Ground rods

Galvanized ground rods

- Made of high-strength quality cold-drawn steel (1035) hot dip galvanized
- Meets ANSI CI35.30-1979 requirements
- Stainless steel rods are also available (for more detailed information, contact your ABB regional sales office)

	Trade size		Rod size (nominal diameter x length)		Plating thickness		Weight per 100	
Cat. no.	in.	ft.	mm	m	(mils)	Standard packaging	lb	kg
GR5006	½	6	12.7	1.8	4	10	410	186
GR6256	⅝	6	15.8	1.8	4	5	600	272
GR6258 (0.620 – 0.630)	⅝	8	15.8	2.4	4	5	800	363
GR6250 (0.555 – 0.565)	⅝	10	15.8	3.0	4	5	1,000	454
GR6260 (0.620 – 0.630)	⅝	10	15.8	3.0	4	5	1,000	454
GR7506	¾	6	17.3	1.8	4	5	700	318
GR7508 (0.745 – 0.755)	¾	8	17.3	2.4	4	5	1,200	545
GR7510 (0.745 – 0.755)	¾	10	17.3	3.0	4	5	1,500	681

Copper-bonded steel ground rods

- All EZGround 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

	Trade size		Rod size (nominal diameter x length)		Plating thickness		Weight per 100	
Cat. no.	in.	ft.	mm	m	(mils)	Standard packaging	lb	kg
5005	½	5	12.7	1.5	10	10	305	138
5006	½	6	12.7	1.8	10	5	370	168
5008	½	8	12.7	2.4	10	5	545	247
5010	½	10	12.7	3.0	10	5	611	277
6256	⅝	6	15.8	1.8	10	5	508	230
6258*	⅝	8	15.8	2.4	10	5	678	308
6260*	⅝	10	15.8	3.0	10	5	847	384
7508*	¾	8	17.3	2.4	10	5	992	450
7510*	¾	10	17.3	3.0	10	5	1,240	462
1010*	1	10	25.4	3.0	10	1	2,248	1,020

* Ground rods are UL listed (425H), except for regular rods shorter than 8 ft. or less than ½ in.
cULus lists rods ½ in. and larger, 10 ft. and longer.

Knurling die for 14- and 15-ton tools

Cat. no.	Description
15508SS	For ⅝ in. and ¾ in. ground rods

Used to knurl ground rods in order to increase the pullout value of the compression connection by as much as 20%. Use hand knurling tool cat. no. 240-31565-94 for all ground rods.

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

	Trade size		Rod size (nominal diameter x length)		Plating thickness			Weight per 100	
Cat. no.	in.	ft.	mm	m	(mils)	Thread size	Standard packaging	lb	kg
5008LS	½	8	12.7	2.4	10	9/16–12	5	546	248
5010LS	½	10	12.7	3.0	10	9/16–12	5	682	309
6258S	⅝	8	15.8	2.4	10 mils	⅝–11	5	670	308
6260S	⅝	10	15.8	3.0	10 mils	⅝–11	5	837	384
7506S	¾	6	17.3	1.8	5 mils	¾–10	5	774	160
7508S	¾	8	17.3	2.4	10 mils	¾–10	5	992	450
7510S	¾	10	17.3	3.0	10 mils	¾–10	5	1,040	562
1010S	1	10	25.4	3.0	10 mils	8–1	1	2,248	1,020

cULus lists rods ½ 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 (UNS)	Standard packaging	Weight per 100 (lb)
50LC	½	9/16 po – 12	25	17
60C	⅝	⅝ po – 11	25	25
70C	¾	¾ po – 10	25	38
80C	1	1 – 8	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 (UNS)	Standard packaging	Weight per 100 (lb)
50LDS*	½	9/16 in. – 12	10	16
60DS*+	⅝	5/8 in. – 11	25	23
70DS*	¾	3/4 in. – 10	5	35
80DS	1	1 – 8	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 silicon bronze

Threadless driving caps

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

		Dimensions (in.)			
Cat. no.	**Size (in.)**	**Length**	**Diameter**	**Standard packaging**	**Weight per 100 (lb)**
Threadless couplings					
50CNT	½	3.0	0.78	25	34
60CNT2	⅝	2.5	0.69	25	34
70CNT	¾	3.0	0.97	25	31
Driving caps					
60DSNT *	⅝	4.0	0.88	10	43

* UL not applicable