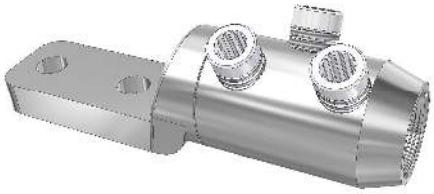
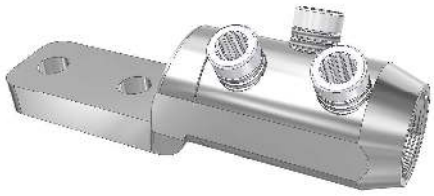
LVML/….-2H Aluminium Connectors



LVML/…. -2H



LVML/3A-2H

Principle Application:

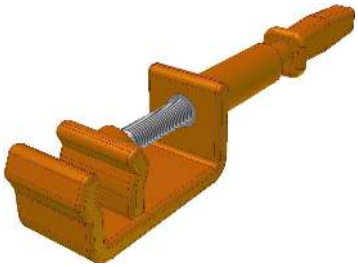
Termination of circular stranded aluminium or copper conductors.

Range:

Product Reference	Stranded Core Size		Stud Size
	Min	Max	
LVML/1-2H	#2 (34mm^2)	250 kcmil (127mm^2)	2 x 1/2"
LVML/2-2H	4/0 (107mm^2)	500 kcmil (253mm^2)	2 x 1/2"
LVML/3-2H	500 kcmil (253mm^2)	1000 kcmil (507mm^2)	2 x 1/2"
LVML/3A-2H			

The **'LVML/x-2H'** range of mechanical terminations are manufactured from a single piece hot forging thereby ensuring a water proof connection.
The product utilise the patented universal range taking shear bolts.
(USA Patent No's 6209424 & 6321624)

It is recommended that the appropriate tooling is to be used at all times, typical examples shown below.

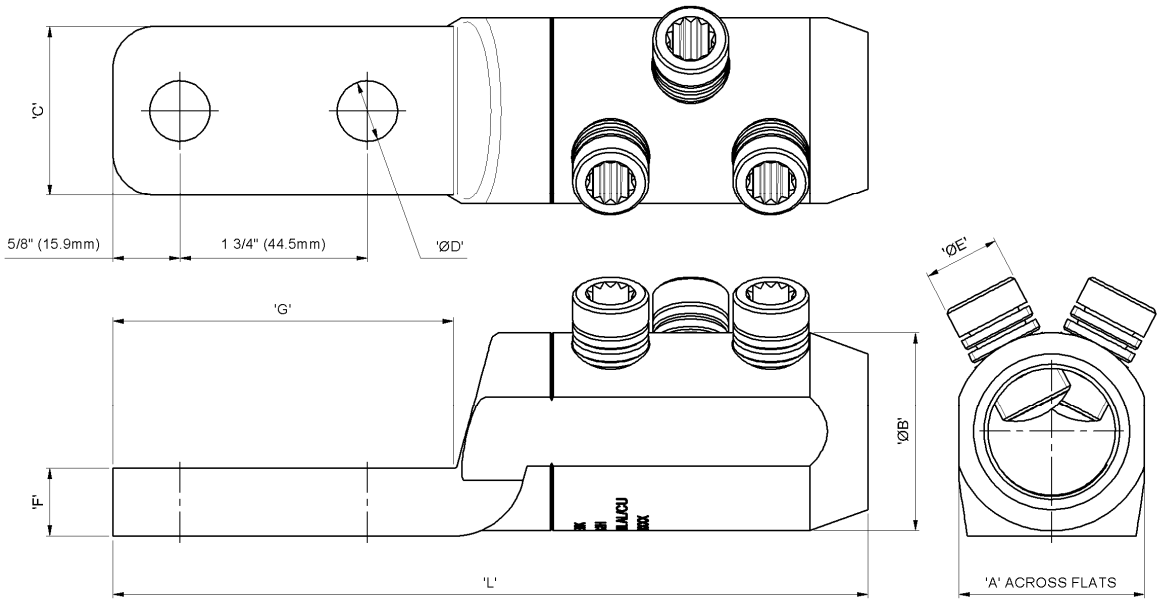


'JTS/22' Holding Tool

'JTS/9' ½" sq Driver

LVML/….-2H Aluminium Connectors

Physical Dimensions



Connector Reference	Dimensions							
	'L'	'A'	'ØB'	'C'	'ØD'	'ØE'	'F'	'G'
LVML/1-2H	5.86" (149mm)	-	1.10" (28mm)	1.41" (36mm)	0.56" (14.3mm)	M16	3/8" (10mm)	3.29" (83.7mm)
LVML/2-2H	6.06" (154mm)	-	1.33" (34mm)	1.57" (40mm)	0.56" (14.3mm)	M16	7/16" (11mm)	3.18" (80.7mm)
LVML/3-2H	7.04" (179mm)	-	1.85" (47mm)	1.57" (40mm)	0.56" (14.3mm)	M18	5/8" (16mm)	3.18" (80.7mm)
LVML/3A-2H		1.73" (44mm)						

Material: Aluminium Alloy

Test Specification: Designed to meet the requirements of ANSI C119.4
Class 2 Partial Tension / IEEE 404

Test Report No: TBA

Fitting instructions:

1. Strip the insulation from the core equal to the depth of the bore.
2. Wire brush the exposed conductor core and wipe clean.
3. Align and position the conductor core into the bore ensuring that the core is fully