

# PRODUCT DATA SHEET

## Earthing components

### Connection components for earth conductors

### Lightning protection systems

### Connection components for LPS conductors

**Code: 6208117-71**

**Description: St/tZn, round or stranded conductor to rod connector with stainless steel bolts, code 6208117-71**

#### Application

Clamp, for connecting solid round or stranded conductor to air termination rod, earth lead-in rod, earth rod. 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	Hot dip galvanized steel (St/tZn)
Description	Is consisted of two external plates with dimensions 60x60 mm and one intermediate plate.
Bolts / nuts	M8x30 mm, V2A stainless steel hexagon head bolts. / M8 V2A stainless steel nuts.
Conductor's dimensions	Ø8-10 mm (50-70 mm <sup>2</sup> ).
Rod's dimensions	Ø16 mm.
Connection arrangements	Cross connection (B1). / Parallel connection (B2).
Installation	Above ground, buried in ground, embedded in concrete.
Can be connected above ground with	Al, Stainless Steel (SSSt), St/tZn.

Can be connected buried in ground with

Stainless Steel (SSt), St/tZn.

Can be connected in concrete with

Cu, Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn.

Tightening torque

13 Nm.

## Testing

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 reports No **30990** by accredited laboratory as per ISO 17025.

## ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

## Country of Origin

Greece

## Unit: piece / Package: 25 pieces

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