

## COPPER BONDED STEEL GROUND RODS SECTIONAL AND TAPERED

### KEY FEATURES

- High strength steel core with molecularly bonded 99.9 % pure copper layer
- Excellent coating adhesion - remains intact when driven or bent
- Couplings available for both tapered and sectional ground rods
- Length: 4, 5, 6, 8, 10 feet (customization possible)
- Sizes: 1/2", 5/8" & 3/4"
- Copper plating thickness of 10 and 13 mil
- Ground rod clamps available for all rod sizes

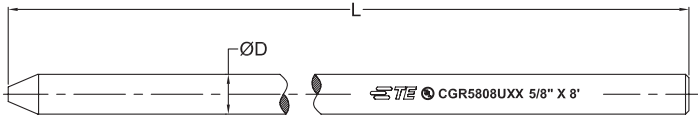
TE Connectivity's (TE) ground rods are a key component in an electrical grounding installation which dissipates any fault current safely into surrounding ground and helps prevent damage to facility, equipment and shock hazards to people and livestock in vicinity. Ground rods are also used to control voltage distribution in the ground for step and touch voltage mitigation.

The ground rods are manufactured from high strength steel which allows the rods to be driven deep into earth. The thickness of the copper layer is minimum 10 mil for all cUL Listed rods which also ensures adequate corrosion protection for the rod.

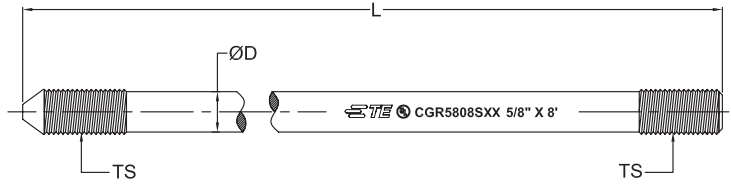
Ground rods of lengths 8 and 10 feet are cUL Listed and qualified consistently for coating thickness, adhesion and bend test as stipulated by UL 467.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**

# Copper Bonded Steel Ground Rods Sectional and Tapered



Tapered



Sectional

## HOW TO ORDER

Ground Rod Type/Material	Code
Copper Clad Steel Ground Rod	CGR

Diameter for CuClad	Code
Full 1/2" diameter	12
Nominal 5/8" diameter	58
Nominal 3/4" diameter	34

Length	Code
4' long	04
5' long	05
6' long	06
8' long	08
10' long	10

End Type	Code
Tapered (unthreaded)	U
Sectional (threaded)	S

Cu thickness	Code
10 mil plating	10
13 mil plating	13

TAPERED ROD					
TE Product Code	Nominal Diameter (In)	Length L Ft (m)	Plating Thickness mil	Actual Diameter ØD in (mm)	Weight per rod lb (Kg)
CGR1204U10	1/2	4 (1.22)	10	0.5 (12.7)	2.73 (1.24)
CGR1205U10	1/2	5 (1.5)	10	0.5 (12.7)	3.39 (1.54)
CGR1205U13	1/2	5 (1.5)	13	0.5 (12.7)	3.39 (1.54)
CGR1206U10	1/2	6 (1.8)	10	0.5 (12.7)	4.08 (1.85)
CGR1208U10*	1/2	8 (2.4)	10	0.5 (12.7)	5.40 (2.45)
CGR1210U10*	1/2	10 (3.05)	10	0.5 (12.7)	6.75 (3.06)
CGR5804U10	5/8	4 (1.22)	10	0.56 (14.2)	3.37 (1.53)
CGR5805U10	5/8	5 (1.5)	10	0.56 (14.2)	4.23 (1.92)
CGR5806U10	5/8	6 (1.8)	10	0.56 (14.2)	5.07 (2.3)
CGR5808U10*	5/8	8 (2.4)	10	0.56 (14.2)	6.83 (3.1)
CGR5808U13*	5/8	8 (2.4)	13	0.56 (14.2)	6.83 (3.1)
CGR5810U10*	5/8	10 (3.05)	10	0.56 (14.2)	8.51 (3.86)
CGR5810U13*	5/8	10 (3.05)	13	0.56 (14.2)	8.51 (3.86)
CGR3404U10	3/4	4 (1.2)	10	0.68 (17.3)	5.05 (2.29)
CGR3405U10	3/4	5 (1.5)	10	0.68 (17.3)	6.26 (2.84)
CGR3406U10	3/4	6 (1.8)	10	0.68 (17.3)	7.47 (3.39)
CGR3408U10*	3/4	8 (2.4)	10	0.68 (17.3)	10.05 (4.56)
CGR3408U13*	3/4	8 (2.4)	13	0.68 (17.3)	10.05 (4.56)
CGR3410U10*	3/4	10 (3.05)	10	0.68 (17.3)	12.65 (5.74)
CGR3410U13*	3/4	10 (3.05)	13	0.68 (17.3)	12.65 (5.74)

SECTIONAL ROD						
TE Product Code	Nominal Diameter (In)	Length L Ft (m)	Plating Thickness (mil)	Actual Diameter ØD in (mm)	Thread Size TS (UNC)	Weight per rod lb (Kg)
CGR1204S10	1/2	4 (1.22)	10	0.5 (12.7)	9/16	2.75 (1.25)
CGR1205S10	1/2	5 (1.5)	10	0.5 (12.7)	9/16	3.42 (1.55)
CGR1206S10	1/2	6 (1.8)	10	0.5 (12.7)	9/16	4.08 (1.85)
CGR1208S10*	1/2	8 (2.4)	10	0.5 (12.7)	9/16	5.49 (2.49)
CGR1210S10*	1/2	10 (3.05)	10	0.5 (12.7)	9/16	6.85 (3.11)
CGR5804S10	5/8	4 (1.22)	10	0.56 (14.2)	5/8	3.44 (1.56)
CGR5805S10	5/8	5 (1.5)	10	0.56 (14.2)	5/8	4.23 (1.92)
CGR5806S10	5/8	6 (1.8)	10	0.56 (14.2)	5/8	5.07 (2.3)
CGR5808S10*	5/8	8 (2.4)	10	0.56 (14.2)	5/8	6.83 (3.1)
CGR5808S13*	5/8	8 (2.4)	13	0.56 (14.2)	5/8	6.83 (3.1)
CGR5810S10*	5/8	10 (3.05)	10	0.56 (14.2)	5/8	8.53 (3.87)
CGR5810S13*	5/8	10 (3.05)	13	0.56 (14.2)	5/8	8.53 (3.87)
CGR3404S10	3/4	4 (1.2)	10	0.68 (17.3)	3/4	5.05 (2.29)
CGR3405S10	3/4	5 (1.5)	10	0.68 (17.3)	3/4	6.26 (2.84)
CGR3406S10	3/4	6 (1.8)	10	0.68 (17.3)	3/4	7.47 (3.39)
CGR3408S10*	3/4	8 (2.4)	10	0.68 (17.3)	3/4	10.07 (4.57)
CGR3410S10*	3/4	10 (3.05)	10	0.68 (17.3)	3/4	12.54 (5.69)

### Example

Sectional	CGR5808S10	CuClad Steel Grd Rod, 5/8" x 8' long, sectional, 10 mil
Tapered	CGR5808U13	CuClad Steel Grd Rod, 5/8" x 8' long, tapered, 13 mil

\* cUL listing applies only to rods of length 8' and 10' long

Packaging: Sub-bundles of 10 rods and main bundle of 100 rods



File # KDER7.E358300

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