



WWW.CABLEJOINTS.CO.UK
THORNE & DERRICK UK
TEL 0044 191 490 1547 FAX 0044 477 5371
TEL 0044 117 977 4647 FAX 0044 977 5582
WWW.THORNEANDDERRICK.CO.UK

Cable Connectors & Tooling

Section

Prysmian Components offers a wealth of experience and expertise in the design and manufacture of power cable connectors and tooling. The range includes pre-insulated connectors plus low and medium voltage connectors for both copper and aluminium.

A range of tooling ensures precisely matched and accurate installations, which compliment the compression termination 'system'. The tooling range consists of:

- Cable preparation tools
- Stripping tools
- Cutting tools
- Hand non-ratchet crimping tools
- Hand ratchet crimping tools
- Hand Hydraulic compression tooling
- Remote Hydraulic compression tooling

The range of connectors has been designed, manufactured and tested to conform to the stringent performance requirements of BS4579. Thorough testing on our extensive technical laboratory at Prescot, ensures that you receive the best connector for your application every time.



COMPRESSION CONNECTORS

Easy Entry - Pre-insulated connectors 0.5 - 1.5mm² Red

The most comprehensive of small terminal ranges comprising of a variety of styles. The PVC terminal sleeve is tapered internally to allow ease of insertion of conductors and is rated at 80°C operating temperature. Disconnectable terminals such as 'bullets' and 'push-ons' incorporate an insulation grip in the entry portion on the connector to protect the cable against damage when making disconnections.

COMPRESSION CONNECTORS - RINGS (RED)

Cable Size mm ²	Stud Size mm ²	Ref. No.
0.5 - 1.5	3.0	BER3PAK
0.5 - 1.5	3.5	BER35PAK
0.5 - 1.5	4.0	BER4PAK
0.5 - 1.5	5.0	BER5PAK
0.5 - 1.5	6.0	BER6PAK
0.5 - 1.5	8.0	BER8PAK
0.5 - 1.5	10.0	BER10PAK



COMPRESSION CONNECTORS - FORKS (RED)

Cable Size mm ²	Stud Size mm ²	Ref. No.
0.5 - 1.5	3.0	BER3FPAK
0.5 - 1.5	3.5	BER35FPAK
0.5 - 1.5	4.0	BER4FPAK
0.5 - 1.5	4.0	BER4FSPAK
0.5 - 1.5	5.0	BER5FPAK
0.5 - 1.5	6.0	BER6FPAK
0.5 - 1.5	3.5	BER35FGPAK



COMPRESSION CONNECTORS - PIN (RED)

Cable Size mm ²	Blade Length	Ref. No.
0.5 - 1.5	12.0	BER10PPAK



COMPRESSION CONNECTORS - BLADES (RED)

Cable Size mm ²	Blade Length	Ref. No.
0.5 - 1.5	9.0	BER10BPAK
0.5 - 1.5	14.6	BER13BPAK
0.5 - 1.5	16.0	BER13BNPAK
0.5 - 1.5	18.5	BER17BPAK



COMPRESSION CONNECTORS - HOOKS (RED)

Cable Size mm ²	Blade Length	Ref. No.
0.5 - 1.5	17.0	BER17HPAK



COMPRESSION CONNECTORS - BUTT SPLICES (RED)

Cable Size mm ²	Ref. No.
0.5 - 1.5	BERSPAK



COMPRESSION CONNECTORS - PUSH-ONS (RED)

Cable Size mm ²	For Tab Size	Ref. No.
0.75 - 1.5	2.8 x 0.5	BDR285FPAK
0.75 - 1.5	2.8 x 0.8	BDR288FPAK
0.75 - 1.5	4.8 x 0.5	BDR485FPAK
0.75 - 1.5	4.8 x 0.8	BDR488FPAK
0.75 - 1.5	6.3 x 0.8	BDR63FPAK
0.75 - 1.5	6.3 x 0.8	BDR63FEPAK
0.75 - 1.5	6.3 x 0.8	BDR63MPAK
0.75 - 1.5	6.3 x 0.8	BDR63FMPAK



COMPRESSION CONNECTORS - MALE BULLET (RED)

Cable Size mm ²	Bullet Size mm	Ref. No.
0.75 - 1.5	4.0	BDR4BMPAK



COMPRESSION CONNECTORS - FEMALE BULLET (RED)

Cable Size mm ²	Bullet Size mm	Ref. No.
0.75 - 1.5	4.0	BDR4BFPAK



Note: Suffix 'PAK' denotes bags of 100.

