



NTC WIND ENERGY

**A Division of J.W. Bruce & Company, LLC.
Ironclad™ Foundation Anchor Bolt Caps • Bolt Tensioning
Post Office Box 2280, Boerne, TX 78006
Toll Free 1-800-359-0372**

Thank you for purchasing NTC Wind Energy's patented Iron Clad™ bolt caps, the standard in bolt caps for the wind industry. These caps are made of UV resistant HDPE, manufactured specifically for the make and size of your foundation anchor bolts. Our caps are intended to fit tightly, but can be removed for retensioning by firmly pulling the caps up or using a cap puller, which is available for purchase. Do not remove the caps by prying them up, as this will permanently damage the sealing surface.

Bolt caps are intended to prevent the grease applied to the metal components from dissipating by protecting it from the environment. (Please note – the quality and coverage of grease is essential for protection from corrosion.) We sell and recommend the use of Corrosion Block™ grease, which is also used by the military in corrosive environments.

Directions for Installation:

Apply grease liberally to the dry rod by hand or by using our patented grease applicator. We recommend applying grease to the nut and washer as well. Once the metal is completely coated with grease, lightly tap the caps down over the nut, using a 2-inch ID PVC pipe, until the bottom skirt (seal) makes positive contact with the tower flange. It is best not to hit the top of the cap with a mallet or hammer, as this could damage the cap. Do not drive the cap down to the point that the skirt is crushed. Rather, tap the cap down until you see the skirt compress slightly, signifying that the cap is down and a seal formed. Please be certain that the bolts are completely dry before greasing or capping and that the nut is free of heavy rust, concrete or grout, which may interfere with the precise fit of the cap.

NTC Wind Energy provides grease and cap installation services as well. For additional information, please call Joe Bruce 1-800-359-0372.

Once again, thank you for your interest in NTC Wind Energy's Iron Clad™ bolt caps. We appreciate your business.

Best regards,
Joe Bruce
J.W. Bruce & Company, LLC.
dba NTC Wind Energy
www.NTCWind.com
1-800-359-0372