

# DATA SHEET

## Vertical copper-bonded forged rod with sealing-strengthening bush

The 99.9% pure electrolytic copper bonded onto a drawn steel to a thickness of **min 0.250 mm** forms molecular and inseparable connection with the steel. The steel core has a high tensile strength of 600 N/mm<sup>2</sup>.

One end of the rod has decreased diameter by cold pressed this guarantees the same thickness of the copper layer on the whole length of the rod. The other end has a hole which enables the connection between the rods to increase the length.

The connection of the rods is protected by sealing bush made of stainless steel which provides additional mechanical strength to the connection. The rod pin is made by cold pressed this hardened the end of rod. Therefore there is no need to use the tip. Connection of the rods complies with the requirements of IEC/EN 62561-2 „Lightning protection components (LPSC). Requirements for conductors and earth electrodes”. To drive the rod into the ground, the driving stud and tup for mechanical driving or tup for hand driving must be used.

The sealing bush advantage:

- sealing the pin-feather key connection,
- strengthening the mechanical connection

### Vertical copper-bonded forged rod with sealing-strengthening bush

Cat. no.	Diameter of rod mm	Length* m	Material
C0000172	14.2	1.2	steel copper-bonded to thickness of 0.250 mm, sealing-strengthening steel bush
C0000175	14.2	1.5	
C0000195	16.0	1.5	
C0000185	17.2	1.5	

\* for special orders we supply different rod lengths up to 3 m

