

**PRODUCT DESCRIPTION**

UNI 304 stainless steel ground rods can be used for the geological conditions are relatively poor power plants, substations, line towers, communication base stations, airports, railways, oil refining plants, oil storage and other places of lightning protection and grounding, anti-static grounding, protective grounding, work grounding and so on.

The model has two bell:

1. single grounding rods; a tip of a flat, laid directly.
- 2.combined grounding rods; two with thread, by laying the ground rod connector body can determine the length of the ground according to soil conditions and ground resistance requirements of any.

**PRODUCT PARAMETER**

Material	SS304,SS201,SS316,SS316L
Tensile strength	≥520N/mm <sup>2</sup>
Straightness error	≤1mm/m
Service life	≥30years
Diameter	according to customer's requirement
Function	Used in grounding and lightning system
Type	Threaded or flat or pointed
Available service mode	OEM,ODM
Certificate	ISO9001:2008,CE,SGS

**PRODUCT SIZE**

**Copper-Bonded Ground Rod,Sectional:**

Product specifications	Diameter(mm)	Length(mm)	Weight(kg)	Packing(pc/bundle)
S304-φ14.2x1500	14.2	1500	1.87	10
S304-φ14.2x1800	14.2	1800	2.24	10
S304-φ14.2x2500	14.2	2500	3.1	7
S304-φ14.2x3000	14.2	3000	3.73	5
S304-φ16x1500	16	1500	2.37	10
S304-φ16x1800	16	1800	2.84	10
S304-φ16x2500	16	2500	3.94	7
S304-φ16x3000	16	3000	4.73	5
S304-φ17.2x1500	17.2	1500	2.73	10
S304-φ17.2x1800	17.2	1800	3.28	7
S304-φ17.2x2500	17.2	2500	4.56	5
S304-φ17.2x3000	17.2	3000	5.47	5
S304-φ18x1500	18	1500	3	10
S304-φ18x2500	18	2500	4.99	5
S304-φ18x3000	18	3000	5.99	5
S304-φ20x1500	20	1500	3.7	7
S304-φ20x2500	20	2500	6.16	5
S304-φ20x3000	20	3000	7.39	3

S304-φ25x1500	25	1500	5.78	7
S304-φ25x2500	25	2500	9.63	3
S304-φ25x3000	25	3000	11.55	3

Above is the common size, we also can do according to your requests. Please contact us to get to know more information about our products and service.

**PRODUCT ADVANTAGES**

1. good anti-corrosion: 304 stainless steel suitable for acid and alkali environment, with strong corrosion resistance under normal soil conditions, the service life of up to 30 years;
2. good mechanical properties: 304 stainless steel has excellent tensile properties;
3. adapt to the complex working environment: 304 stainless steel can work in high temperature cold regions, had little impact on the ground resistance change;
4. easy to install: suitable for mechanical and manual installation and the installation cost is low;

**PRODUCT INSTALLATION**

The installation of copper coated carbon electrode is very flexible ,both hammer and electric pick are ok .In the bad soil condition ,please drill and then install .

- 1.When installing the rod deeply with hammer , please fit the drilling head to protect copper layer and connect multi grounding rod with coupler ;
- 2.When installing the rod deeply in rock or other hard soil area with drilling tool ,please refer to below two choice:
  - 1).Before installing rod ,please drill hole and then fill bentonite and water full to reduce electric resistance
  - 2)Fill bentonite and water after installing the rods to reduce electric resistance