

sofamel

Product Technical Specifications

Mod. BT

Low voltage aluminium joint

Functionality

Aluminium joint for connections of **LOW** and **MEDIUM VOLTAGE** circuits. They are used in a wide range of sections, both for flexible and rigid copper cables in underground distribution networks.

Product Features

Manufactured by **HIGH CONDUCTIVITY ALUMINUM** casting with a purity equal to or greater than 99.5%. They carry neutral grease in both holes to avoid oxidation of aluminum.

These terminals are suitable for indoor and outdoor installations as long as any possible water inlet is sealed by tape or heat shrink, as could be the inspection hole and / or the remaining separation between terminal and cable once crimped.

The Sofamel terminals are marked with the Sofamel logo, conductor section.

The sections of this product can go from **25** to **240 mm²**. (300-400 mm² under request).





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Raw Material Features

ALUMINIUM

Aluminum type: **High purity aluminium (99.5% or higher).**

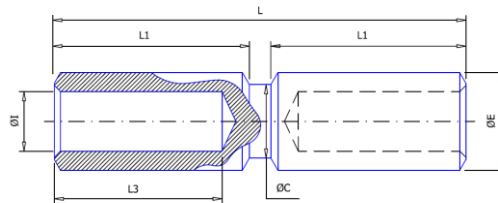
Incorporates neutral grease to prevent aluminum oxidation.

Certified

According to the Standards:

UNE 61238-1: 2006 Mechanical and compression connectors for power cables of assigned voltages up to 36 kV (Um-42 kV). Part 1: Test methods and requirements. (IEC 61238-1:2003, as amended)

Dimensions



BT-16	20	5,5	100	47,5	40	14,8
BT-25		6,5				
BT-35		8,0				
BT-50		9,0				
BT-70		11,0				
BT-95		12,5				
BT-120	25	13,7	135	64,0	55	18,8
BT-150		15,5				
BT-185	32	17,0				
BT-240		19,5				
BT-300	40	23,3	187	90,0	80	28,0
BT-400		26,0				
REFERENCIA	ØE	ØI	L	L1	L3	ØC