

Ground rod

~ Applications

Used to ground an overhead line.

~ Specifications

- Type

One type

- Structure

A piece of steel and a piece of cladding copper for a ground bar are finished as a single piece by drawing, with the lead wire attached to the upper section of the main body by compression.

- Materials (Materials equivalent to the following or better)

The steel material for the main body shall be SGD400-D specified in JIS G3123 (Cold finished steel bars) and the covered steel shall be C1220 specified in JIS H3300 (Copper and copper alloy seamless pipes and tubes).

Lead-wire-connection terminals shall be made of C1220 specified in JIS H3300 (Copper and copper alloy seamless pipes and tubes), and lead wires shall be those with a cross sectional area of 5.5 m² specified in JIS C3102 (Annealed copper wires for electrical purposes).

- Shapes and dimensions

The cross section shall be a circle with an outside diameter of 14 mm; the total length of the main body shall be 1500 mm.

The length of the lead wire shall be 350 mm.