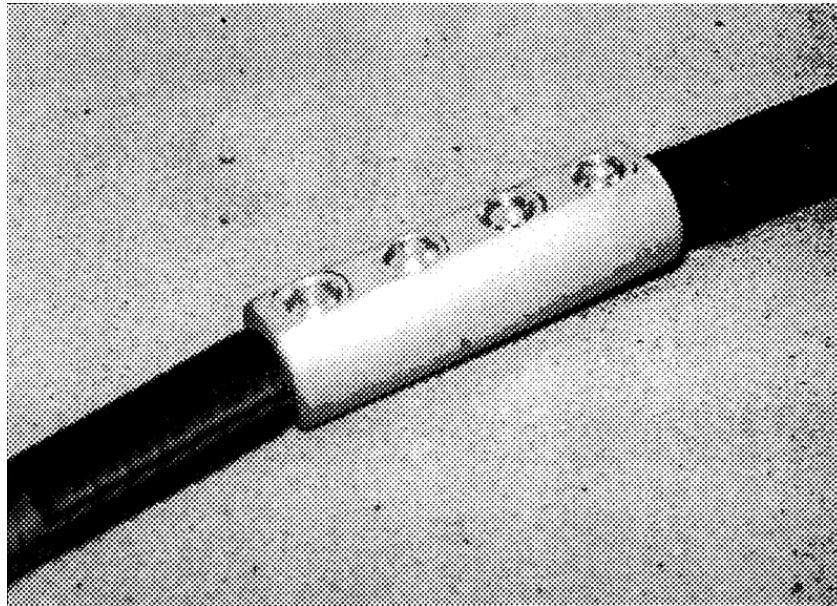


Straight-through
mechanical ferrule

MECHANICAL CONNECTORS



MF5 Connectors



Principle Application

Straight through connection of stranded cored MV conductors.

Range

Product Ref	Conductor c.s.a. (mm ²)		Approx. Unit Weight (grammes)
	Minimum	Maximum	
MF 5/2	70	185	300
MF 5/3	185	300	400

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

The Hepworth MF5 range of mechanical ferrules are designed to meet the need to connect Medium Voltage conductors for a straight through configuration in applications where a moisture or contaminant blocked connection is an essential requirement.

The ferrule is simple to fit and is an economic substitute for the more traditional jointing method ie. compression and sweating.

Secondary Application

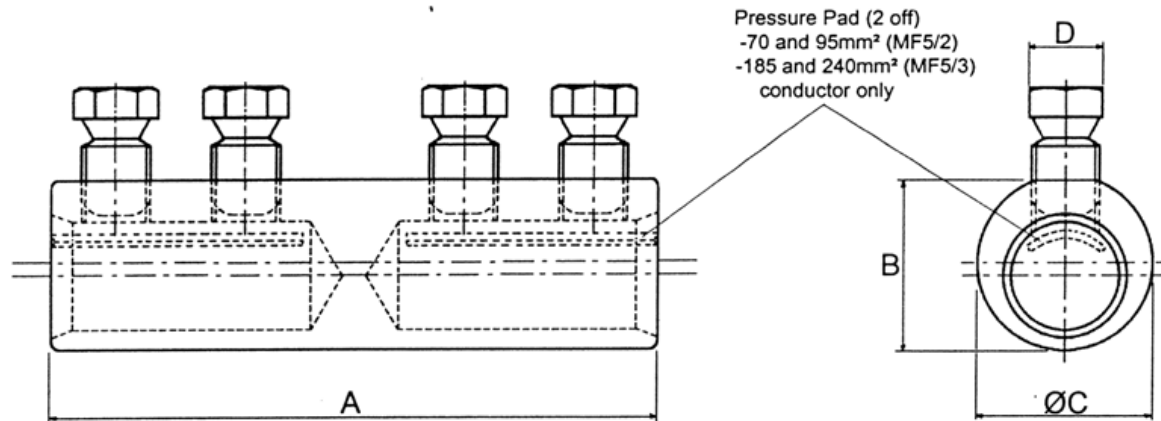
Straight through connection of stranded cored LV conductors.

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MECHANICAL CONNECTORS

MF5 Connectors

Physical Dimensions



Product Ref	Dimensions (mm)			
	A	B	C	D A/F
MF 5/2	120	30.4	31.6	17.0
MF 5/3	140	40.0	41.2	17.0

Material

Aluminium Alloy

Test Specifications

BS4579 : Pt1 : 1970

Fitting Instructions

1. Strip insulation from each core equal to length of pressure pad + 5mm.
2. Pre-round, using gas pliers, any stranded sectoral conductors.
3. Thoroughly abrade exposed conductors.
4. Wrap brass gauze around any copper conductors jointed within the connector.
5. Align the cores within the connector (using pressure pads for 70 & 95mm² (MF5/2) and 185 & 240mm² (MF5/3) sectoral stranded conductors only) and tighten shear head screws - DO NOT shear off heads at this stage.
6. Check core alignment and phase identity. Tighten shear head screws on each side of the connector consecutively one turn at a time until all heads have sheared off.

IMPORTANT : Please note that when using the MF5 connector in joints nominally rated in excess of 3.3KV, it is essential that the Jointing System Suppliers instructions for stress relieving and re-insulation techniques are strictly adhered to.