# sofamel

**Product Technical Specifications** 

# Mod. TDC/S KIT

Iberdrola-standard insulated stamped bimetallic terminal

## Functionality

Bimetallic cable lug for connections of **LOW** and **MEDIUM VOLTAGE** circuits. They are used in a wide range of sections, for aluminum cables to copper plate.

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

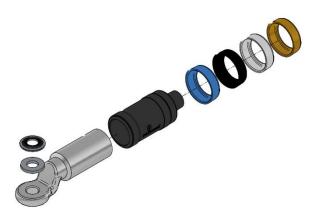
### **Product Features**

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

It incorporates the neutral grease in the hole to avoid the oxidation of aluminum. Specially designed for connections with **UNDERGROUND** cable. 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** mm<sup>2</sup>, the blade drill is **13 mm**.





# Mod. TDC/S KIT

# Bimetallic cable lug

### .Raw Material Features

### **ALUMINUM**

Aluminum type: High purity aluminum (99.5%

or higher). Alloy: 1050.

Surface treatment: tin bath 15µ thick.

\* Synthetic rubber insulating cover.

\* Phase or neutral identification rings.

\* Connection washers.

### **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 Standards:

IEC 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.

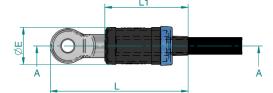
UNE 211024-1:2010. Connection accessories. Connection elements for underground low- and medium-voltage distribution networks up to 18/30 (36) kV PRODUCT

NI 56.88.01 Insulated cable accessories with aluminum 0.6/1kV underground network conductors

They have the AENOR certificate (terminals with sections 50, 95, 150, 240).







### **Dimensions**

TDC/S K-50/8 KIT				
TDC/S K-50/10 KIT	50			
TDC/S K-50/12 KIT		26	100	51
TDC/S K-95/10 KIT	95			
TDC/S K-95/12 KIT	33			
TDC/S K-150/10 KIT	150	31	128	68
TDC/S K-150/12 KIT	130	51	120	00
TDC/S K-240/12 KIT	240	38	140	86
Ref.	Sec.	ØE	٦	L1

Datos sujetos a cambios 2020, Mayo 14

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Las especificaciones están sujetas a cambios sin previo aviso.

