

Two Bolt Type Cleat (TB-Range)



Two (2) Bolt Type Cleat:

In all cable installations, an essential factor is to ensure that all cables are secured with the correct cleats for the cable, application, and environment. The TB series of cleats support and secure all cables in a single formation throughout the system during normal operation and during fault conditions that may occur. System integrity is maintained, and cable damage can be prevented.

The TB range of cleats comply with latest requirements to EN 61914:2016 & IEC 61914:2015 standards. They are manufactured from low density polyethylene with excellent resistant to ultraviolet light and adverse weather conditions. The cleats are designed to hold and retain all types of cables in a single formation.

The TB range of cable cleats are marked “BICC COMPONENTS - TBXX” along with the cable diameter range (XX-XX) accommodation covering diameters from 50mm to 94mm.

The short circuit ratings mentioned below are based on single core cable formation as per EN 61914:2016 & IEC 61914:2015 standards. Short circuit report for multicore cables is available upon request.

Test Standard: EN 61914:2016 & IEC 61914:2015					
Description:	Clause:	Classification:	Description:	Clause:	Classification:
Type	6.1.2	Non-Metallic	Resistance to Short Circuit	6.4.4 – 1short circuit	20kA RMS / 50kA Peak
Operating Temperature	6.2	-20°C to +60°C		6.4.5 – 2short circuits	20kA RMS / 50kA Peak
Impact Resistance	6.3.4	Heavy	Ultraviolet Light	6.5.1.2	Resistant to Ultraviolet Light
Lateral Retention	6.4.2	8 KN	Corrosion Resistant	6.5.2	Not Applicable
Axial Retention	6.4.3	0.3 KN	Needle Flame	10.1	>120 secs
Cleat Spacing			Cleat type, spacing and suitability for horizontal or vertical installation is dependent on system fault level and cable diameter and weight. Therefore, these parameters must be adequately assessed by the end-user prior to order or installation of the cleats.		

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Features:

- Low & Medium Voltage Single or Multi core Type Cables in a Single Formation.
- Cable Diameter Range from 50mm to 94mm.
- **Material:** Low Density Polyethylene (LDPE) – Black Colour
- Suitable for Use With all Standard Ladder and Tray Systems.
- Operating Temperatures -20°C to +60°C.

Selection Table:

Item Code	Cable Diameters (mm)		Cleat Dimensions (mm)				Hole Fixings
	Min.	Max.	C	A	B	E	
TB01	50	58	79.0	102.0	45.0	81.0	2 x M10
TB02	56	64	83.0	102.0	45.0	81.0	2 x M10
TB03	62	70	89.0	114.5	45.0	93.0	2 x M10
TB04	68	76	96.0	114.5	50.0	93.0	2 x M10
TB05	74	82	101.0	126.5	50.0	104.0	2 x M10
TB06	80	88	109.0	128.0	50.0	105.0	2 x M10
TB07	86	94	116.0	138.0	60.0	115.0	2 x M10

Disclaimer: The dimension provided are for guidance and given in good faith, however BICC Components reserve the right to change these without prior notification.