COMPRESSION CONNECTORS

Easy Entry - Pre-insulated connectors 1.0 - 2.5mm² Blue

COMPRESSION CONNECTORS - RINGS (BLUE)

Cable Size mm ²	Bullet Size mm	Ref. No.
1.0 - 2.5	3.0	BEB3PAK
1.0 - 2.5	3.5	BEB35PAK
1.0 - 2.5	4.0	BEB4PAK
1.0 - 2.5	5.0	BEB5PAK
1.0 - 2.5	6.0	BEB6PAK
1.0 - 2.5	8.0	BEB8PAK
1.0 - 2.5	10.0	BEB10PAK
1.0 - 2.5	12.0	BEB12PAK



COMPRESSION CONNECTORS - FORK (BLUE)

Bullet Size mm ²	Ref. No.
3.0	BEB3FPAK
3.5	BEB35FPAK
4.0	BEB4FPAK
4.0	BEB4FNPAK
4.0	BEB4FSPAK
5.0	BEB5FPAK
3.5	BEB35FGPAK
3.0	BEB3FFPAK
4.0	BEB4FFPAK



COMPRESSION CONNECTORS - PIN (BLUE)

Cable Size mm ²	Blade Length mm	Ref. No.
1.0 - 2.5	12.0	BEB10PPAK



COMPRESSION CONNECTORS - BLADES (BLUE)

Cable Diameter mm	Blade Length mm	Ref. No.
1.0 - 2.5	9.0	BEB10BPAK
1.0 - 2.5	10.5	BEB10BNPAK
1.0 - 2.5	13.0	BEB13BPAK
1.0 - 2.5	18.5	BEB17BPAK



COMPRESSION CONNECTORS - HOOKS (BLUE)

Cable Size mm ²	Blade Length mm ²	Ref. No.
1.0 - 2.5	17.0	BEB17HPAK



COMPRESSION CONNECTORS - BUTT SPLICES (BLUE)

Cable Size mm ²	Ref. No.
1.0 - 2.5	BEBSPAK



COMPRESSION CONNECTORS - PUSH-ONS (BLUE)

Cable Size mm ²	For Tab Size	Ref. No.
1.5 - 2.5	4.8 x 0.5	BDB485FPAK
1.5 - 2.5	4.8 x 0.8	BDB488FPAK
1.5 - 2.5	6.3 x 0.8	BDB63FPAK
1.5 - 2.5	6.3 x 0.8	BDB63FEPAK
1.5 - 2.5	8.5 x 0.8	BDB85FPAK
1.5 - 2.5	6.3 x 0.8	BDB63MPAK
1.5 - 2.5	6.3 x 0.8	BDB63FMPAK



COMPRESSION CONNECTORS - MALE BULLET (BLUE)

Cable Size mm ²	Bullet Size mm	Ref. No.
1.5 - 2.5	4.0	BDB4BMPAK
1.5 - 2.5	5.0	BDB5BMPAK



COMPRESSION CONNECTORS - FEMALE BULLET (BLUE)

Cable Size mm ²	Bullet Size mm	Ref. No.
1.5 - 2.5	4.0	BDB4BFPAK
1.5 - 2.5	5.0	BDB5BFPAK



Note: Suffix 'PAK' denotes bags of 100.

BD CON COMPRESSION CONNECTORS

Easy Entry - Pre-insulated connectors 4.0 - 6.0mm² Yellow

COMPRESSION CONNECTORS - RINGS (YELLOW)

Cable Size mm ²	Stud Size mm	Ref. No.
4.0 - 6.0	3.0	BEY3PAK
4.0 - 6.0	4.0	BEY4PAK
4.0 - 6.0	5.0	BEY5PAK
4.0 - 6.0	6.0	BEY6PAK
4.0 - 6.0	8.0	BEY8PAK
4.0 - 6.0	10.0	BEY10PAK
4.0 - 6.0	12.0	BEY12PAK



COMPRESSION CONNECTORS - BUTT SPLICES (YELLOW)

Cable Size mm ²	Ref. No.
4.0 - 6.0	BEYSPAK



COMPRESSION CONNECTORS - FORK (YELLOW)

Cable Size mm ²	Bullet Size mm	Ref. No.
4.0 - 6.0	4.0	BEY4FPAK
4.0 - 6.0	5.0	BEY5FPAK
4.0 - 6.0	6.0	BEY6FPAK



