

## Threaded Earth rod / Threaded Earthing rods Threaded Ground rod / Threaded Grounding rods

Our range of Ground rod / Earth Rod also includes **Threaded Earth Rods / Threaded Ground rods**

Copper bonded earth rod are made from low carbon steel of grade BS 970 or AIS11018 with a high tensile strength of at least 600 N/mm<sup>2</sup>. Low carbon steel core are molecularly tended with 99.9% pure electrolytic copper.

### Salient Features

- Perfectly bonded rod will last longer, drive easier and will not crack.
- Corrosion resistance while providing the lowest resistance to ground.
- Threads are rolled by roll threading process, which ensures that when copper covers is maintained, at the root of the thread, Roll thread gives greater strength than cut thread.
- Thread rolling process raises the surface of the rod, so that Thread dia. (T) is greater than Shank dia. (S)

Dimension Rod Size (DIA x LENGTH)	Length in feet	Actual Rod Dia "S"	Thread Dia "T"	Product Code
9.5 x 1200 (UN - THREADED)	4	9.5	-	G11-350GR- 012
9.5 x 1800 (UN - THREADED)	6	9.5	-	G11-350GR- 018
14 x 1200	4	12	14	G11-350GR- 1412
14 x 1500	5	12	14	G11-350GR- 1415
14 x 1800	6	12	14	G11-350GR- 1418
14 x 2000	6.66	12	14	G11-350GR- 1420
14 x 2400	8	12	14	G11-350GR- 1424
5/8" x 4' or 16mm x 1200	4	14.2	5/8"	G11-350GR- 112
5/8" x 5' or 16mm x 1500	5	14.2	5/8"	G11-350GR- 115
5/8" x 6' or 16mm x 1800	6	14.2	5/8"	G11-350GR- 118
5/8" x 8' or 16mm x 2400	8	14.2	5/8"	G11-350GR- 124
5/8" x 10' or 16mm x 3000	10	14.2	5/8"	G11-350GR- 130
5/8" x 4' or 16mm x 1200	4	16	5/8"	G11-350GR- 312
5/8" x 5' or 16mm x 1500	5	16	5/8"	G11-350GR- 315
5/8" x 6' or 16mm x 1800	6	16	5/8"	G11-350GR- 318
3/4" x 4' or 19mm x 1200	4	17.2	3/4"	G11-350GR- 212
3/4" x 5' or 19mm x 1500	5	17.2	3/4"	G11-350GR- 215
3/4" x 6' or	6	17.2	3/4"	G11-350GR- 218



19mm x 1800				
3/4" x 8' or 19mm x 2400	8	17.2	3/4"	G11-350GR- 224
3/4" x 10' or 19mm x 3000	10	17.2	3/4"	G11-350GR- 230

Even though many of our products are standard items and of Standard BS Grade, we also make special tailor made products made exactly to the requirements of our customers in terms of Material Grade and Size.

A earth rod / Ground rod is an array of electrodes which is installed in the ground to provide a low resistance electrical path to ground or earth

In electrical engineering, ground or earth is the reference point in an electrical circuit from which other voltages are being measured or it is common return path for electric current or a direct physical connection to the Earth.

Electrical circuits may be connected to ground / earth for several reasons. In mains powered equipment, exposed metal parts are connected to ground or earth to prevent contact with a dangerous voltage if electrical insulation fails. Connections to ground, limit the build-up of static electricity when handling flammable products or electrostatic-sensitive devices.

For measurement purposes, the Earth serves as a reasonably constant potential reference against which other potentials can be measured. An electrical grounding / earthing system should have an appropriate current-carrying capability to serve as an adequate zero-voltage reference level.

In electronic circuit theory, a "ground" is usually idealized as an infinite source or sinks for charge, which can absorb an unlimited amount of current without changing its potential. Where a real ground connection has a significant resistance, the approximation of zero potential is no longer valid. Stray voltages or earth / ground potential rise effects will occur, which may create noise in signals or if large enough will produce an electric shock hazard.

#### Field Names:

**Threaded Earth rod, Threaded Earthing rods, Threaded Ground rod, Threaded Grounding rods, Threaded Stainless steel earth rod, Threaded Stainless steel Ground rod, Threaded Rod, Threaded Earth rods, Threaded Earthing rod, Threaded Ground rod, Threaded Grounding rod, Threaded Stainless steel earth rods, Threaded Stainless steel Ground rods, Threaded Rods.**

### Our Other products in Ground Rod / Earth Rod

S. no.	INDEX
01	<b>Ground Rod / Grounding Rod</b>
02	<b>Earth Rod / Earthing Rod</b>
03	<b>Copper Bonded Ground Rod (15 - 25 microns)</b>
04	<b>Copper Bonded Ground Rod (100 microns)</b>
05	<b>Copper Clad Ground Rod (150 microns)</b>
06	<b>Copper Clad Ground Rod (250 microns)</b>
07	<b>Copper Clad Earth Rod (350 microns)</b>
08	<b>Solid Copper Ground Rod (Pure Copper)</b>
09	<b>Stainless Steel Ground Rod</b>
10	<b>Galvanized coated Ground Rod</b>
11	<b>Threaded Ground Rod</b>
12	<b>Ground Rod Clamp</b>
13	<b>Earth Rod Clamps</b>
14	<b>Ground Rod Coupler</b>

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