measures
- A dual reading, dual printed tape measure. The blade markings are printed on both sides to allow measurements to be taken from either the left or the right without the blade markings being upside down.

Tape Measures

| Ref | Description | Quantity |
|---|---|---|
| Z025025D | Dual blade tape measure 5M | 1 |
| Z028025D | Dual blade tape measure 8M | 1 |
| Z02VV05 | Vice-versa tape measure 5M | 1 |



Ref - Z028025D



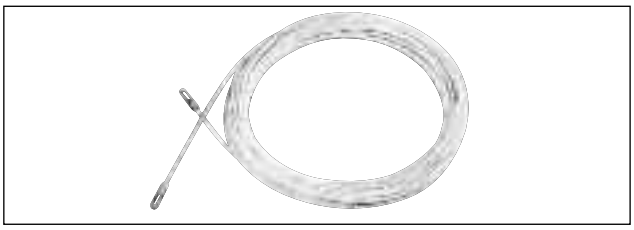
Ref - Z02VV05



Ref - Z025025D

## Nylon Fish Tape

| Fish Tape | | |
|---|---|---|
| Reference | Description | Quantity |
| DTN10 | NYLON 10M | 1 |
| DTN20 | NYLON 20M | 1 |
| DTN30 | NYLON 30M | 1 |



## Pro Grabit – Damaged Screw & Bolt Remover

- Removes free spinning screws
- Winslow tip for self centring.
- Double ended 2 piece set.
- removes screw from wood, metal or plastic.
- Screw sizes no6-14.
- Bolt sizes M4-8

| Prograbit | | |
|---|---|---|
| Reference | Description | QTY |
| PROGRAB | Pro Grabit | 1 |




## Cable Cutters

- Cable cutting up to 50mm$^2$
- High visibility yellow handle

| Cable Cutters | | |
|---|---|---|
| Reference | Description | Quantity |
| TTC8 | Cable Cutter Up To 35mm$^2$ | 1 |
| TTC10 | Cable Cutter Up To 50mm$^2$ | 1 |



## Drill Bit Sets

- Selection of drill bit sets to meet the electricians requirements
- Drill bits to European standards
- Packed in re-usable cases







| Drill Bit Sets | | |
|---|---|---|
| Reference | Description | Qty |
| 205200 | 170 piece rolled twist drill set. Metal carry case 10 pieces of each 1-8mm, 5 pieces of each 8.5-19mm in increments of 0.5mm | 1 |
| D16165 | 16mm 4 flute drill | 1 |
| D120165 | 20mm 4 flute drill | 1 |
| D22165 | 22mm 4 flute drill | 1 |
| D25165 | 25mm 4 flute drill | 1 |
| D32165 | 32mm 4 flute drill | 1 |
| D00165 | 5 piece set (all above sizes) | 1 |
| RU205202 | Ruko 13 pce twist drill set | 1 |
| A205210 | Ruko 19 pce twist drill set | 1 |

## Quick Change Adaptor

- Fits ¼" and 3/8" power tool accessories without power groove
- Time saving – no need to change adaptors
- Quick change – push in shank and pull back collar to release
- Safety lock – secures shank in place
- Ideal for arbors, drill bits, hex screwdriver bits, flat bits and auger bits



| Quick Change Adapter | | |
|---|---|---|
| Reference | Description | Qty |
| D6567 | Quick change Universal Adaptor 10mm (3/8") hexagonal shank | 1 |

## Plano Technic Line

- Latest ideas from Plano USA
- New concept in soft storage and work wear
- Smart colour co-ordinated red & grey
- Practical way to store tools
- Easily wiped clean
- Light weight but very durable
- Tools not included

## Plano Toolbelts - Matt Black Collection

- Highly water resistant - water repellent, functional toolbelts
- Light weight and padded
- Quick release buckle
- Extremely durable - easily wiped clean
- Waist size 90-120cm
- Tools not included





Plano Toolbelts

| Reference | Size |
|---|---|
| PL52170 | 23 pocket belt - 2 x pouches, tape holder (up to 8m), hammer loop |
| PL52180 | 15 pocket belt - 1 x pouch, tape holder, cordless drill holster |

## Plano Electricians Tool Case

- Pro-bag workstation
- Fit for electronic tools
- Opening on both sides
- Big outer pocket for documents
- Tools not included



Plano Electricians Tool Case

| Reference | Description |
|---|---|
| PL552TX | Electricians Tool Case |

## Plano Padded Tool Briefcase

- Large front pocket designed to hold laptop/files/documents, this also features 9 internal pockets and is fastened with 2 clips.
- The rear pocket is padded and ideal for holding tools, features and various sized elasticated tool holders.
- Complete with carry handle and shoulder strap.
- Tools not included





Plano Padded Tool Briefcase

| Reference | Description |
|---|---|
| PL559T | Plano padded tool briefcase |

Colours may vary

## Plano Back Pocket Pouch



- Fits into back pocket
- Keeps contents safe 'n' secure – at all times
- 1 large tool pocket
- 2 small tool pockets
- Clip for tape rolls, gloves and keys
- Made from hard wearing re-inforced 600 x 600 polyester

Plano Back Pocket Pouch

| Reference | Description | Quantity |
|---|---|---|
| PL527RS/MB | Back Pocket Pouch | 1 |