COMPRESSION CONNECTORS - PUSH - ONS (YELLOW)

Cable Size mm ²	For Tab Size	Ref. No.
4.0 - 6.0	6.3 x 0.8	BDY63FPAK
4.0 - 6.0	6.3 x 0.8	BDY63FEPAK
4.0 - 6.0	9.5 x 1.2	BDY95FPAK



COMPRESSION CONNECTORS - PIN (YELLOW)

Cable Size mm ²	Blade Length mm	Ref. No.
4.0 - 6.0	14.0	BEY10PPAK



COMPRESSION CONNECTORS - BLADES (YELLOW)

Cable Size mm ²	Blade Length mm	Ref. No.
4.0 - 6.0	10.0	BEY10BPAK



COMPRESSION CONNECTORS - END CONNECTOR

Cable Size mm ²	Stud Size mm ²	Ref. No.
1.5 - 2.5	3.0	BEYCEPAK



Note: Suffix 'PAK' denotes bags of 100.

BT CON TUBE TERMINALS FOR COPPER CONDUCTORS 1 - 1000mm²

A range of terminals for both stranded or flexible annealed copper conductors. Manufactured from high conductivity copper and tin plated, these terminals incorporate a sight hole for visual inspection of conductor insertion. A variety of single stud hole sizes are available and can be compressed with either an indent or hexagonal compression system. (Please refer to technical catalogue for die set recommendations)

TUBE TERMINALS FOR COPPER CONDUCTORS

Stranded Cu cable size mm ²	Stud Size mm	Ref. No.
0.75 - 1.5	3.5	BT1C35
0.75 - 1.5	4.0	BT1C4
0.75 - 1.5	5.0	BT1C5
1.5 - 2.5	3.5	BT2C35
1.5 - 2.5	4.0	BT2C4
1.5 - 2.5	5.0	BT2C5
1.5 - 2.5	6.0	BT2C6
1.5 - 2.5	8.0	BT2C8
4.0 - 6.0	3.5/4	BT6C354
4.0 - 6.0	5.0	BT6C5
4.0 - 6.0	6.0	BT6C6
4.0 - 6.0	8.0	BT6C8
4.0 - 6.0	10.0	BT6C10
10	5.0	BT10C5
10	6.0	BT10C6
10	8.0	BT10C8
10	10.0	BT10C10
10	12.0	BT10C12
16	5.0	BT16C5
16	6.0	BT16C6
16	8.0	BT16C8
16	10.0	BT16C10
16	12.0	BT16C12
25	5.0	BT25C5
25	6.0	BT25C6
25	8.0	BT25C8
25	10.0	BT25C10
25	12.0	BT25C12
35	6.0	BT35C6
35	8.0	BT35C8
35	10.0	BT35C10
35	12.0	BT35C12
50	6.0	BT50C6
50	8.0	BT50C8
50	10.0	BT50C10
50	12.0	BT50C12



Stranded Cu cable size mm ²	Stud Size mm	Ref. No.
70	6.0	BT70C6
70	8.0	BT70C8
70	10.0	BT70C10
70	12.5	BT70C12
70	16.0	BT70C16
95	8.0	BT95C8
95	10.0	BT95C10
95	12.0	BT95C12
120	10.0	BT120C10
120	12.0	BT120C12
120	16.0	BT120C16
150	10.0	BT150C10
150	12.0	BT150C12
150	16.0	BT150C16
150	-	BT150CU
185	10.0	BT185C10
185	12.0	BT185C12
185	6.0	BT185C16
185	20.0	BT185C20
185	-	BT185CU
240	10.0	BT240C10
240	12.0	BT240C12
240	16.0	BT240C16
240	20.0	BT240C20
240	-	BT240CU
300	12.0	BT300C12
300	16.0	BT300C16
300	20.0	BT300C20
300	-	BT300CU
400	16.0	BT400C16
400	20.0	BT400C20
400	-	BT400CU
500	16.0	BT500C16
500	-	BT500CU
630	16.0	BT630C16
630	20.0	BT630C20
630	-	BT630CU
800	20.0	BT800C20
800	-	BT800CU



BT CON SPLICE CONNECTORS FOR COPPER CONDUCTORS 1 - 1000mm²

SPLICE CONNECTORS

High conductivity copper, tin plated, end-to-end splices incorporate a conductor stop to ensure that the cores are equally inserted. Sizes up to 6mm are supplied in bags of 100 and have suffix 'PAK'.

