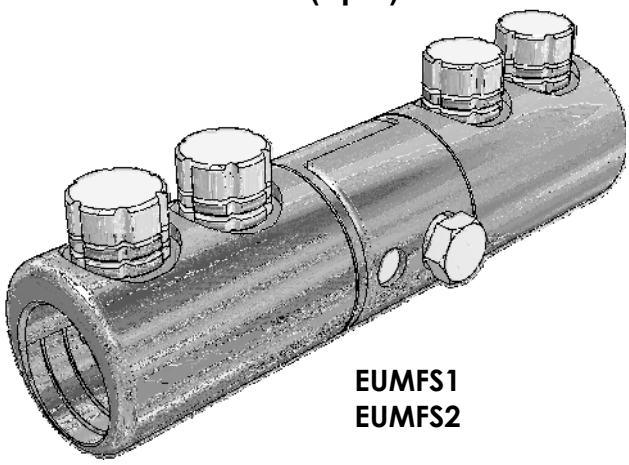
Mechanical In-Line Splice with Moisture/Contaminant Block for Medium/High Voltage Applications

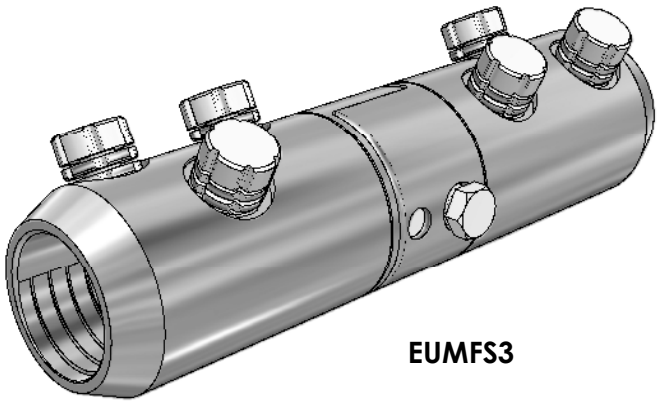
MECHANICAL CONNECTORS

HEPWORTH

'EUMFS' Connectors (Split)



EUMFS1
EUMFS2



EUMFS3

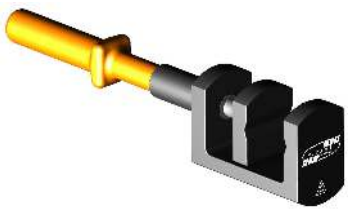
Principle Application:

Straight jointing of circular stranded aluminium or copper conductors for all cable voltages up to and including 33kV.

Range:

Connector Reference	Stranded Core Size (mm²)	
	Min	Max
EUMFS1	35	185
EUMFS2	150	300
EUMFS3	400	630

The **'EUMF'** range of mechanical connectors incorporate an integral moisture/ contaminant block and utilise the universal range taking shear bolts.
The appropriate tooling is to be used at all times, typical examples shown below.



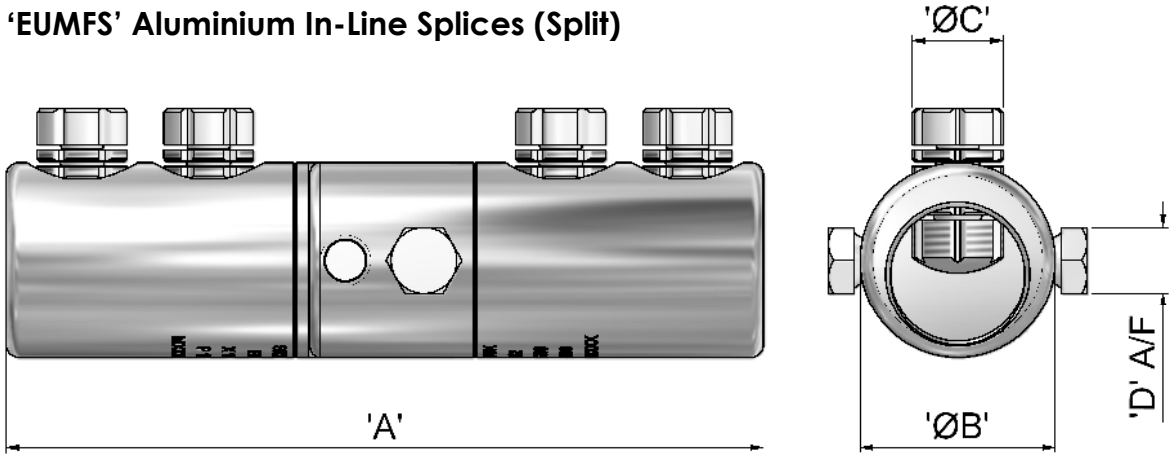
'JTS/22 BR' Holding Tool

JTS/27 (M18) ½"sq Driver

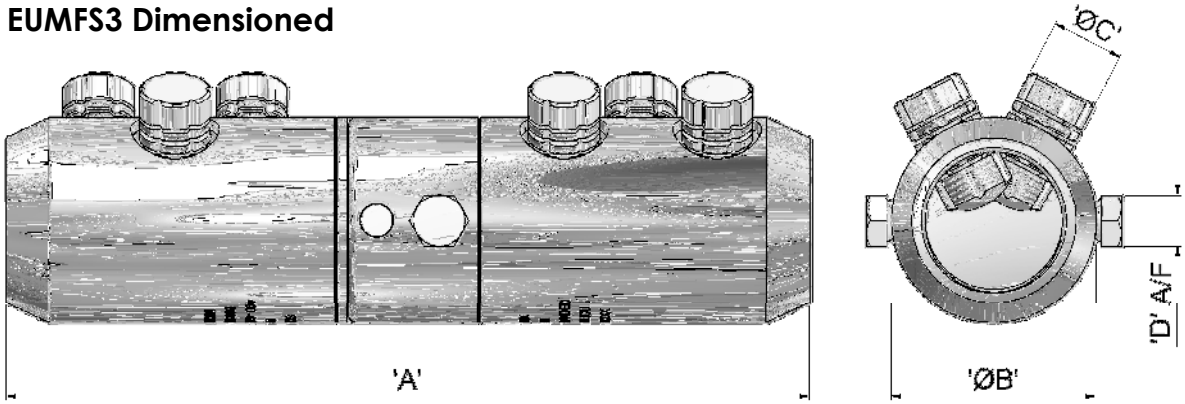
JTS/24 (M18) 17 A/F Driver

Mechanical In-Line Splice
with Moisture/Contaminant
Block for Medium/High
Voltage Applications

'EUMFS' Aluminium In-Line Splices (Split)



EUMFS3 Dimensioned



Connector Reference	Dimensions (mm)			
	'A'	'ØB'	'ØC'	'D' A/F
EUMFS1	150	31	M16x4	13
EUMFS2	150	39	M18x4	13
EUMFS3	200	51	M18X6	13

Material: Aluminium Alloy (Electro-Tinned)
Test Specification: BS EN 61238-/Class A
Test Report No: TTR/354—EUMFS1-240S.

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. Separate the connector and place each half onto the conductor cores.
4. Bring both connector halves together and align, screw the two central joining screws into the connector and tighten consecutively one turn at a time until both screws have sheared.
5. Tighten the universal shear bolts consecutively one turn at a time until the bolts have sheared.
6. Deburr and clean the connector as appropriate ensuring the profile of the screws are level with the connector body and leaving no sharp edges.