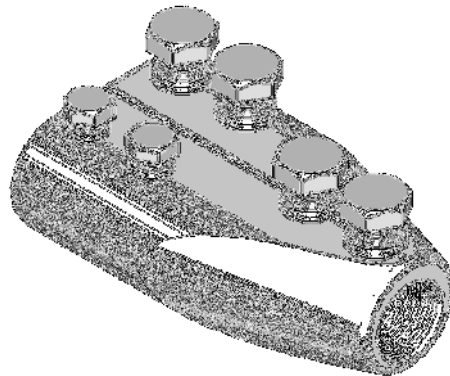


Mains branch mechanical connector with moisture / contaminant block

MECHANICAL CONNECTORS



MB18 Connectors



Principle Application

For mains branch jointing of aluminium / copper, stranded / solid circular conductor cores.

Range

PRODUCT REFERENCE	STRANDED CORE C.S.A. (mm ²)			
	MAIN		BRANCH/TAP	
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM
MB18/1	35	95	35	95
MB18/2	95	150	35	95
MB18/3	95	150	95	150
MB18/EDF	95	240	95	240
MB18/4	185	240	35	95
MB18/5	185	240	185	240
MB18/6	185	240	95	150
MB18/7	95/150	185/240	95	150
MB18/8	35/95	95/150	35	95

Note: For jointing other core configurations/sizes please contact Sicame Technical Dept

The **Hepworth MB18** range of mechanical connectors provide an integral moisture/contaminant block thereby removing the possibility of migration of contaminants/moisture across the joint.

The range of connectors utilise the Hepworth shear head technology in the form of direct acting clamping bolts.



**THORNE &
DERRICK**
INTERNATIONAL

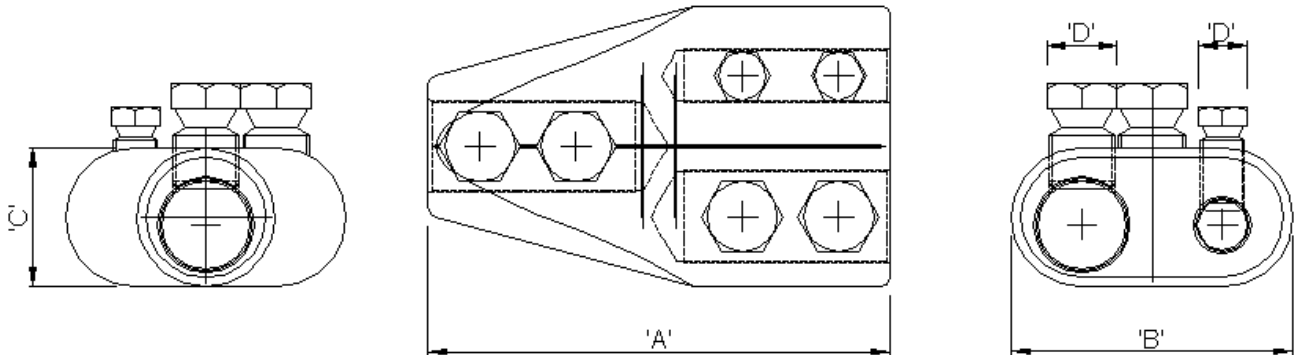
Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com

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MB18 Connectors

Physical Dimensions



PRODUCT REFERENCE	DIMENSIONS (mm)			
	A	B	C	D
MB18/1	116	61	30.5	13 A/F
MB18/2	116	61	30.5	13/17 A/F
MB18/3	116	61	30.5	17 A/F
MB18/EDF	116	61	30.5	M16 (UNI)
MB18/4	125	76	37.5	13/19 A/F
MB18/5	125	76	37.5	19 A/F
MB18/6	125	76	37.5	19/17 A/F
MB18/7	125	76	37.5	19/17 A/F
MB18/8	116	61	30.5	13/17 A/F

Material

Aluminium Alloy

Test Specification

Designed to meet the requirements of Engineering Recommendation C79 and IEC 1238-1.

Fitting instructions

1. Strip the primary insulation from each core equal to the depth of the bore + 5mm.
2. Thoroughly abrade exposed conductor cores.
3. When jointing copper conductor cores, wrap the supplied brass gauze around the core before insertion.
4. Fully insert the conductor core into the connector body.
5. Torque tighten the shear bolts alternatively, one turn at a time, until both bolt heads have sheared.