Stranded Cu cable size mm ²	Ref. No.
1.5	BT1CSPAK
2.5	BT2CSPAK
6	BT6CSPAK
10	BT10CS
16	BT16CS
25	BT25CS
35	BT35CS
50	BT50CS
70	BT70CS
95	BT95CS
120	BT120CS
150	BT150CS
185	BT185CS
240	BT240CS
300	BT300CS
400	BT400CS
500	BT500CS
630	BT630CS
800	BT800CS



BT CON 2 AND 4 BOLT TERMINALS FOR COPPER CONDUCTORS

2 BOLT TERMINALS

These terminals feature an extended palm to accommodate two bolt holes. They are also offered with blank palms for drilling on site (type 'CU').

Stranded Cu cable size mm	Stud Size mm	Hole Centres mm	Ref. No.
95	2 x 8	20.6	BT95C8B2
120	2 x 8	25.4	BT120C8B2
150	2 x 12	38.1 - 44.5	BT150C12B2
185	2 x 12	38.1 - 44.5	BT185C12B2
240	2 x 12	38.1 - 44.5	BT240C12B2
240	2 x blank		BT240CUB2
300	2 x 12	38.1 - 44.5	BT300C12B2
800	2 x 12	38.1 - 44.5	BT800C12B2



4 BOLT TERMINALS

These terminals are manufactured from seamless copper tube and will withstand the most arduous service conditions. Manufactured from high conductivity copper and tin plated, they are designed to fit the most common transformer arrangements.



Stranded Cu cable size mm	Stud Size mm	Hole Centres mm	Ref. No.
300	8	25 x 35	BT300C8B4
400	8	25 x 35	BT400C8B4
500	8	25 x 35	BT500C8B4
630	8	25 x 35	BT630C8B4
800	8	25 x 35	BT800C8B4
1000	8	25 x 35	BT1000C8B4

BT CON CEETAP CONNECTORS

CEETAP CONNECTORS (6 - 240mm)

CEETAP connectors offer a versatile means of tapping onto annealed stranded or flexible copper conductors including copper busbar and earthing systems. The CEETAP is manufactured from heavy wall copper extrusion and provides excellent continuity and reliability.



Main Conductor mm ²	Tap Conductor mm ²	Ref. No.
6	6	TC2C
10	2.5 to 6	
10	10	TC3C
16	2.5 to 10	
16	16	TC4C
25	4 to 10	
25	16	TC5C
35	4	
25	25	TC6C
35	6 to 25	
35	35	TC7C
50	16 to 25	TC8C
50	35 to 50	TC9C
70	16	
70 to 95	16 to 35	TC10C
70 to 95	50 to 70	TC11C
95	95	TC12C
120	35 to 70	TC13C
120	95 to 120	TC14C
150	35 to 150	
185 to 240	50 to 95	TC16C
185 to 240	120 to 240	TC17C

MV STRAIGHT SPLICES

These splices are designed to meet the requirements of MV underground joint specifiers worldwide. The through barrel incorporates tapered ends and a central sight hole.

Stranded Copper Cable Size mm ²	Ref. No.
25	BTH25CS
35	BTH35CS
50	BTH50CS
70	BTH70CS
95	BTH95CS
120	BTH120CS
150	BTH150CS
185	BTH185CS
240	BTH240CS
300	BTH300CS
400	BTH400CS
500	BTH500CS
630	BTH630CS



MV STRAIGHT SPLICES - WATER BLOCKED

These splices incorporate a solid central waterblock to provide a moisture seal when jointing MIND paper insulated to polymeric cables.

Stranded Copper Cable Size mm ²	Ref. No.
50	BTHW50CS
70	BTHW70CS
95	BTHW95CS
120	BTHW120CS
150	BTHW150CS
185	BTHW185CS
240	BTHW240CS
300	BTHW300CS
400	BTHW400CS
500	BTHW500CS
630	BTHW630CS



MV REDUCER SPLICES - WATER BLOCKED

These MV splices allow copper conductors of differing cross sectional areas to be joined in a neat waterblocked design.

