

# PRODUCT DATA SHEET

## Earthing components

### Earth rods, earth plates & type "E" earth electrodes

**Code: 6321715-70**

**Description: External threaded earth rod 3/4" nominal diameter  
1500mm length, code 6321715-70**

#### Application

Electrolytically copper plated steel (St/eCu) earth rod used in earthing system.



#### Technical characteristics - Installation instructions

Diameter	3/4" (20mm) thread, Ø17,2 mm shank.
Length	1500 mm.
Core material	Steel.
Coating material	Copper.
Coating thickness	>250 µm.
Type of coating method	Electrolytic (molecularly bonded onto the steel core).
Electrical resistivity	<0,25 µΩm.
Tensile strength	350 - 770 N/mm <sup>2</sup> .
Installation	Driven into ground by hammer or vibration hammer <sup>1)</sup> , embedded in concrete. 1) Required driving stud, ELEMKO code 6340017, see relevant data sheet.
Extension	Both ends external threaded (3/4") to be extended vertically by copper alloy coupler (ELEMKO code 6330017 - not included).
Can be connected buried in ground with	Cu, Cu-A (copper alloy), Cu/eSn, SSt (Stainless Steel), St/eCu.
Can be connected in concrete with	Cu, Cu-A (copper alloy), Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn.

Connection to conductor By clamp or exothermic welding (for the protection of the connection against corrosion use earth pit, e.g 6009021).

### Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC EN 62561-2 "Lightning protection system components (LPSC) - Part 2 : Requirements for conductors and earth electrodes". Test reports No **30705, 31501 & 31506** by accredited laboratory as per ISO 17025.

### ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

### Country of Origin

Greece

### Unit: piece / Package: 5 pieces

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