

# PRODUCT DATA SHEET

## Earthing components

### Connection components for earth conductors

**Code: 6221616-70**

**Description: Copper rod connector, code 6221616-70**

#### Application

Clamp, for connecting round rods. Used in air termination system, down conductor system, earthing system.



#### Classification as per IEC EN 62561

- Heavy duty (H - 100 kA)
- General use
- Intended to withstand a static mechanical load
- Non-permanent connection

#### Technical characteristics - Installation instructions

Material	Copper (Cu)
Description	Is consisted of two plates with dimensions 60x60 mm.
Bolts / nuts	M8x25 mm, V2A stainless steel hexagon head bolts. / M8 V2A stainless steel nuts.
Rods' dimensions	Ø16 mm.
Connection arrangements	Cross (B1). / Parallel (B2).
Installation	Above ground, buried in ground, embedded in concrete.
Can be connected above ground with	Cu, Cu/eSn, Stainless Steel (SSt), St/eCu.
Can be connected buried in ground with	Cu, Cu/eSn, Stainless Steel (SSt), St/eCu.
Can be connected in concrete with	Cu, Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn.
Tightening torque	13 Nm.

#### Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC EN 62561-

1 “Lightning protection system components (LPSC) – Part 1 : Requirements for connection components”.

Test report No **30955** by accredited laboratory as per ISO 17025

### **ELEMKO management systems**

- ISO 9001
- ISO 14001
- ISO 45001

### **Country of Origin**

Greece

### **Unit: piece / Package: 20 pieces**

We reserve the right to introduce changes in the component due to technical evolution.