

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Code: 62 01 000
ed.03/2023
Description: Clamp fastener for foundation earthing system

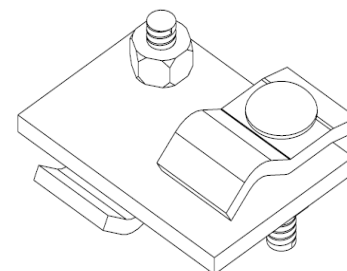
Application

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

Classification

- 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

| | |
|--------------|---|
| 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 |

Installation instructions

| | |
|----------------------------------|--|
| Conductor's dimensions | Ø8–10 mm (50–70 mm ²) |
| 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 (SSst), 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.

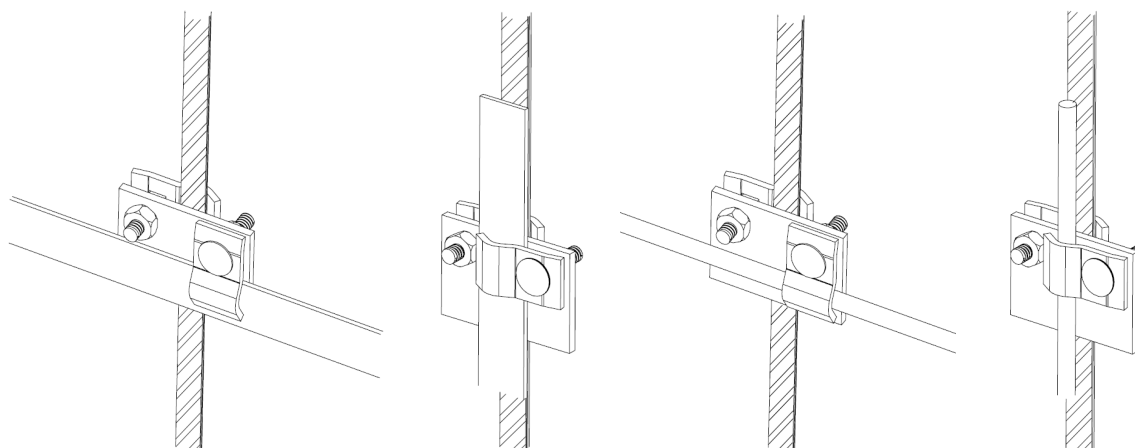
Test report No **1405/2022/DKK-04**

Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

Country of Origin

Greece

Unit: piece / Package: 50 pieces


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