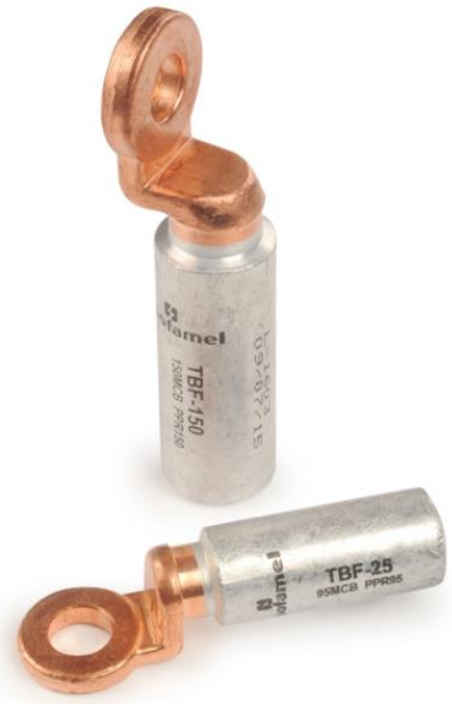
Product Technical Specifications

Mod. TBF

Bimetallic cable lug



Functionality

Bimetallic cable lug 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.

These terminals must be crimped by stepped **DEEP PUNCHING**.

Product Features

Manufactured by HIGH CONDUCTIVITY ALUMINUM casting with a purity equal to or greater than 99.5% with a tinned surface finish of 15µ thickness to improve electrical contact and prevent oxidation.

The blade is made of forged **COPPER**.

Through a process of friction welding join both materials forming the bimetallic connector.

It incorporates the neutral grease in the hole to avoid the oxidation of aluminum. Specially designed for connections with **UNDERGROUND** cable.

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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 and the driver's section.

The sections of this product can go from **16 to 400 mm²**, the blade drill is **12,8 mm** and **16,5 mm** (in the sections of 300 and 400 mm²).

Raw Material Features

ALUMINUM

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

Alloy: **1050**.

Surface treatment: **tin bath 10µ thick**.

COPPER

Blade: **Forged copper**.

Electrical Features

CLASS A cable lug:

Connectors intended for the distribution of electricity or industrial networks, where they may be subjected to short circuits of relatively high intensity and duration. As a result, they adapt to most applications.

Certified

According to the Standard:

IEC 61238-1

NF C33-090-1

Thomas Alva Edison, 16-17 - Pol. Industrial Plans d'Arau - 08787 La Pobla de Claramunt (Barcelona) - Spain
Tel. +34 93 808 79 80 - Info@sofamel.es
www.sofamel.com