

EARTHING ROD / GROUNDING ROD & FITTINGS



COPPER BONDED GROUNDING ROD / EARTH ROD

"ACE" copper bonded earth rod are made from low carbon Steel.

Earth Rods are molecularly bonded with pure 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 roof 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). As seen in figure :-



DIMENSION ROD SIZE (DIA x LENGTH)	ACTUAL ROD DIA "S"	THREAD DIA "T"	PROD. CODE COPPER BONDED	PROD. CODE SOLID COPPER
9.5 x 1200 (UN - THREADED)	9.5	-	ABR - 012	ACRT - 012
9.5 x 1800 (UN - THREADED)	9.5	-	ABR - 018	ACRT - 018
14 x 1200	12	14	ABR - 1412	ACRT - 1412
14 x 1500	12	14	ABR - 1415	ACRT - 1415
14 x 1800	12	14	ABR - 1418	ACRT - 1418
14 x 2000	12	14	ABR - 1420	ACRT - 1420
14 x 2400	12	14	ABR - 1424	ACRT - 1424
5/8" x 4' or 16mm x 1200	14.2	5/8"	ABR - 112	ACRT - 112
5/8" x 5' or 16mm x 1500	14.2	5/8"	ABR - 115	ACRT - 115
5/8" x 6' or 16mm x 1800	14.2	5/8"	ABR - 118	ACRT - 118
5/8" x 8' or 16mm x 2400	14.2	5/8"	ABR - 124	ACRT - 124
5/8" x 10' or 16mm x 3000	14.2	5/8"	ABR - 130	ACRT - 130
5/8" x 4' or 16mm x 1200	16	5/8"	ABR - 312	ACRT - 312
5/8" x 5' or 16mm x 1500	16	5/8"	ABR - 315	ACRT - 315
5/8" x 6' or 16mm x 1800	16	5/8"	ABR - 318	ACRT - 318
3/4" x 4' or 19mm x 1200	17.2	3/4"	ABR - 212	ACRT - 212
3/4" x 5' or 19mm x 1500	17.2	3/4"	ABR - 215	ACRT - 215
3/4" x 6' or 19mm x 1800	17.2	3/4"	ABR - 218	ACRT - 218
3/4" x 8' or 19mm x 2400	17.2	3/4"	ABR - 224	ACRT - 224
3/4" x 10' or 19mm x 3000	17.2	3/4"	ABR - 230	ACRT - 230
1" x 8' or 25mm x 2400	23.1	1"	ABR - 424	ACRT - 424
1" x 10' or 25mm x 3000	23.1	1"	ABR - 430	ACRT - 430

* Above Rod Can also be made as per customer specification.

* UL listed Rods are minimum 1/2" Dia. & 2400 mm in length.

* Available in various copper coating microns : 350, 250, 100 & more.

COUPLER

Material - Copper Alloy

Coupler are made from copper alloy & counter board to completely enclose threads, protecting them from damage & corrosion.

*Unthreaded Coupler available on request



SIZE	PROD. CODE BRASS	PROD. CODE AL.BRONZE
14mm	AC - 14	ACA - 14
5/8" or 16mm	AC - 16	ACA - 16
3/4" or 19mm	AC - 19	ACA - 19

DRIVING STUD

Material - High Tensile Steel

These are used to drive the Earth Rod to the Ground. Re-usable many times suitable for Power Hammering

*Unthreaded Driving Stud available on request



SIZE	PROD. CODE
1/2" or 12mm	AD-12
14mm	AD-14
5/8" or 16mm	AD-16
3/4" or 19mm	AD-19

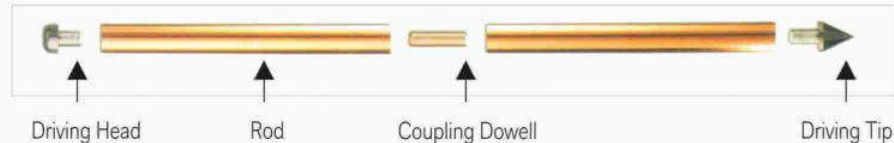
(Any dimensional changes are purely the result of our endeavor to constantly improve the efficiency of the product)

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SOLID COPPER ROD

"ACE" solid copper earth rod are made from 99.9% pure electrolytic copper. Solid Copper rods offer greater resistance to corrosion. They are ideally used in applications where soil conditions are very aggressive, for eg. soil with high salt content.

INTERNALLY THREADED



ROD DIA.mm	LENGTH	THREAD DIA	PROD. CODE
12	1200	M8	ACR - 1212
12.5	1200	M8	ACR - 12512
14	1200	M10	ACR - 1412
14	1500	M10	ACR - 1415
15	1200	M10	ACR - 1512
15	1500	M10	ACR - 1515
16	1200	M10	ACR - 1612
16	1500	M10	ACR - 1615
20	1200	M12	ACR - 2012
20	1500	M12	ACR - 2015

ACCESSORIES FITTINGS FOR SOLID COPPER ROD



SIZE	DRIVING HEAD	COUPLING DOWELL	DRIVING TIP
M 8	ADH - 8	ACD - 8	ADT - 8
M 10	ADH - 10	ACD - 10	ADT - 10
M 12	ADH - 12	ACD - 12	ADT - 12

MECHANICALLY COPPER CLADED GROUNDING ROD



Mechanically copper claded grounding rod is made when electrolytic grade 99.9% copper tube with wall thickness of 0.25 (250 microns) is claded to a low carbon steel rod. Even if the rod is bent by 45°, the copper tube should not peel out of the Steel rod.

* UL listed Rods are minimum 1/2" Dia. & 2400 mm in length.



ROD SIZE "S"	LENGTH(ft)	PROD. CODE
12	1200 (4 ft)	ACCR - 1412
12	1800 (6 ft)	ACCR - 1418
12	2400 (8 ft)	ACCR - 1424
14	1200 (4 ft)	ACCR - 112
14	1800 (6 ft)	ACCR - 118
14	2400 (8 ft)	ACCR - 124
16	1200 (4 ft)	ACCR - 312
16	1800 (6 ft)	ACCR - 318
16	2400 (8 ft)	ACCR - 324
16	3000 (10 ft)	ACCR - 330
19	1200 (4 ft)	ACCR - 412
19	1800 (6 ft)	ACCR - 418
19	2400 (8 ft)	ACCR - 424
19	3000 (10 ft)	ACCR - 430

GALVANISED STEEL EARTH ROD

Galvanised Steel Earth Rods are made up of high strength low carbon steel and hot dip galvanised. This design of the rod is actually cost effective option for earthing.



* Above rod can also be supplied as per customer specification.

ROD SIZE "S"	LENGTH	PROD. CODE
1/2" / 12.5 mm	1500 (5 ft)	AGR - 1215
1/2" / 12.5 mm	1800 (6 ft)	AGR - 1218
1/2" / 12.5 mm	2400 (8 ft)	AGR - 1224
5/8" / 14.2 mm	1800 (6 ft)	AGR - 1418
5/8" / 14.2 mm	2400 (8 ft)	AGR - 1424
5/8" / 14.2 mm	3000 (10 ft)	AGR - 1430
3/4" / 17.2 mm	2400 (8 ft)	AGR - 1724
3/4" / 17.2 mm	3000 (10 ft)	AGR - 1730
1" / 23.1 mm	3000 (10 ft)	AGR - 2330

(Any dimensional changes are purely the result of our endeavor to constantly improve the efficiency of the product)