*Tools not included

## Double Pocket Tool Holster



- 2 pockets for small tools
- 2 elastic holders for pens, terminal screwdrivers etc
- Universal metal clip to fit onto belts and trousers
- Loop for securing to belts
- Compact design provides useful storage
- Made from hard wearing re-inforced 600 x 600 polyester

Plano Double Pocket Tool Holster

| Reference | Description | Quantity |
|---|---|---|
| PL524RS/MB | Double Pocket Tool Holster | 1 |

*Tools not included

## NEW Formula Fospro PX - Industrial Strength Protective Lubricant

Fospro is the complete maintenance treatment for protection against corrosion, water displacement, lubrication and light surface rust removal. One simple application – by spray, swab or dip – stops the spread of existing corrosion, gives lasting protection against further attack and removes and repels ambient moisture. Fitted with a 360º Spray System for all angle use, even upside down.

Application

Fospro PX is specifically used for preservation and corrosive inhibition after operation of certain gas turbine engines and as a de-watering and protective fluid.

Forpro PX is ideal for use on all mechanical and electrical equipment being suitable for use on low voltage equipment up to 250V.

As a penetrant, it will quickly free seized nuts, bolts and bearings, whilst the highly effective water displacing properties make the perfect ‘damp-start’ solution for ignition systems and other electrical equipment.

The protective, lubricating film is non-conductive and remains operational even at severe sub-zero temperatures. It will not affect paints or plastics and is lastingly effective on all metals, including aluminium. Freshly machined surfaces resist ‘finger-marking’ and will stay clean and bright, even in highly corrosive conditions.




| Reference | Description | QTY |
|---|---|---|
| Fospro PX | Fospro - Industrial Strength Protective Lubricant | 12 x 400ml |




*If you have any special requirements please contact our sales office on -*

| | |
|---|---|
| UK | +44(0) 1922 458151 |
| Belfast | +44(0) 2890 775005 |
| Dublin | +353(0)1626 8267 |

www.hellermanntyton.co.uk










Electrical Maintenance

| Product Name / Reference | Carton Qty | Features |
|---|---|---|
| Contact Cleaner FG 1/400<br>Contact Cleaner FG 12/400 | 1 x 400ml<br>12 x 400ml | CONTACT CLEANER FG is a highly effective precision cleaning solvent blend which does not contain chlorinated solvents, alcohols or Glycol ethers. Contact Cleaner FG improves the performance and reliability of electrical/electronic equipment in the food industry by preventing contact failures or malfunctions by dissolving and rinsing away contaminants which may hold moisture and cause corrosion or arcing. |
| Amberclens 1/400<br>Amberclens 12/400 | 1 x 400ml<br>12 x 400ml | AMBERCLENS is a unique anti-static foaming cleaner based on a blend of surfactants, solvents, inhibitors and water. Unrivalled in performance, it quickly and easily removes all types of dirt, grease, stains, soiling and other contamination from hard surfaces and fabrics. |
| 40+ Protective Lube 1/400<br>40+ Protective Lube 12/400 | 1 x 400ml<br>12 x 400ml | AMBERSIL 40+ is the complete maintenance treatment for protection against corrosion, water displacement, lubrication and light surface rust removal. One simple application - by spray, swab or dip - stops the spread of existing corrosion, gives lasting protection against further attack and removes and repels ambient moisture. |
| AGL1 1/400<br>AGL1 12/400 | 1 x 400ml<br>12 x 400ml | AGL 1 is a multi purpose, greaseless lubricant preventing electrical and electronic malfunction caused by water penetration, humidity, condensation or corrosion. The stable, low surface tension, high capillary action formula provides great penetrating and wetting power. |
| SV100 Electrical Varnish 1/400<br>SV100 Electrical Varnish 12/400 | 1 x 400ml<br>12 x 400ml | Provides a tough, impervious insulating seal - ideal for components subjected to 'difficult' environments and high humidity. It is particularly suitable for improving leakage characteristics of terminal assemblies and also seals electrical leakage paths. It has excellent resistance to transformer oils and moisture with good noise reduction characteristics. Dries rapidly to form a hard red coloured film. |
| Amberklene FE10 1/400<br>Amberklene FE10 12/400 | 1 x 400ml<br>12 x 400ml | AMBERKLENE FE10 is a fast evaporating solvent blend which contains no CFCs or other chlorinated solvents. It is an ideal alternative to 1,1,1 Trichloroethane. |
| CCL100 1/400<br>CCL100 12/400 | 1 x 400ml<br>12 x 400ml | CCL 100 is a fast drying cleaner for all electrical and electronic components. Ideal for all types of contacts and switches where a light residue of lubrication is required after cleaning. CCL has the following benefits: · Clear, low odour, fast evaporating cleaner, Speedily cleans grease and dirt from metal electrical and electronic components. Low toxicity, Can be used on most plastics, Directional nozzle with separate extension tube. |
| NF Precision Cleaner 1/400<br>NF Precision Cleaner 12/400 | 1 x 400ml<br>12 x 400ml | A unique non-flammable precision cleaner for electrical and electronic equipment. Chlorinated hydrocarbons (1,1,1-trichloroethane), chlorofluorocarbons (CFC's) and hydrochlorofluorocarbons (HCFC's) are extremely effective solvents. |
| IPA 1/400<br>IPA 12/400 | 1 x 400ml<br>12 x 400ml | IPA is an internationally approved general purpose, cost effective electronic cleaning solvent. Ideal for cleaning, degreasing and defluxing delicate electronic assemblies.IPA has many advantages including Forming an azeotrope with water to assist removal of moisture, Leaves no residue and is a highly versatile cleaning solvent. |
| Air Duster 1/400<br>Air Duster 12/400 | 1 x 400ml<br>12 x 400ml | AIR DUSTER is a liquified gas which provides a dry, powerful blast for easy removal of dust and other loose contamination. This product has been formulated without the use of any CFCs or HCFCs. |
| Anti-Static Spray 1/400<br>Anti-Static Spray 12/400 | 1 x 400ml<br>12 x 400ml | ANTI-STATIC SPRAY is a specialist formulation for the temporary reduction of electrostatic charges generated by friction and atmospheric conditions. Anti-Static Spray reduces airborne dust accumulation and is safe to use on most substrates. Particularly useful in the textile and paper making industries or for use in dust laden atmospheres. |
| AMS4 Silicone Grease 1/400<br>AMS4 Silicone Grease 12/400 | 1 x 400ml<br>12 x 400ml | AMS4 SILICONE GREASE provides a smooth, non-melting coating with a broad spectrum of applications. Broad operating temperature range (-50°C to + 200°C), Heat resistant (up to 200°C), Insulates, lubricates, seals, preserves and waterproofs. |
| Greasil 400 | 1 x 100ml | High quality, pure silicone grease which is water repellent and non-melting. As an anti-tracking, anti-arcing coating, it will protect electrical systems. |