Stranded Copper Cable Size mm ²	Ref. No.
120/95	BTHW12095CS
185/95	BTHW18595CS
185/120	BTHW185120CS
185/150	BTHW185150CS
240/150	BTHW240150CS
240/185	BTHW240185CS
300/185	BTHW300185CS
300/240	BTHW300240CS
400/240	BTHW400240CS
400/300	BTHW400300CS
500/240	BTHW500240CS
500/300	BTHW500300CS
500/400	BTHW500400CS
630/400	BTHW630400CS



MV WATERBLOCKED TERMINALS - SINGLE HOLE

These MV connectors are manufactured from thick wall copper tube and contain a waterblock seal, made from polyurethane resin at the base of the compression barrel. Knurl markings on the barrel indicate positions for crimping. The extended barrel and smooth compressions are particularly suitable for the application of the protective sleeving.

Stranded Copper Cable Size mm ²	Stud Size mm	Ref. No.
16	10	BTHW16C10
25	10	BTHW25C10
25	12	BTHW25C12
35	10	BTHW35C10
35	12	BTHW35C12
50	10	BTHW50C10
50	12	BTHW50C12
70	10	BTHW70C10
70	12	BTHW70C12
95	10	BTHW95C10
95	12	BTHW95C12
95	16	BTHW95C16
120	12	BTHW120C12
120	16	BTHW120C16
150	12	BTHW150C12
150	16	BTHW150C16
185	12	BTHW185C12
185	16	BTHW185C16
240	12	BTHW240C12
240	16	BTHW240C16
240	20	BTHW240C20
300	12	BTHW300C12
300	16	BTHW300C16
300	20	BTHW300C20
400	12	BTHW400C12
400	16	BTHW400C16
400	20	BTHW400C20
500	12	BTHW500C12
500	16	BTHW500C16
500	20	BTHW500C20
630	16	BTHW630C16
630	20	BTHW630C20



MV WATERBLOCKED TERMINALS - DOUBLE HOLE

Features of these connectors are as the single hole but incorporate an extended palm to accommodate two bolt fixings.



Stranded Cu cable size mm ²	Stud Size mm	Hole Centres mm	Ref. No.
70	12x2	38 - 44.5	BTHW70C12D
95	12x2	38 - 44.5	BTHW95C12D
120	12x2	38 - 44.5	BTHW120C12D
150	12x2	38 - 44.5	BTHW150C12D
185	12x2	38 - 44.5	BTHW185C12D
240	12x2	38 - 44.5	BTHW240C12D
300	16x2	38	BTHW300C16D
400	16x2	38	BTHW400C16D
500	16x2	38	BTHW500C16D
630	16x2	38	BTW630C16B2

BI CON ALUMINIUM CONNECTORS FOR LV APPLICATIONS

CONNECTORS FOR SINGLE CORE CIRCULAR SAC CABLELUG (SINGLE HOLE PALM LUG)

Conductor Size mm ²	Stud Size mm	Ref. No.
35	10	BAS35A-10
35	12	BAS35A-12
95, 120	12	BAS95A-12
150	12	BAS150A1-12
185	16	BAS185A-16
300	16	BAS300A-16

CONNECTORS FOR TWO CORE SECTOR SAC CABLELUG (SINGLE HOLE PALM LUG)

Conductor Size mm ²	Stud Size mm	Ref. No.
16	8	BA16A2-8
25	8	BA25A2-8
25	10	BA25A2-10
35	8	BA35A2-8
35	10	BA35A2-10
50	8	BA50A2-8
50	10	BA50A2-10
70	8	BA70A2-8
70	10	BA70A2-10
95	10	BA95A2-10



CONNECTORS FOR THREE CORE SECTOR SAC CABLELUG (SINGLE HOLE PALM LUG)

Conductor Size mm ²	Stud Size mm	Ref. No.
70	12	BA70A3-12B
95	10	BA95A3-10
150	12	BA150A3-12



CONNECTORS FOR FOUR CORE SECTOR SAC CABLELUG (SINGLE HOLE PALM LUG)

Conductor Size mm ²	Stud Size mm	Ref. No.
70	10	BA70A4-10
150	12	BA150A4-12
185	12	BA185A4-12
240	16	BA240A4-16
300	12	BA300A4-12
300	16	BA300A4-16

CONNECTORS FOR STRANDED ALUMINIUM HEXAGONAL COMPRESSION (LV & MV) CABLELUG (SINGLE HOLE PALM)

Conductor Size mm ²	Stud Size mm	Ref. No.
150	12	BAS150A-12
150	16	BAS150A-16
500	16	BAS500A-16

