

Furse copperbond earth rods probably offer to the installer the best and most economical earth rods available. They are made by molecularly bonding 99.9% pure electrolytic copper onto a low carbon steel core.

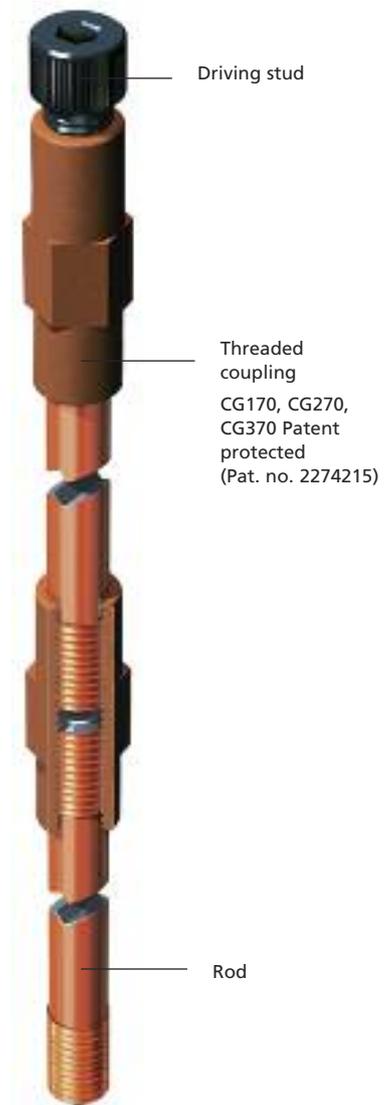
**Furse rods are not of the sheathed type.** They are highly resistant to corrosion, and because the steel used has a very high tensile strength, they can be driven by power hammers to great depths.

The counter-bored couplings are made from high copper content alloy, **commercial brass is not used.** This again ensures excellent corrosion resistance and high strength.

Copper thickness minimum 250 microns.

## Threaded copperbond earth rod

Nominal diameter	Length	Thread 'B'	Shank 'A'	Weight each	Part No.
½"	1200mm	⅝"	12.7mm	1.18kg	<b>RB105</b>
½"	1500mm	⅝"	12.7mm	1.55kg	<b>RB110</b>
½"	1800mm	⅝"	12.7mm	1.76kg	<b>RB115</b>
½"	2400mm	⅝"	12.7mm	2.36kg	<b>RB125<sup>†</sup></b>
⅝"	1200mm	⅝"	14.2mm	1.53kg	<b>RB205-FU</b>
⅝"	1500mm	⅝"	14.2mm	1.88kg	<b>RB210</b>
⅝"	1800mm	⅝"	14.2mm	2.29kg	<b>RB215</b>
⅝"	2100mm	⅝"	14.2mm	2.51kg	<b>RB220-FU</b>
⅝"	2400mm	⅝"	14.2mm	3.00kg	<b>RB225<sup>†</sup></b>
⅝"	3000mm	⅝"	14.2mm	3.79kg	<b>RB235<sup>†</sup></b>
¾"	1200mm	¾"	17.2mm	2.19kg	<b>RB305</b>
¾"	1500mm	¾"	17.2mm	2.73kg	<b>RB310</b>
¾"	1800mm	¾"	17.2mm	3.27kg	<b>RB315</b>
¾"	2100mm	¾"	17.2mm	3.83kg	<b>RB320-FU</b>
¾"	2400mm	¾"	17.2mm	4.35kg	<b>RB325<sup>†</sup></b>
¾"	3000mm	¾"	17.2mm	5.44kg	<b>RB335<sup>†</sup></b>



Copper thickness minimum 250 microns.



Earth rods to BS EN 50164-2, BS 7430  
Fittings to BS EN 50164-1

<sup>†</sup>UL467 (RB125, RB225, RB235, RB325, RB335)



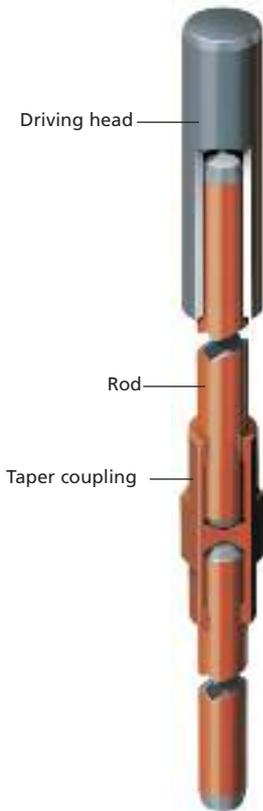
### Fittings

Type	Weight each	Part No.
½" Coupling	0.09kg	<b>CG170</b>
⅝" Coupling	0.08kg	<b>CG270<sup>†</sup></b>
¾" Coupling	0.13kg	<b>CG370<sup>†</sup></b>
½" Driving stud	0.05kg	<b>ST100</b>
⅝" Driving stud	0.08kg	<b>ST200</b>
¾" Driving stud	0.12kg	<b>ST300</b>