| Application | Type |
|---|---|
| Safe to use on all plastic and rubber surfaces, the rapid evaporation of Contact Cleaner FG ensures that no residues are left on the treated equipment. | Cleaner / Degreaser |
| Safe to use on all plastic and rubber surfaces, the rapid evaporation of Contact Cleaner FG ensures that no residues are left on the treated equipment. | Cleaner / Degreaser |
| Ambersil 40+ is ideal for use on all mechanical and electrical equipment.<br>As a penetrant, it will quickly free seized nuts, bolts and bearings, whilst the highly effective water displacing properties make 40+ the perfect 'damp-start' solution for ignition systems and other electrical equipment. | Dewatering Lubricant |
| Helps to protect, lubricate and restore:<br>Electrical connectors, Motors, Relays, Communication, Assemblies, Generators, Electronics, Circuit breakers, Controls, Alarm systems, Transformers, Instruments, Starters, Switch gears | Greaseless Lubricant |
| Protecting circuit boards, transformers and other coils,Protecting repaired or reworked jobs, Insulating against humidity and other 'difficult' environments, Improving leakage characteristics of terminal assemblies, Noise reduction in small transformers, Moisture protection, Finishing varnish to stop tracking, Tropicalisation on all types of electrical equipment. | Anti Corrosion / Anti Tracking |
| A highly effective degreasing agent for all hydrocarbon soiling, including oil, grease, tar and bitumen. For use in numerous industries including; where a fast and effective cleaning solvent is required. Efficiently cleans plastics, ferrous and non-ferrous metals, evaporating quickly to leave a clean, dry surface. Also recommended for spot removal in the textiles and associated industries. | Degreaser |
| CCL100 is typically used within the following areas:<br>Automotive, Mechanical engineering, Workshops, Dock yards, Agricultural machinery, General maintenance | Contact Cleaner / Lubricant |
| NF Precision Clean is the first alternative on the market that meets the highest performance characteristics: Chlorinated Hydrocarbon Free, CFC and HCFC Free, Solvent Based, Non-flammable Blend, Fast Evaporation Rate. | Non Flammable Contact Cleaner |
| IPA is a universally recognised electronic cleaning solvent which conforms to BS 1595, ASTM D770 and DIN 53245. | Cleaner / Degreaser |
| Suitable for instant cleaning of inaccessible areas or where the use of solvents is not desirable. Can be used safely and efficiently on: Photocopiers, Fax Machines, Typewriters, Computers, Microscopes, Oscilloscopes, Cameras, Lenses, Watches, Precision Instruments & Laboratory Equipment | Cleaner |
| Plastic components, Screens and monitors, Paper mills, General static discharge | Static Charge Removal |
| Electronics and Telecommunicatios, Transport, Aviation, Mechanical Engineering and Production. | Silicone Grease |
| Food, Automotive, Mechanical engineering, Workshops, Civil engineering, Mining, Iron and steel, Dock yards, Agricultural machinery, Heavy engineering, Offshore | Pure Silicone Grease |






