CONNECTORS FOR STRANDED ALUMINIUM DEEP INDENT COMPRESSION (LV & MV) CABLELUG (SINGLE HOLE PALM)

Conductor Size mm ²	Stud Size mm	Ref. No.
120	12	BAP120A-12
150	16	BAP150A-16
185	16	BAP185A-16
240	12	BAP240A-12

CONNECTORS FOR STRANDED ALUMINIUM DEEP INDENT COMPRESSION (LV & MV) CABLELUG (TWO HOLE PALM)

Conductor Size mm ²	Stud Size mm	Ref. No.
185	12	BAP185A12BM
240	12	BAP240A12BM

INSTALLATION TOOLING AND ACCESSORIES - HANDTOOLS (NON RATCHET)

With all compression systems, the safety and quality of a connection is dependent on the use of the correct installation tooling. Optimum performance and maximum reliability can only be achieved consistently if the connector is installed by tooling recommended by Prysmian Components. There are a wide range of tools to choose from, all designed to produce compression joints which meet tensile, resistance and heat cycle requirements.

BM120U HANDTOOL

Non-ratchet single stroke tool which incorporates a single adjustable indent die. The tool has a built in setting plate.

Capacity mm ²	Description	Ref. No.
10 - 120	Uninsulated	BM120U



BMR6GP3 HANDTOOL

General purpose low cost ratchet handtool with three colour coded crimp positions. For use with pre-insulated connectors.

Capacity mm ²	Description	Ref. No.
0.5 - 6.0	Pre-insulated	BMR6GP3



BMR6P3 HANDTOOL

'Comfort handles' ratchet type handtool for frequent use. Low hand load required for operation reduces risk of repetitive strain injury. Compression jaws consist of three colour coded crimp positions for use with pre-insulated connectors.

Capacity mm ²	Description	Ref. No.
0.5 - 6.0	Pre-insulated	BMR6P3



BMR16U3 HANDTOOL

Ratchet type handtool with three crimp positions for use with uninsulated connectors.

Capacity mm ²	Description	Ref. No.
4.0 - 16.0	Uninsulated	BMR16U3



G10TS HYDRAULIC HANDTOOL (Range 10 - 400mm²)

This two-stage hydraulic tool delivers a compressive force of 11.5 tonnes with a quick ram advance. It incorporates a preset audible overload valve to ensure crimp reliability and will accept a wide range of interchangeable die sets. The body and handles of the tool are fully insulated and is supplied complete with vinyl carrying bag and steel die box.

Description	Ref. No.
Handtool (two stage)	G10TS



FP10 HYDRAULIC FOOTPUMP

This two-stage footpump can be used to operate any of the Prysmian Components' heads with an operating pressure of 700 Bar (10,000psi). The two stage design enables the dies to close quickly onto the connector before the high pressure crimping stage automatically commences. An audible overload valve operates at the end of the crimping cycle when the correct pressure has been reached. The FP10 can be supplied on its own or in various kit forms as follows:



Description	Ref. No.
Footpump, Case	FP10
Footpump, Hose & Case	FP10-2
Footpump, Hose & Case & G10 Head	FP10-4

G10 COMPRESSION HEAD (Range 10 - 400mm²)

The 'G' shaped design of this compression head enables it to hook easily over the conductor. It delivers a compressive force of 11.5 tonnes and accepts a wide range of interchangeable dies for use with copper or aluminium connectors.

Description	Ref. No.
Compression Head	G10H



G14H COMPRESSION HEAD (Range 10 - 630mm²)

This 'G' shaped compression head delivers a compressive force of 14 tonnes and can crimp copper connectors up to 630mm² and aluminium connectors up to 400mm². The full range of G10 type dies can be employed when used with a PUADP adaptor.

Description	Ref. No.
Compression Head	G14H



E18HB COMPRESSION HEAD (Range 10 - 630mm²)

This latch head tool delivers a compressive force of approximately 18 tonnes and is ideal for crimping highly compacted copper conductors. The tool is supplied with 3 die sets : 630mm², 500mm² & an adaptor die to carry 'U' dies ranging from 10mm² to 400mm².

Description	Ref. No.
Compression Head	E18HB



E22H COMPRESSION HEAD (Range 150 - 1000mm²)

The latch top of this compression head can be pivoted open by removing one of the retention pins to allow positioning around the conductor. The tool delivers a compressive force of 22 tonnes and will install copper connectors up to 1000mm² and aluminium connectors up to 960mm².

