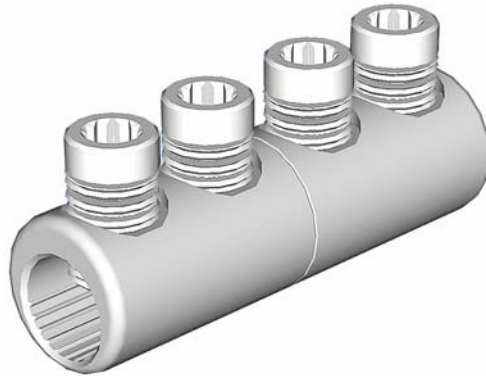


Straight-through mechanical ferrule for medium voltage applications

## MECHANICAL CONNECTORS



### MF17 Connectors



#### Principle Application

Straight through jointing of stranded /solid sectoral conductors.

#### Range

PRODUCT REFERENCE	CORE C.S.A. (mm <sup>2</sup> )				APPROX. UNIT WEIGHT (grammes)
	STRANDED		SOLID		
	MIN	MAX	MIN	MAX	
MF17/1	10*	95	10	70	120
MF17/2	16	185	16	150	150
MF17/3	70	300	70	240	200
MF17/4	185	300	185	300	218

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

The **MF17** range of mechanical connectors utilises the patented "universal" range taking shear bolts and comes complete with core stripping guides.

Suitable for all cable voltages upto and including 11000 volts.

#### Secondary Application

Straight through jointing of stranded/solid circular cored conductors.

#### Range

PRODUCT REFERENCE	CORE C.S.A. (mm <sup>2</sup> )				APPROX. UNIT WEIGHT (grammes)
	STRANDED		SOLID		
	MIN	MAX	MIN	MAX	
MF17/1	10*	95	10	185	120
MF17/2	16	185	16	300	150
MF17/3	70	300	70	400	200
MF17/4	185	300	185	300	218

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

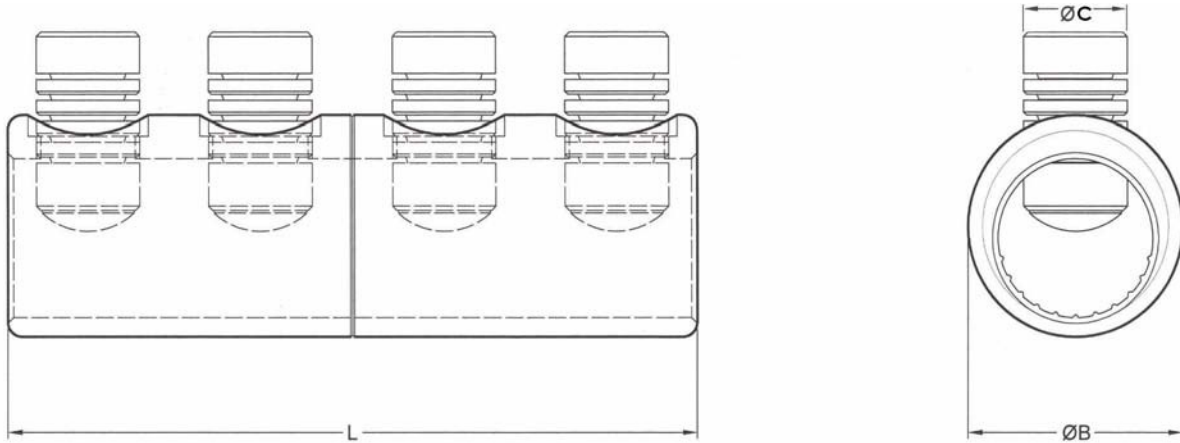
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#### Physical Dimensions



PRODUCT REFERENCE	DIMENSIONS (mm)		
	L	ÆB	ÆC
MF17/1	102	28.0	M16
MF17/2	106	32.0	M18
MF17/3	120	37.5	M18
MF17/4	110	41.0	M18

**Material:** Aluminium Alloy

#### Test Specification

Engineering Recommendation C79 / IEC 1238-1.

#### Fitting instructions

1. Strip insulation from each core equal to the depth of the bore guide + 5mm.
2. Thoroughly abrade exposed conductor cores. (See note).
3. Position the conductor cores within the connector ensuring they are fully located.
4. Fit the universal shear bolts and tighten consecutively one turn at a time until the bolts have sheared.

Note: When jointing copper conductor, wrap the core with the brass gauze supplied prior to installation.

Conductor cores 10mm<sup>2</sup> and below should be doubled to achieve the necessary cross-sectional area.

**IMPORTANT:** Please note when using the MF connectors in joints nominally rated in excess of 3.3kV, it is essential that the Jointing System Supplier's instructions for stress relieving and re-insulation techniques are strictly adhered to.