General Maintenance

| Product Name / Reference | Carton Qty | Features |
|---|---|---|
| Label Remover 1/200<br>Label Remover 12/200 | 1 x 200ml<br>12 x 200ml | LABEL REMOVER is a unique blend of citrus and hydrocarbon oils which quickly releases self-adhesive labels and stickers. It neutralises the adhesive, thereby facilitating clean and easy removal. |
| Cold Gavanise 1/400<br>Cold Gavanise - 12/400 | 1 x 400ml<br>12 x 400ml | Cold Galvanising Spray is a unique combination of zinc powders and resins, formulated to form a high performance zinc-rich coating that actively fights rust and corrosion by its galvanic properties. Ferrous metals are protected by the sacrificial action, even when scratched or damaged. Zinc becomes the anode which is attacked by corrosion and the base metal the cathode. A film of water insoluble zinc oxide is formed, which stops rust and corrosion. |
| Corrosion Inhibitor 1/400<br>Corrosion Inhibitor 12/400 | 1 x 400ml<br>12 x 400ml | Corrosion Inhibitor is a protective coating that provides long lasting protection against rust and corrosion. |
| Penetrating Oil 1/400<br>Penetrating Oil 12/400 | 1 x 400ml<br>12 x 400ml | PENETRATING OIL is a high-grade lubricating agent based on a mixture of oils and penetrants in a blend of solvents. It has been formulated to offer quick and easy removal of seized and rusted components. |
| Copper Anti-seize 1/400<br>Copper Anti-seize - 12/400 | 1 x 400ml<br>12 x 400ml | COPPER PASTE is a high temperature anti-seize lubricant. A soft, copper-coloured paste, based on micronised copper powder and synergistic anti-oxidant, anti-corrosion and anti-wear additives suspended in a premium grade stable oil. It is an effective anti-seize formulation, preventing metal-to-metal contact, seizing, galling, and fretting corrosion. |
| Silicone Lubricant 1/500<br>Silicone Lubricant 12/500 | 1 x 500ml<br>12 x 500ml | SILICONE LUBRICANT is a general purpose, medium duty silicone lubricant, which exhibits excellent anti-stick and slip properties. |
| Bright Cold Galvanise - 400ml<br>Bright Cold Galvanise - 400ml | 1 x 400ml<br>12 x 400ml | A single component, zinc-aluminium coating combining corrosion protection properties with the lustre look of recently galvanized parts. Bright Cold Galvanising Spray is a combination of zinc and aluminium powders, resins and additives, formulated to form a flexible protective film with a bright, glossy appearance. |
| Leak Detector 1/400<br>Leak Detector 12/400 | 1 x 400ml<br>12 x 400ml | LEAK DETECTOR is a unique water based formulation. It has been developed, without the use of harmful solvents, silicones or oils, to allow the safe and easy detection of all gas and air leaks. |
| 5005a Silicone Sealant 1/75 | 1 x 75ml | Ambersil Silicone Adhesive Sealant 5005A is a high modulus, one part acetoxy curing sealant conforming to ISO 11600. In its uncured state, the sealant is a thixotropic paste which can be applied over a wide range of temperatures with no risk of slumping from normal joint widths. The product cures rapidly on exposure to moist air to provide a resilient rubber seal capable of repeated extension and compression during service with excellent resistance to aging, shrinkage, cracking and discolouration. |
| 5-minute Epoxy 1/24 | 1 x 24ml | 5-MINUTE EPOXY is a fast setting epoxy in a handy syringe - ideal for keeping in tool box or drawer. Will mend a wide variety of materials including metal, wood, ceramic, porcelain and glass. |

| Application | Type |
|---|---|
| Ideal for use on many different non-absorbent surfaces, including: Photocopiers, Fax Machines, Computers, Printers, Typewriters , Platens, Rollers, Cabinets, Shelving, Amusement Machines. | Label Remover |
| For general use in all situations where clean and degreased metal surfaces need to be protected against corrosion. Suitable for use as a renovation media for repairs to hot dip galvanising, as specified in BS EN ISO 1461:1999. | Galvanising Spray |
| Corrosion Inhibitor is designed to provide good short to medium term protection of metallic parts and components. Principally designed for indoor use, corrosion inhibitor will also provide a degree of short-term protection to components stored outdoors. | Corrosion Inhibitor |
| Ideal for freeing nuts, bolts, screws, studs, pins, valves, machine parts, pipe couplings and pulleys. Can also be used for cleaning rusted surfaces of moulds, dies and heavy tools and for softening or removing carbon deposits. | Lubricant |
| An effective anti-seize lubricant for bolts, nuts, pins etc. Anti-seize to 110$^{o}$C, Lubricants to 300$^{o}$C. | Lubricant |
| Ideal for use where a clean, colourless lubricant is required. Safe to use on wood, glass, fabrics, metals, most plastics, rubbers and hard surfaces. WRAS approved for use in water industry. | Lubricant |
| Bright, glossy coating for newly galvanised parts. | Anti Corrosion |
| Highlights all leaks even under low pressure and proves invaluable in the gas, plumbing, heating, automotive, offshore, engineering and welding industries. Ideal for QC tests, maintenance and safety checks meets DIN 30657 and BS EN ISO 14291:2004. | Leak Detector |
| Ambersil Silicone Adhesive Sealant 5005A offers good adhesion to various non-porous substrates such as glass, glazed ceramic tiles and Aluminium and is therefore recommended for producing formed-in-place gaskets, draught proofing of windows and doors, on-site and factory-channel glazing of flat or profiled glass, patent glazing, curtain wall sealing and for ceramic and plastic joints in sanitary ware, laboratories and hospitals where ease of cleaning and a high standard of hygiene are essential. | Silicone Sealant |
| Rapid, small scale repairs, Filling small holes and cracks, Repairing worn parts, including shafts, housings, keyways and flanges. | Adhesive |











