

# PRODUCT DATA SHEET

## Lightning protection systems

### Connection components for LPS conductors

**Code: 6208308-71**

**Description: St/tZn parallel clamp, code 6208308-71**

#### Application

Clamp, for connecting solid round or stranded conductors. Used in air termination system, down conductor system, earthing system.



#### Classification as per IEC EN 62561

- Heavy duty (H - 100 kA)
- General use
- Not 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 plates with dimensions 55x40 mm.
Bolts / nuts	M8x25 mm, St/tZn hexagon head bolts. / M8 St/tZn nuts.
Conductor's dimensions	Ø8-10 mm (50-70 mm <sup>2</sup> ).
Connection arrangements	Parallel connection (B2).
Installation	Above ground, buried in ground, embedded in concrete.
Can be connected above ground with	Al, Stainless Steel (SSt), 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 report No **30059** by accredited laboratory as per ISO 17025.

### **ELEMKO management systems**

- ISO 9001
- ISO 14001
- ISO 45001

### **Country of Origin**

Greece

### **Unit: piece / Package: 50 pieces**

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