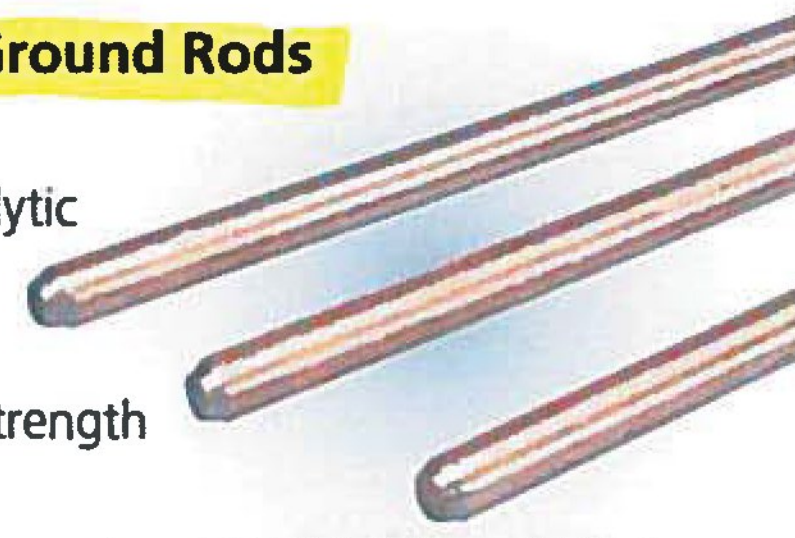


# Ground Rods and Couplers

## Copper-Bonded Ground Rods Pointed Rods

- 99.9% pure electrolytic copper coating
- Molecular bond to nickel-sealed high strength steel core
- Tensile strength greater than 80,000 PSI on 1/2" & 90,000 PSI on 5/8" and 3/4"
- Minimum copper coating of 10 mils on rods listed to UL® 467
- Legibly marked with manufacturer's ID and catalog designation
- Manufactured to exceed the requirements of ANSI®/NEMA® GR1



Part No.	Nominal Diameter (in)	Length (ft)	Plating Thickness (mils)	Weight per 100 rods (lbs)	Standard Bundle
613840**	3/8	4	10	135	5
613880**	3/8	8	10	270	5
611380	1/2	8	10	553	5
615880	5/8	8	10	680	5
615883	5/8	8	13*	680	5
613480	3/4	8	10	1,000	5
613483	3/4	8	13*	1,000	5
611300	1/2	10	10	738	5
615800	5/8	10	10	844	5
615803	5/8	10	13*	844	5
613400	3/4	10	10	1,240	5
614400	1	10	10	2,204	5
615812	5/8	12	10	1,000	5
613412	3/4	12	10	1,480	5
615815	5/8	15	10	1,275	5
613415	3/4	15	10	1,850	5

\* 13 mils of copper meet specifications of RUS.  
 \*\* Non-UL listed rods.  
 † Additional lengths available.

## Threadless Compression Couplers for Copper-Bonded Pointed Rods

- Made of high-strength silicon bronze
- Tapered so when rod is driven into coupling, parts compress to form a conductive connection
- UL & CSA® Listed



Part No.	Nominal Rod Diameter (in)	Unit Weight (lbs)	Unit Weight (kg)	Standard Package
CC12F	1/2 (full)	0.240	0.108	25
CC58	5/8	0.300	0.134	25
CC34	3/4	0.450	0.202	25

## Steel Driving Sleeves for Pointed Rods\*



- Slides on top of ground rod to prevent mushrooming while driving into ground

Part No.	Ground Rod Size (Unthreaded)	Standard Package
B13714	1/2" Copper-Bonded or Steel rod	1
B13716	5/8" Copper-Bonded rod (.563" diameter)	1
B13731	5/8" Steel rod (.625" diameter)	1
B13718	3/4" Copper-Bonded rod (.682" diameter)	1
B13733	3/4" Steel rod (.750" diameter)	1
B13722	1" Copper-Bonded rod (.914" diameter)	1
B13737	1" Steel rod (1.00" diameter)	1

\*For unthreaded ground rods only.

## Economical Sleeves for 5/8" Copper-Bonded, Pointed Rods

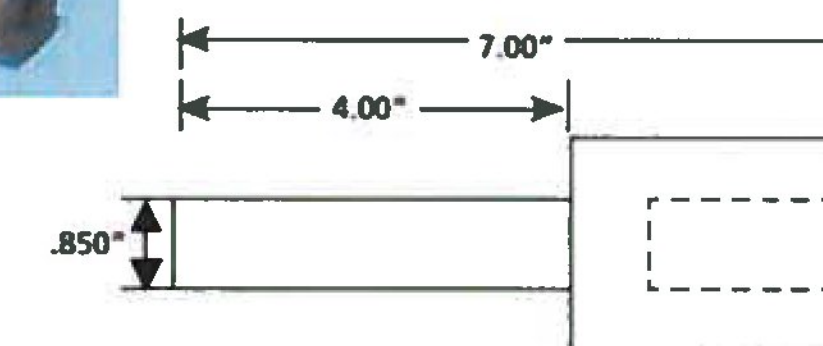


Part No.	Ground Rod Size	Standard Package
ED558	5/8" Copper-Bonded Rods (.563" diameter)	1

## Driving Heads For Copper-Bonded Pointed Rods



- For use in power assisted ground rod drivers



Part No.	Ground Rod Size	Standard Package
DH58	5/8" Copper-Bonded Rods (.563" diameter)	1
DH34	3/4" Copper-Bonded Rods (.682" diameter)	1

TranSystems		Vermont Agency of Transportation Lyndon STPG SGNL(48) Project
<input checked="" type="checkbox"/>	Approved	Fabrication/Installation may be undertaken
<input type="checkbox"/>	Approved as Corrected	Approval provided comments are incorporated
<input type="checkbox"/>	Correct, Revise and Resubmit	Fabrication/Installation MAY NOT be undertaken
<input type="checkbox"/>	No Action Taken	
Review / approval does not relieve the contractor from complying with all the requirements of the contract		