PRODUCT DATA SHEET

Earthing components

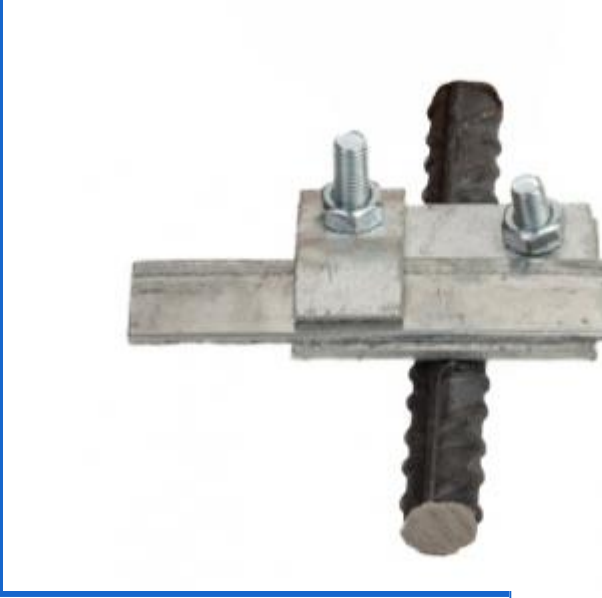
Foundation earthing

Substation earthing

Code: 6201000-71
Description: Clamp fastener for foundation earthing system, code 6201000-71

Application

Clamp - fastener for electrical connection–fastening of reinforcement rebars to round or tape conductors.



Classification as per IEC EN 62561

- Heavy duty (H – 100 kA) (1)
- Embedded in concrete (1)
- Not intended to withstand a static mechanical load (1)
- Non-permanent connection (1)
- Short circuit withstand capability 5 kA rms for 1 s

(1) As per IEC EN 62561

Technical characteristics - Installation instructions

Material	Hot dip galvanized steel (St/tZn).
Description	Is consisted of a plate with dimensions 83x60 mm and two “jaws” for the conductor/rebar clamping.
Bolts / nuts	M10x30 mm, St/eZn carriage bolts. / M10 St/eZn nuts.
Conductor's dimensions	Ø8–10 mm (50–70 mm2).
Tape's dimensions	Up to 40 mm width & up to 4 mm thickness.
Reinforcement rebar's dimensions	Ø10–22mm.
Connection arrangements	Cross (B1). / Parallel (B2).
Installation	Embedded in concrete.
Can be connected with	Cu, Cu/eSn, St, Stainless Steel (SSt), St/eCu, St/tZn.
Tightening torque	35 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 **31858** by accredited laboratory as per ISO 17025.
The component has successfully passed short circuit withstand capability tests. Test report No **1405/2022/DKK-04**

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.