

COPPER BONDED GROUNDING ROD

HEX copper bonded earth rod are made from low Carbon Steel of grade BS 970 or AISI 1018 with a high tensile strength of at least 600 N/mm². Low carbon steel core are molecularly bonded 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 an even copper covering is maintained, even 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).
- Copper Bonding Thickness - 25 Microns.



← Rod Dia. 'S'

← Thread Dia. 'T'

DIMENSIONS ROD SIZE (DIA x LENGTH)	ACTUAL ROD DIA. 'S' in MM	THREAD DIA. 'T' in MM	PRODUCT CODE
9.5 x 1200 (UN-THREADED)	9.5	-	HBR - 012
9.5 x 1800 (UN-THREADED)	9.5	-	HBR - 018
14 x 1200	12	14	HBR - 1412
14 x 1500	12	14	HBR - 1415
14 x 1800	12	14	HBR - 1418
14 x 2000	12	14	HBR - 1420
14 x 2400	12	14	HBR - 1424
5/8" x 4' or 16 mm x 1200	14.2	5/8"	HBR - 112
5/8" x 5' or 16 mm x 1500	14.2	5/8"	HBR - 115
5/8" x 6' or 16 mm x 1800	14.2	5/8"	HBR - 118
5/8" x 8' or 16 mm x 2400	14.2	5/8"	HBR - 124
5/8" x 10' or 16 mm x 3000	14.2	5/8"	HBR - 130
5/8" x 4' or 16 mm x 1200	16	5/8"	HBR - 312
5/8" x 5' or 16 mm x 1500	16	5/8"	HBR - 315
5/8" x 6' or 16 mm x 1800	16	5/8"	HBR - 318
3/4" x 4' or 19 mm x 1200	17.2	3/4"	HBR - 212
3/4" x 5' or 19 mm x 1500	17.2	3/4"	HBR - 215
3/4" x 6' or 19 mm x 1800	17.2	3/4"	HBR - 218
3/4" x 8' or 19 mm x 2400	17.2	3/4"	HBR - 224
3/4" x 10' or 19 mm x 3000	17.2	3/4"	HBR - 230

- Copper Bonding available above 25 Microns on request.
- HEX, also offers other sizes as per customer specification.

GROUNDING ROD/ACCESSORIES - THREADED RODS

COUPLER

Mtl. : Copper Alloys

Couplers are counter bored to completely enclose threads & protect from damage and corrosion.

Size mm	Product Code	Product Code	Product Code
	Brass	Al. Bronze	Gunmetal
14	HEC - 14	HEC - 15	HEC - 15G
16 or 5/8"	HEC - 16	HEC - 17	HEC - 17G
19 or 3/4"	HEC - 19	HEC - 20	HEC - 20G

DRIVING STUD

Mtl. : High Tensile Steel

These are used to drive the grounding Rod in the Ground.

Size (mm)	Product Code
14 mm	HDS - 14
5/8" or 16 mm	HDS - 16
3/4" or 19 mm	HDS - 19
1/2"	HDS - 12

ALLENKEY Type hardened Driving Stud available on request.

EMPIRE TRADING AGENCY(PVT)LTD
 NO.110, LAYARDS BROADWAY,
 COLOMBO 08,
 SRI LANKA.
 FAX : 011-2431180
 E-MAIL : empita@slt.lk
 WEB : www.empiretradingagency.lk
 TEL : 011 2433047, 011 2343701, 011 5330470-71,