Cutting Compounds

| Product Name / Reference | Carton Qty | Features |
|---|---|---|
| Tufcut Compound 1/500<br>Tufcut Spray 1/400<br>Tufcut Spray 12/400 | 500g<br>1 x 400ml<br>12 x 400ml | The TUFCUT range is comprised of specialist metal cutting lubricants based on a mixture of extreme pressure additives and anti-oxidants. They have been formulated as instant, ready to use metal machining lubricants with high film-strength and resistance to extreme pressures. |




Wipes

| Product Name / Reference | Carton Qty | Features |
|---|---|---|
| Toughwipes 100's Tub<br><br>Toughwipes 30's Pouch | 100<br><br>30 | Tough wipes are impregnated with an effective cleaning and conditioning solution designed to be gentle on hands but tough on contamination, therefore Ambersil Tough Wipes can assist in the prevention of skin disorders such as occupational dermatitis. Hands are clean and dry in one application, all without the use of water. |




Electrical Maintenance

| Product Name / Reference | Carton Qty | Features |
|---|---|---|
| Lec-Klene 1/400<br>Lec-Klene 12/400<br>Lec-Klene 1/5<br>Lec-Klene 1/25 | 1 x 400ml<br>12 x 400ml<br>1 x 5 ltr<br>1 x 25 ltr | LEC-KLENE is a highly refined, low aromatic solvent cleaner, which meets DEF STAN 68-148 issue 2, for the safe and effective cleaning of Electrical and Aerospace equipment. The high flash point and low aromatic content enable it to be safely used in confined areas where fire or health risks are to be minimised. |

| Application | Type |
|---|---|
| TUFCUT FOAM is a foaming lubricant specifically formulated to enable cutting applications to be performed on vertical surfaces without excessive loss of lubricant from the work piece. Tufcut Foam can also be used where close tolerance machining is to take place as the foam allows a longer contact time, and increased lubricant Cutting Compound | Metal Cutting |



| Application | Type |
|---|---|
| Effective on a wide range of soiling types - grease, oil, petrochemicals, paints, adhesives, tar, bitumen, resins and silicone sealants. Contains bactericide effect against Leptospira (Wells Disease). | Hand Wipes |

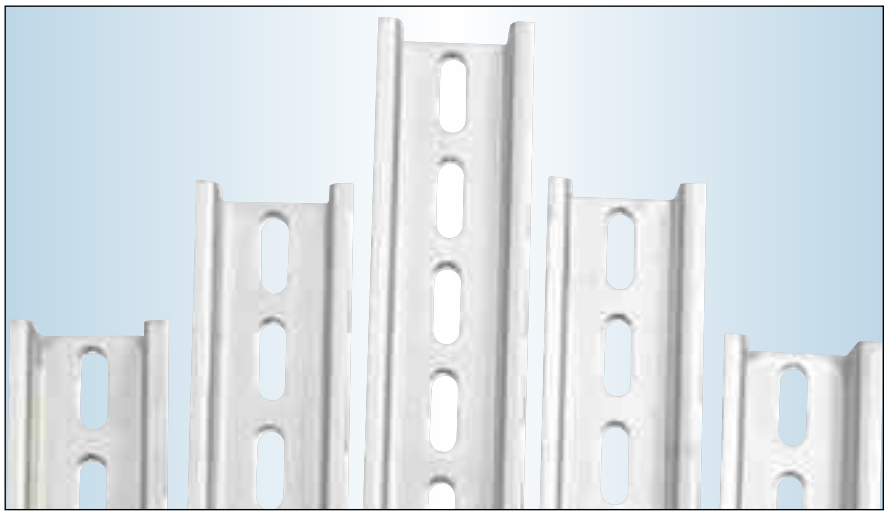


| Application | Type |
|---|---|
| LEC-KLENE is ideal for removing oils, greases, waxes, tar, bitumen, brake block dust, carbon and other general soiling. It has no detrimental effect on painted surfaces, ferrous and non-ferrous metals, composite materials, rubbers and plastics.<br>It totally evaporates to leave surfaces clean and dry, ready for any post cleaning treatments. | Cleaner / Degreaser |



## DIN Rail

A range of Top Hat and G-Type rail, zinc coated, plain or slotted.
Available in 1 or 2 metre length.



