

## **BOLTED MECHANICAL LUGS (BLMC)**

### **FOR LOW AND MEDIUM VOLTAGE CABLE ACCESSORIES UP TO 42 kV**

#### **KEY FEATURES**

- Wide application range
- Compact design
- Can be used with almost every type of conductor and material
- Torque-controlled shearhead bolts guarantee a good electrical contact
- Easy installation with standard socket spanner
- Pre-engineered design for perfect fit in medium voltage cable accessories up to 42 kV
- Tested according to IEC 61238-1 class A

TE Connectivity's (TE) Raychem bolted mechanical lugs with concentric palm are designed for use in low and medium voltage terminations.

All products consist of a tin-plated body, shearhead bolts and inserts for small conductor sizes.

Made of special aluminum alloy, these contact bolts are double shearhead bolts with outer hexagon heads.

The bolts are treated with a highly lubricating agent. Contact bolts are irremovable once their heads have been sheared off. The Lug body is made of a high-tensile, tin-plated aluminum alloy. The internal surface of the conductor holes are grooved.

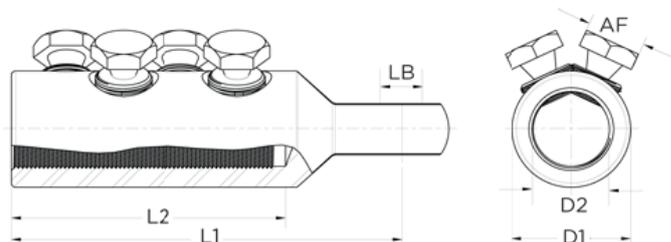
Lugs are suitable for outdoor and indoor applications and are available with 16mm palm hole sizes.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**

## Copper Shearbolt Connectors



The bolted fitting featured herein was developed specifically for use in medium voltage terminations up to 42 kV. They may also be used in the 1 kV range. Before using mechanical lugs in cable accessories, confirm that they are suitable for the given application and if necessary consult the manufacturer.



### PRODUCT SELECTION GUIDE

TE Part Number	Description	Cross Section Range (mm <sup>2</sup> )	Number of Shearheaded Bolts	Bolt Head Size (mm)		Palm Hole Diameter (mm)		Length (mm)		Inner Diameter	Outer Diameter
				AF	LB	L1	L2	D2	D1		
2107040-1	BLMC-500/630-16-1250A	500 - 630	3	27	16.3	155	100	33	50		
2107038-1	BLMC-185/400-16-1250A	185 - 400	3	22	16.3	155	100	25.5	50		
2107030-1	BLMC-800-16-1250A	800	4	27	16.3	185	130	36	56		
2107010-1	BLMC-240/400-16-800A	240 - 400	3	22	16.3	112.5	75	25.5	38		
1923652-1	BLMC-25/95-16-800A	25 - 95	1	13	16.3	77.5	30	12.8	29		
1923597-1	BLMC-95/240-16-800A	95 - 240	2	19	16.3	107.5	60	19.5	34.5		
1923340-1	BLMC-185/300-16-800A	185 - 300	2	22	16.3	112.5	65	24	38		

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