Description	Ref. No.
Compression Head	E22H



BATTERY HYDRAULIC TOOLS AND ACCESSORIES

E10-2000 (RANGE 10 - 400mm²)

Self contained handtool which operates from a built in rechargeable 12kV battery to deliver 10 tonnes of compression with a preset audible blow-off valve. The tool accepts industry standard 'U' dies. The jaws of the tool auto-retract when 10 tonnes of force has been achieved. Supplied with battery, mains charger and durable carrying case.

Description	Ref. No.
Hydraulic Tool	E10-2000



BAT 2000

A spare 12 volt battery for the E10-2000 handtool.

Description	Ref. No.
12V Battery	BAT2000



240VC2000

A 240 volt mains charger for the BAT2000 battery.

Description	Ref. No.
240V Charger	240VC2000



CABLE CUTTING AND STRIPPING TOOLS

CABLE CUTTING & STRIPPING TOOL

A hand operated tool capable of cutting aluminium and copper conductors not exceeding 35mm or 8mm diameter

Description	Ref. No.
Up to 35mm (non ratchet)	BMC35



BMR80C HAND RATCHET CUTTER

A hand operated ratchet cutting tool designed to cut through aluminium and copper cables up to 80mm diameter. The unique blade design allows cables with tough steel wire armour to be cut. A ratchet tooth cleaning comb is integrated into the end of one handle for maintenance.

Description	Ref. No.
Ratchet Cutter	BMR80C



E10C CUTTER HEAD

Description	Ref. No.
Hydraulic Cutting Head	E10C
Spare Blade	E10CSB



STRIPPING TOOLS AND SPARE BLADES

STRIPPING TOOLS AND SPARE BLADES

Diameter	Description	Ref. No.
Up to 8mm	Cable Cutting & Stripping Tool	UNI8
25mm or above	Cable Stripping Tool	UNI25+
4.5mm to 29mm	Cable Stripping Tool	UNI29
19mm to 40mm	Cable Stripping Tool	UNI40
	Spare Blade for UNI29 & UNI40	UNIB1
	Spare Blade for UNI25+	UNIB2



OUTER SHEATH / INSULATION STRIPPING TOOL

Description	Ref. No.
20 - 40mm Diameter	8YRO-MF2/40E
20 - 58mm Diameter	8YRO-MF2/60E



OUTER SHEATH / INSULATION / STRIPABLE SCREEN REMOVAL STRIPPING TOOL

Description	Ref. No.
16 - 40mm Diameter	8YRO-MF3/40E
16 - 58mm Diameter	8YRO-MF3/60E



OUTER SHEATH / INSULATION / BONDED SCREEN STRIPPING TOOL

Description	Ref. No.
20 - 40mm Diameter	8YRO-MF3NP/40
20 - 58mm Diameter	8YRO-MF3NP/60

SHEATH STRIPPING PLIERS

Removes plastic, rubber, thin foil and soft metal sheaths.

Description	Ref. No.
Suitable for FP200	8YRO-PGOF
5 - 17mm Dia	8YRO-PG0
8 - 21mm Dia	8YRO-PG1
21 - 35mm Dia	8YRO-PG2
26 - 52mm Dia	8YRO-PG3
45 - 75mm Dia	8YRO-PG4
65 - 95mm Dia	8YRO-PG5
80 - 125mm Dia	8YRO-PG6



ADJUSTABLE INSULATION STRIPPING TOOLS

Cuts plastic and elastomeric insulation from high and medium voltage single core cables and low voltage three-core cables.

Description	Ref. No.
14 - 40mm Dia	8YRO-LH1
38 - 60mm Dia	8YRO-LH2
60 - 80mm Dia	8YRO-LH3
80 - 100mm Dia	8YRO-LH4
100 - 140mm Dia	8YRO-LH5
LH1 c/w depth gauge 14 - 40 Dia	8YRO-BRMCD1



SCREEN EDGE LIFTER

Used to catch the peelable semi-conductor.

Ref. No.
8YRO-DSP



ADJUSTABLE SCREEN SCORING TOOLS

This tool removes the peelable semi-conductor.

Description	Ref. No.
14 - 40mm Dia	8YRO-LHM1R
38 - 60mm Dia	8YRO-LHM2R



SCREEN STRIPPING TOOLS

Tools remove the bonded semi-conductor.