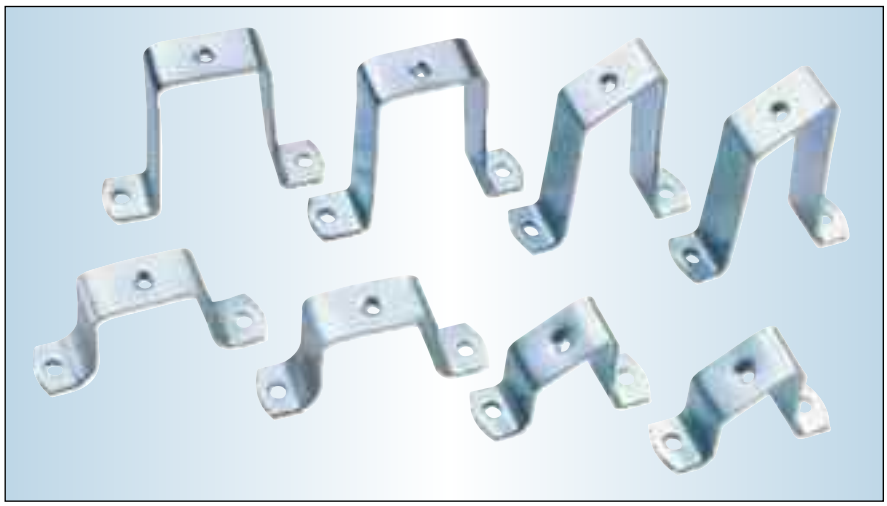
DIN Rail

| Reference | Description | Type | Rail Depth | Rail Width | Rail Length | Pack Quantity |
|---|---|---|---|---|---|---|
| TS15<br>TS15/F | Mini Top Hat | Standard<br>Slotted | 5.5 x 10.5 | 15mm<br>15mm | 2m<br>2m | 20 x 2<br>20 x 2 |
| TS32<br>TS32/F | G Type | Standard<br>Slotted | | 32mm<br>32mm | 2m<br>2m | 20 x 2<br>20 x 2 |
| TS35<br>TS35/F<br>TS35/S | Top Hat | Standard<br>Slotted<br>Standard | 7.5 x 27<br><br>10 x 27 | 35mm<br>35mm<br>35mm | 2m<br>2m<br>2m | 20 x 2<br>20 x 2<br>20 x 2 |
| TS35/C<br>TS35/CF | Deep Top Hat | Standard<br>Slotted | 15 x 27<br>15 x 27 | 35mm<br>35mm | 2m<br>2m | 20 x 2<br>20 x 2 |
| TS15/F.10 | Top Hat | Slotted | 5.5 x 10.5 | 15mm | 1m | 10 x 1 |
| TS32.10<br>TS32/F.10 | G Type<br>G Type | Standard<br>Standard | | 32mm<br>32mm | 1m<br>1m | 10 x 1<br>10 x 1 |
| TS35.10<br>TS35/FP.10 | Top Hat<br>Top Hat | Standard<br>Slotted | 7.5 x 27<br>7.5 x 27 | 35mm<br>35mm | 1m<br>1m | 10 x 1<br>10 x 1 |

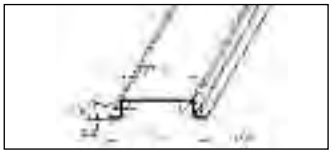
Galvanised and aluminium available on request.

Mounting Brackets

| Reference | Type | Height | Fixing | Pack Quantity |
|---|---|---|---|---|
| BK0425<br>TS-SM6<br>BK0805 | Angled<br>Angled<br>Angled | 42mm<br>48mm<br>82mm | M6<br>M6<br>M6 | 2<br>1<br>2 |
| BK0201<br>BK0441<br>BK0706<br>BK0904 | Straight<br>Straight<br>Straight<br>Straight | 20mm<br>41mm<br>70mm<br>90mm | M6<br>M6<br>M6<br>M6 | 2<br>2<br>2<br>2 |
| CSK6.3 | Screws to Suit | | M6 | 10 |



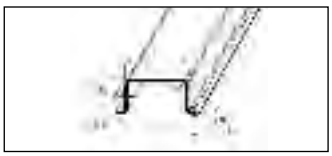
TS 35
Symmetrical ‘Top Hat’ style steel rail.
Standards: DIN 46277 CENELEC EN 50.022
Pack quantity: 40m (or 10 x 1m)
Weight: 0.35 kg/m Also available in galvanised ref TS 35 G



TS 35 F
Slotted version of TS 35.
Standards: DIN 46277 CENELEC EN 50.022
Pack quantity: 40m (or 10 x 1m)
Weight: 0.30 kg/m



TS 35 C
15mm deep version of TS 35.
Standards: CENELEC EN 50.022
Pack quantity: 40m
Weight: 0.67 kg/m



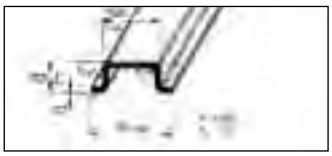
TS 35 CF
Slotted version of TS 35 C.
Standards: CENELEC EN 50.022
Pack quantity: 40m
Weight: 0.615 kg/m



TS 35 S
10mm deep version of Type TS 35.
Standards: DIN 46277 CENELEC EN 50.022
Pack quantity: 40m
Weight: 0.39 kg/m



TS 15
Plain symmetrical rail for terminal block mounting.
Standards: DIN 46277
Pack quantity: 40m
Weight: 0.165 kg/m



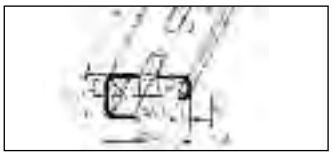
TS 15 F
Slotted version of TS 15.
Standards: DIN 46277
Pack quantity: 40m
Weight: 0.14 kg/m



TS 32
Plain assymetric steel rail punched for drilling.
Standards: DIN 46277 CENELEC EN 50.035
Pack quantity: 40m (or 10 x 1m)
Weight: 0.73 kg/m Also available in galvanised ref TS 32 G



TS 32 F
Slotted version of TS 32.
Standards: DIN 46277 CENELEC EN 50.035
Pack quantity: 40m (or 10 x 1m)
Weight: 0.69 kg/m