<sup>†</sup>UL467 (CG270, CG370)





## Unthreaded copperbond rod

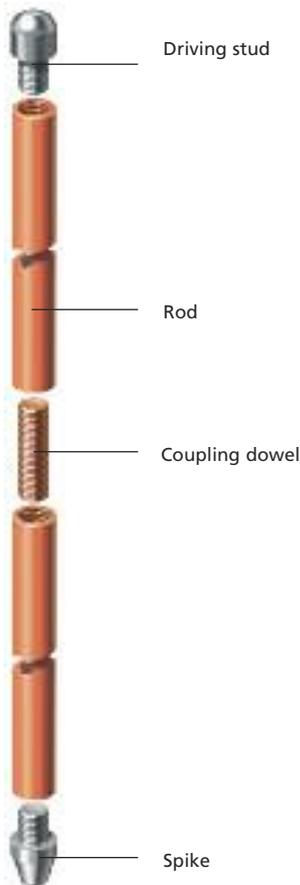
Diameter	Length	Weight each	Part No.	Diameter	Length	Weight each	Part No.
9.0mm	1200mm	0.62kg	RB005	14.2mm	2400mm	3.00kg	RB226
12.7mm	1200mm	1.18kg	RB103	14.2mm	3000mm	3.79kg	RB236
12.7mm	1500mm	1.55kg	RB107	17.2mm	1200mm	2.19kg	RB306
12.7mm	1800mm	1.76kg	RB116	17.2mm	1500mm	2.73kg	RB313
12.7mm	2400mm	2.36kg	RB126	17.2mm	1800mm	3.27kg	RB316
14.2mm	1200mm	1.53kg	RB203	17.2mm	2000mm	3.64kg	RB317
14.2mm	1500mm	1.88kg	RB213	17.2mm	2100mm	3.83kg	RB323
14.2mm	1800mm	2.29kg	RB216	17.2mm	2400mm	4.35kg	RB326
14.2mm	2000mm	2.51kg	RB217	17.2mm	3000mm	5.44kg	RB336
14.2mm	2100mm	2.68kg	RB223				

### Fittings

Type	Weight each	Part No.	Type	Weight each	Part No.
12.7mm Coupling	0.09kg	CG177	12.7mm Driving head	0.25kg	ST107
14.2mm Coupling	0.08kg	CG277	14.2mm Driving head	0.22kg	ST207
17.2mm Coupling	0.13kg	CG377	17.2mm Driving head	0.27kg	ST307



Earth rods to BS EN 50164-2, BS 7430, UL467



## Solid copper and stainless steel rods

### Solid copper rod

Furse solid copper earth rods offer greater resistance to corrosion. They are ideally used in applications where soil conditions are very aggressive, such as soils with high salt content.

Diameter	Length	Weight each	Part No.
15mm	1200mm	1.88kg	RC010
20mm	1200mm	3.34kg	RC015

### Fittings

Type	Weight each	Part No.
15mm Driving stud	0.02kg	ST010
20mm Driving stud	0.05kg	ST015
Coupling dowel for both sizes of above rods	0.02kg	CG013
15mm Spike	0.02kg	SP010
20mm Spike	0.04kg	SP015

### Copper rod kit

Diameter	Length	Weight each	Part No.
15mm	8ft	3.82kg	RC010-KIT <sup>†</sup>
20mm	8ft	6.79kg	RC015-KIT <sup>†</sup>

### Stainless steel rod

Stainless steel rods are used to overcome many of the problems caused by galvanic corrosion which can take place between dissimilar metals buried in close proximity.

Furse stainless steel earth rods are highly resistant to corrosion.

Diameter	Length	Weight each	Part No.
16mm	1200mm	1.87kg	RS005

### Fittings

Type	Weight each	Part No.
15mm Driving stud	0.02kg	ST010
Stainless steel coupling dowel	0.02kg	CG005
15mm Spike	0.02kg	SP010

### Stainless steel rod kit

Diameter	Length	Weight each	Part No.
16mm	8ft	3.80kg	RS005-KIT <sup>†</sup>

Kits include 2 x 1200mm rods, coupling dowel, driving stud and spike to make 8ft rod.

Connections to the rods can be by mechanical clamps, compression or by Furse's own "FurseWELD" exothermic welding system.



BS EN 50164-2,  
BS 7430, <sup>†</sup>UL467  
(RC010-KIT,  
RC015-KIT, RS005-KIT)

