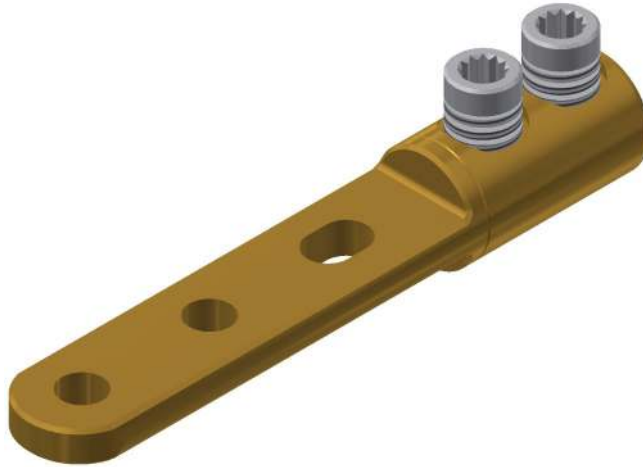


Mechanical termination lug with moisture / contaminant block for medium voltage applications

MECHANICAL CONNECTORS



HVTM4/X-3H Connectors



Principle Application:

Termination of stranded and solid circular cored shaped conductors.

Range:

Connector Reference	Core C.S.A. (mm ²)				Stud Size (mm)	Connector/ Body Material
	Stranded		Solid			
	Min	Max	Min	Max		
HVTM4/0-3H	N/A	N/A	95		M16	Brass
HVTM4/2-3H	N/A	N/A	185	300	M16	Brass
HVTM4/3-3H	400		N/A	N/A	M16	Brass
HVTM4/4-3H	500	630	N/A	N/A	M16	Copper

The ‘**HVTM**’ range of centre palm mechanical lugs incorporate an integral moisture block and utilises the patented “universal” range taking shear bolts. The connector comes complete with core stripping guides.

Suitable for all cable voltages up to and including 11000 volts.



THORNE &
DERRICK
INTERNATIONAL

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

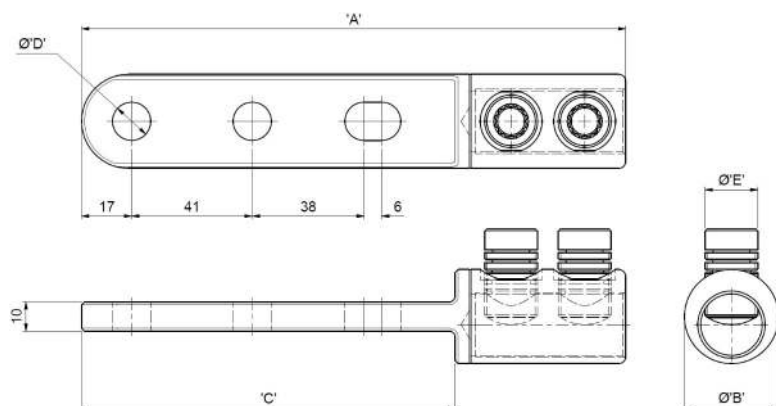
2.12h

Mechanical termination lug
with moisture / contaminant
block for medium voltage
applications

MECHANICAL CONNECTORS

HVTM4/X-3H Connectors

Physical Dimensions



Connector Reference	Dimensions (mm)				
	'A'	Ø'B'	'C'	Ø'D'	Ø'E'
HVTM4/0-3H	172	25	127	13	M10
HVTM4/2-3H	185	32	127	13	M18
HVTM4/3-3H	210	44	127	13	M18
HVTM4/4-3H	210	52	127	13	M18

Note: HVTM4/0-3H uses 13mm A/F
Hexagon head brass shear

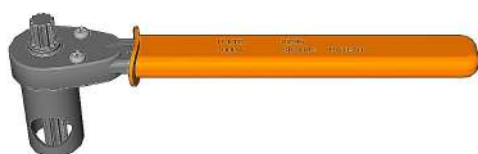
Material:

See Range Table.

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. Align the cores within the yoke.
4. Tighten the universal bolts consecutively one turn at a time until all the heads have sheared.

The appropriate tooling is to be used at all times, typical examples shown below.



'JTS/7I' Universal Screw Ratchet Tool
(Insulated)



'JTS/16' Universal Screw Socket
(17mm A/F)

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

Important: Please note that when using the HVTM terminations in joints normally 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.



THORNE &
DERRICK
INTERNATIONAL

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