Gland Selection Chart For PVC SWA PVC Cables

| Cable Cond. Size | | Number of Cores | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Area mm² | Neutral | 1 | 2 | 3 | 3½ | 4 | 5 | 7 | 10 | 12 | 19 | 27 | 37 | 48 |
| 1.5 | - | - | 20S | 20S | - | 20S | 20S | 20S | 20 | 20 | 25 | 25 | 32 | 32 |
| 2.5 | - | - | 20S | 20S | - | 20S | 20S | 20 | 25 | 25 | 25 | 32 | 32 | 40 |
| 4 | - | - | 20S | 20S | - | 20 | 20 | 25 | 25 | 25 | 32 | 40 | 40 | 50 |
| 6 | - | - | 20S | 20 | - | 20 | | | | | | | | |
| 10 | - | - | 25 | 25 | - | 25 | | | | | | | | |
| 16 | - | - | 25 | 25 | - | 25 | | | | | | | | |
| 25 | 16 | - | 25 | 25 | 32 | 32 | | | | | | | | |
| 35 | 16 | - | 25 | 32 | 32 | 32 | | | | | | | | |
| 50 | 25 | 25 | 32 | 32 | 32 | 40 | | | | | | | | |
| 70 | 35 | 25 | 32 | 40 | 40 | 40 | | | | | | | | |
| 95 | 50 | 25 | 40 | 40 | 50 | 50 | | | | | | | | |
| 120 | 70 | 25 | 40 | 50 | 50 | 50 | | | | | | | | |
| 150 | 70 | 32 | 40 | 50 | 50 | 50 | | | | | | | | |
| 185 | 95 | 32 | 50 | 50 | 63 | 63 | | | | | | | | |
| 240 | 120 | 40 | 50 | 63 | 63 | 63 | | | | | | | | |
| 300 | 150 | 40 | 63 | 63 | 75 | 75 | | | | | | | | |
| 300 | 185 | - | - | - | 75 | - | | | | | | | | |
| 400 | 185 | 50 | 63 | 75 | 75 | 75 | | | | | | | | |
| 500 | - | 50 | | | | | | | | | | | | |
| 630 | - | 50 | | | | | | | | | | | | |
| 800 | - | 63 | | | | | | | | | | | | |
| 1000 | - | 63 | | | | | | | | | | | | |

Glands manufactured as per
**BS 6121 PT1: 1989**
For use with PVC SWA PVC 600/1000V Cables

This selection chart is given for guidance only. Actual cable dimension must be considered before making final selection.

**GLAND KIT**

## Type BW Indoor Gland



- For use with all types of SWA cables to BS6346
- For use indoors in dry locations
- Simple two part design with low resistance armour locking and no sealing

Type BW Indoor Gland

| Reference | Description | Quantity |
|---|---|---|
| BW20S | 20mm Small | 2 |
| BW20 | 20mm Standard | 2 |
| BW25 | 25mm Standard | 2 |
| BW32 | 32mm Standard | 2 |
| BW40 | 40mm Standard | 1 |
| BW50 | 50mm Standard | 1 |
| BW63 | 63mm Standard | 1 |
| BW75 | 75mm Standard | 1 |

## Type CW Industrial Gland



- For use with all types of SWA cables to BS6346
- For use indoors and outdoors whenever it is required to provide a sealing on the cable outer sheath
- CW glands are weatherproof and can be used in corrosive conditions when protected with a shroud
- Positive armour locking, effective earth continuity, increased mechanical strength

Type CW Industrial Gland

| Reference | Description | Quantity |
|---|---|---|
| CW20S | 20mm Small | 2 |
| CW20 | 20mm Standard | 2 |
| CW25 | 25mm Standard | 2 |
| CW32 | 32mm Standard | 2 |
| CW40 | 40mm Standard | 1 |
| CW50 | 50mm Standard | 1 |
| CW63 | 63mm Standard | 1 |
| CW75 | 75mm Standard | 1 |

## Type BW Indoor Gland – LSF



- BW LSF Gland for us on LSF cables and hazardous area applications.
- For use with all types of BW cables
- For use in indoors in dry locations
- Simple two part design with low resistance armour locking and no sealing
- BW Gland LSF compliant as per BS 6724: 1990

| Type BW Indoor Gland LSF | | |
|---|---|---|
| Reference | Description | Qty |
| LSFBW20S | 20mm Small LSF | 2 |
| LSFBW20 | 20mm Standard LSF | 2 |
| LSFBW25 | 25mm Standard LSF | 2 |
| LSFBW32 | 32mm Standard LSF | 2 |
| LSFBW40 | 40mm Standard LSF | 1 |
| LSFBW50 | 50mm Standard LSF | 1 |
| LSFBW63 | 63mm Standard LSF | 1 |
| LSFBW75 | 75mm Standard LSF | 1 |

## Type CW Industrial Gland – LSF



- For use with all type of SWA cables
- For use indoors and outdoors whenever it is required to provide a sealing on the cable outer sheath
- CW glands are weatherproof and can be used in corrosive conditions when protected with a shroud
- Positive armour locking, effective earth continuity, increased mechanical strength
- CW Gland LSF compliant as per BS 6724: 1990

| Type CW Industrial Gland LSF | | |
|---|---|---|
| Reference | Description | Qty |
| LSFCW20S | 20mm Small LSF | 2 |
| LSFCW20 | 20mm Standard LSF | 2 |
| LSFCW25 | 25mm Standard LSF | 2 |
| LSFCW32 | 32mm Standard LSF | 2 |
| LSFCW40 | 40mm Standard LSF | 1 |
| LSFCW50 | 50mm Standard LSF | 1 |
| LSFCW63 | 63mm Standard LSF | 1 |
| LSFCW75 | 75mm Standard LSF | 1 |

