

Ground Rods

Galvanized Ground Rods



- Made of high-strength quality cold drawn steel (1035) hot dip galvanized
- Meets ANSI C135.30-1979 requirements
- Stainless steel rods are also available (for more detailed information, contact your T&B Regional Sales Office)

Cat. No.	Trade Size		Rod Size (nominal diameter x length)		Plating Thickness	Standard Packaging	Weight per 100	
	in.	ft.	mm	m			lb.	kg
GR5006	1/2	6	12.7	1.8	4 mils	10	410	186
GR6256				1.8			600	272
GR6258 (0.620 – 0.630)	5/8	8	15.8	2.4		5	800	363
GR6250 (0.555 – 0.565)				10			3.0	1000
GR6260 (0.620 – 0.630)								
GR6250B* (0.555 – 0.565)								
GR7506	3/4	6	19.0	1.8			700	318
GR7508 (0.745 – 0.755)		8		2.4		1200	545	
GR7510 (0.745 – 0.755)		10		3.0		1500	681	

* B suffix denotes black iron bare steel ground rod (CSA not applicable).
CSA lists rods 1/2 in. and larger, 10 ft. and longer.

Copper Bonded Steel Ground Rods



- All E-Z-Ground® ground rods have a heavy uniform covering of electrolytic copper bonded to a rigid steel core
- Copper ions are forced electrically to join with the steel core, establishing a corrosion-resistant bond between the copper and the steel

Cat. No.	Trade Size		Rod Size (nominal diameter x length)		Plating Thickness	Standard Packaging	Weight per 100		
	in.	ft.	mm	m			lb.	kg	
5005	1/2	5	12.7	1.8	5 mils	10	305	138	
5006		6		370			168		
5008		8		545		247			
5010		10		611		277			
6256	5/8	6	15.8	3.0		5	508	230	
6258*		8		678			308		
6260*		10		847			384		
7508*	3/4	8	19.0	2.4			10 mils	992	450
7510*		10		1240				462	
1010*		1		2248		1020			

* Ground rods are UL Listed (425H), except for regular rods shorter than 8 ft. or less than 1/2 in. CSA lists rods 1/2 in. and larger, 10 ft. and longer.

Knurling Dies for 14- & 15-Ton Tools

Cat. No.	Description
15508SS	For 5/8 in. and 3/4 in. ground rods

Used to knurl ground rods in order to increase the pullout value of the compression connection by as much as 20%.



Hand Knurling Tool
for all Ground Rods

240-31565-94

Ground Rods

Sectional type Ground Rods



- Sectional type ground rods have the same high-quality as regular copper bonded steel ground rods and are threaded top and bottom



Cat. No.	Trade Size		Rod Size (nominal diameter x length)		Plating Thickness	Thread Size	Standard Packaging	Weight per 100	
	in.	ft.	mm	m				lb.	kg
5008LS	1/2	6	15.8	1.8	10 mils	9/16-12	5	546	248
5010LS		8		2.4				682	309
6258S	5/8	8		3.0	10 mils	5/8-11		670	308
6260S		10	837					384	
7506S	3/4	6	19.0	1.8	5 mils	3/4-10		774	160
7508S		8		2.4				992	450
7510S		10		3.0			1040	562	
1010S	1	10	25.4	3.0	10 mils	8-1	1	2248	1020

CSA lists rods 1/2 in. and larger, 10 ft. and longer.

Couplings

- Threaded couplings are made of high-strength, corrosion resistant alloy. Streamlined design reduces driving friction. Couplings are tapped for use on all standard threaded sectional rods



Cat. No.	Rod Size Diameter (in.)	Thread Size	Standard Packaging	Weight per 100 (lb.)
50LC	1/2	9/16 in. - 12 UNS	25	17
60C	5/8	5/8 in. - 11 UNS		25
70C	3/4	3/4 in. - 10 UNS		38
80C	1	1 - 8 UNS	10	75

Driving Studs

- Driving Studs of high-strength steel
- May be used with all standard threaded couplings



Cat. No.	Rod Size Diameter (in.)	Thread Size	Standard Packaging	Weight per 100 (lb.)
50LDS*	1/2	9/16 in. - 12 UNS	10	16
60DS*+	5/8	5/8 in. - 11 UNS	25	23
70DS*	3/4	3/4 in. - 10 UNS	5	35
80DS	1	1 - 8 UNS	10	75

* UL Listed
+ CSA Certified

Ground Rods

Threadless Couplings and Driving Caps for Standard Copper Bonded Ground Rods

Threadless Couplings

- For joining non-threaded, sectional, copper bonded, steel ground rods
- Coupling is manufactured of a high-strength, corrosion resistant, silicone bronze

Threadless Driving Caps

- Prevent “mushrooming” of ground rod while driving to insure proper fit of coupling
- Driving cap is manufactured of high-strength, hardened steel



Cat. No.	Size (in.)	Dimensions (in.)		Standard Packaging	Weight per 100 (lb.)
		Length	Diameter		
Threadless couplings					
50CNT	1/2	3.0	0.78	25	34
60CNT2	5/8	2.5	0.69		
70CNT	3/4	3.0	0.97		
Driving Caps					
60DSNT *	5/8	4.0	0.88	10	43

* UL not applicable