Description	Ref. No.
14 - 40mm Dia	8YRO-ASC40R1
38 - 60mm Dia	8YRO-ASC40R2
60 - 80mm Dia	8YRO-LHS3
80 - 110mm Dia	8YRO-LHS4
100 - 140mm Dia	8YRO-LHS5



FIXED BLADE SCORING TOOL

Description	Ref. No.
0.4mm (0.015") depth	TT2352-1
0.6mm (0.025") depth	TT2352-2
1.5mm (0.06") depth	TT2352-3



SHEATH SPREADERS

Used to spread the sheath to facilitate the passing of the shield connection.

Description	Ref. No.
50/95mm ²	8YRO-EV50-95
150/240mm ²	8YRO-EV150-240



INSULATION CHAMFERING TOOLS

Allows cylindrical and tapered stripping of high and very high voltage single core dry cables.

Description	Ref. No.
38 - 60mm Dia (LHC2)	8YRO-NO2
60 - 80mm Dia (LHC3)	8YRO-NO3
95 - 110mm Dia (LHC4)	8YRO-NO4
100 - 140mm Dia (LHC5)	8YRO-NO5

OUTER SHEATH ROLLER PLIERS

Used to reposition the cable shield ahead of ligature connection.

Description	Ref. No.
11kV 50 - 240mm	8YRO-ALROCAN

ADJUSTABLE TAPERING TOOL

Produces a taper only on the insulation.

Ref. No.
8YRO-LHA

SCRAPER TOOL

Removes marks on the semi-conductor.

Description	Ref. No.
Adjustable (Aluminium)	8YRO-SCRAPER
Fixed (Phosphor Bronze)	8YRO-SCRAPER-B

PORTABLE INSULATION SANDING MACHINE

For rapid pumicing of the insulation.

Description	Ref. No.
240V	8YRO-ALROC-C-PP240
110V	8YRO-ALROC-C-PP110

DIES AND TOOL SPARES

G10 TYPE HYDRALIC TOOL DIES

A wide range of hexagon, indent and circumferential die sets to fit the G10 type tools. The U-PO pre-rounding dies enable sector shaped stranded conductors to be formed before fitting circular shaped connectors.

Description	Ref. No.
Nest die (SAC)	UNA-
Nest die (Copper)	UNX-C
Indentor die (SAC)	UP-A
Indentor die (Copper)	UP-C
Hexagonal die set (Aluminium)	U-
Hexagonal die set (Copper)	U-CHEX
Circumferential die set (Aluminium)	U-ART
Circumferential die set for MV (Copper)	U-H
Pre-rounding die set	U-PO
Deep indent die set (Aluminium)	U-D1



G14H HYDRAULIC TOOL DIES

Indent and circumferential dies to fit the G14H head. The PUADP adaptor enables the G10 type dies to be used in the G14H tool.

Description	Ref. No.
Nest Die (Copper)	PN-C
Indentor die (Copper)	PP-C
Adaptor die (To carry 'U' dies)	PUADP
Circumferential die set (Copper)	P-H
Circumferential die set (Copper/Aluminium)	P-ART



E22H HYDRAULIC TOOL DIE

Hexagon and indent dies to fit the E22H head. The ED22AD - adaptor die must be used to hold the EDP-C indentor in position in the crimping head.

Description	Ref. No.
Nest Die (Copper)	EDNX-C
Indentor die (Copper)	EDP-C
Hexagonal die (Aluminium)	ED-
Adaptor die (Copper)	ED22AD-



EDNX-C

EDP-C

ED

ED22AD-

HOSES

Black flexible conducting hydraulic hoses for use with Pysmian Components' pump units rated at 700 Bar (10,000 psi) in dead line situations. The hoses are supported at each end by a flexible steel spring and are complete with screw on couplings.

Description	Ref. No.
Hose, 10,000 p.s.i 2.5m length	DLH10-25
Hose, 10,000 p.s.i 4.6m length	DLH10-46



JOINTING PASTE

An oxide inhibiting paste designed to prevent galvanic corrosion and to enhance connections in electrical joints. It is especially effective when used on copper to aluminium and aluminium to aluminium joints. BX1 has a mineral oil base and BX13 a synthetic oil base.

Ref. No.
BX1-225 (Squeeze Tube - Pictured)
BX1-BUCKET (3Kg)
BX13-BUCKET (3Kg)

