

# sofamel

Product Technical Specifications

## Mod. TCD

Copper cable lug DIN 46235



### Functionality

Copper 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 **HEXAGONAL COMPRESSION** or by **PUNCHING COMPRESSION**.

### Product Features

Manufactured from electrolytic copper with a tinned finish to improve electrical contact.

Incorporates a central stop which facilitates the correct cable positioning.

These copper cable lugs 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.



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The Sofamel cable lugs are marked with the Sofamel logo and the section and the ØT.

The sections of this product can be from **6 to 1000 mm<sup>2</sup>** and the blade drill can have measures of **5, 6, 8, 10, 12, 14, 16 and 20 mm**.

### Certified

Manufactured according to the standard **DIN 46235** (copper terminals, for compression, tin and copper conductors).

## Raw Material Features

### COPPER

Copper type: **99.9% electrolytic copper**.

Specific gravity: **8.95 gr/cm<sup>3</sup>**.

Conductivity at 20°C: **58.14 Siemens x m/mm<sup>2</sup>**.

Resistivity at 20°C: **0.0172 Ohms x mm<sup>2</sup>/m**.

Surface treatment: **tin bath 5µ thick**.