## Type BWR Three Part Gland



- For use with all types of SWA cables to BS6346
- For use indoors in dry locations
- Positive armour locking, effective earth continuity, increased mechanical strength

Type BWR Three Part Gland

| Reference | Description | Quantity |
|---|---|---|
| BWR20S | 20mm Small | 2 |
| BWR20 | 20mm Standard | 2 |
| BWR25 | 25mm Standard | 2 |
| BWR32 | 32mm Standard | 2 |
| BWR40 | 40mm Standard | 1 |
| BWR50 | 50mm Standard | 1 |
| BWR63 | 63mm Standard | 1 |
| BWR75 | 75mm Standard | 1 |

## Type E1W Industrial Gland



- For use with all types of SWA cables to BS6346
- Application indoor and outdoor whenever it is required to provide sealing on cable outer sheath as well as inner sheath
- E1W glands are weatherproof and can be used in corrosive conditions when protected with a shroud

Type E1W Industrial Gland

| Reference | Description | Quantity |
|---|---|---|
| E1W20S | 20mm Small | 2 |
| E1W20 | 20mm Standard | 2 |
| E1W25 | 25mm Standard | 2 |
| E1W32 | 32mm Standard | 2 |
| E1W40 | 40mm Standard | 1 |
| E1W50 | 50mm Standard | 1 |
| E1W63 | 63mm Standard | 1 |
| E1W75 | 75mm Standard | 1 |

## Type LXT Light Duty Industrial Gland



- For use with flexible wire braided cable e.g. SY/CY cable

Type LXT Industrial Gland

| Ref | Description | Quantity |
|---|---|---|
| LXT20S | 20mm Small | 2 |
| LXT20 | 20mm Standard | 2 |
| LXT25 | 25mm Standard | 2 |
| LXT32 | 32mm Standard | 2 |
| LXT40 | 40mm Standard | 1 |
| LXT50 | 50mm Standard | 1 |

## Plaster Board Fixing - Self Tapping



Plasterboard Screws

- Self drilling anchor for plasterboard
- Anchors complete with screws
- Zinc alloy

| Twister Plaster Board Fixing - Self Tapping | | |
|---|---|---|
| Reference | Material | Pack Qty |
| 43000350/V63225 | Zinc Alloy | 100 |




*its all in the bag...*

## Residual Current Devices (RCD's)

The HellermannTyton range of residual current devices provides protection against potentially dangerous fault currents.

- Available in 2 pole, 2 module and 4 pole, 4 module versions
- High reliability and resistance to vibration
- Terminals protected against accidental contact
- Captive terminal screws
- Protected against nuisance tripping
- Conform to standards:
  NF/USE - SEMKO - VDE - CEBEC - NF EN 61 008
- Current ratings available 16, 25, 40, 63 and 80A
- Snap fitting to standard DIN rail for use in consumer units etc.

| Tripping Current | Protection |
|---|---|
| 10mA | Very high protection to personnel and against fire |
| 30mA | High degree of protection to personnel and against fire |
| 100mA | High degree of fire protection and limited degree of protection to personnel |
| 300mA | High degree of fire protection only |

## 2 Pole

| Specification | |
|---|---|
| Rated Voltage | 230V |
| Wiring Capacity | 25mm² stranded, 35mm² solid |
| Colour | Grey |



| 2 Pole RCD | | | |
|---|---|---|---|
| Reference | Current Rating A | Tripping Current mA | Pack Qty |
| K0201 | 16 | 10 | 1 |
| K0202 | 25 | 30 | 1 |
| K0203 | 25 | 100 | 1 |
| K0204 | 25 | 300 | 1 |
| K0206 | 40 | 30 | 1 |
| K0207 | 40 | 100 | 1 |
| K0208 | 40 | 300 | 1 |
| K0310 | 63 | 30 | 1 |
| K0311 | 63 | 100 | 1 |
| K0312 | 63 | 300 | 1 |
| K0324 | 80 | 30 | 1 |
| K0325 | 80 | 100 | 1 |
| K0326 | 80 | 300 | 1 |
| K0404 | 100 | 30 | 1 |

## 4 Pole

| Specification | |
|---|---|
| Rated Voltage | 400V |
| Wiring Capacity | 25mm² stranded, 35mm² solid |
| Colour | Grey |



| 4 Pole RCD | | | |
|---|---|---|---|
| Reference | Current Rating A | Tripping Current mA | Pack Qty |
| K0314 | 25 | 30 | 1 |
| K0315 | 25 | 100 | 1 |
| K0316 | 25 | 300 | 1 |
| K0317 | 40 | 30 | 1 |
| K0318 | 40 | 100 | 1 |
| K0319 | 40 | 300 | 1 |
| K0320 | 63 | 30 | 1 |
| K0321 | 63 | 100 | 1 |
| K0322 | 63 | 300 | 1 |
| K0401 | 80 | 30 | 1 |
| K0402 | 80 | 100 | 1 |
| K0403 | 80 | 300 | 1 |
| K0405 | 100 | 30 | 1 |

RCD enclosures see page 139-145.

CABLE INSTALLATION

Solutions



*its all in the bag...*