

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	454
GR6260 (0.620 - 0.630)								700	318
GR6250B* (0.555 - 0.565)									
GR7506	3/4	6	19.0	1.8		10	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		25.4			3.0	2248

* Ground rods are UL Listed, 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	1.8	5 mils	3/4-10	774		160	
7508S		8	2.4	10 mils		992		450	
7510S		10	3.0	10 mils		1040	562		
1010S	1	10	25.4	3.0		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