

Galmar earthing system

GALMAR

Galmar vertical rods

Galmar vertical copper-bonded earth rods, threaded

They are made of molecularly bonded 99.9% pure electrolytic copper onto a low carbon steel core. The steel core is a bar drawn to the required diameter. Galmar rods are highly resistant to corrosion, and because the steel used has a high tensile strength 600 N/mm², they can be driven by vibrohammers to great depths. The copper jacket is 0.250 mm thick at all points and it ensures a life expectancy of greater than 30 years.

The threads at the tips of a rod are rolled after copper bonding process, and both steel and copper are rolled into the thread, making it exceptionally strong.

Connection of the rods using threaded coupling comply with the requirements of EN 50164-2, Lightning protection components (LPC). Requirements for conductors and earth electrodes".

Threaded earth rod dimensions

Type of thread	Diameter of rod	Length of thread	Rod length*		Material	Weight	Cat. no.
Inch	mm	mm	feet	m		kg	
1/2	12.8	30	4	1.2	steel	1.20	G100 01
			5	1.5	copper-bonded	1.50	G100 02
			6	1.8	to thickness	1.80	G100 03
			8	2.4	of 0.250 mm	2.40	G100 04
			10	3		3.00	G100 05
5/8	14.2	30	4	1.2		1.50	G100 11
			5	1.5		1.80	G100 12
			6	1.8		2.30	G100 13
			8	2.4		3.12	G100 14
			10	3		3.80	G100 15
3/4	17.2	34	4	1.2		2.20	G100 21
			5	1.5		2.75	G100 22
			6	1.8		3.40	G100 23
			8	2.4		4.35	G100 24
			10	3		5.44	G100 25

* for special orders we supply different rod lengths up to 3 m

Threaded coupling dimensions

Diameter of rod	Material	Weight	Cat. no.
Inch		kg	
1/2	brass	0.13	G104 01
5/8		0.12	G104 02
3/4		0.17	G104 03

Threaded coupling dimensions (hexagonal shape)

Diameter of rod	Material	Weight	Cat. no.
Inch		kg	
1/2	bronze	0.09	G104 11
5/8		0.08	G104 12
3/4		0.13	G104 13

