

POINT ANCHOR SYSTEM



Tension Rebar

Minova's Tension Rebar Bolt offers precise tension and significant cost savings. Where better beam-building is needed, the Tension Rebar Bolt System has strength characteristics of 5, 10 and 15 tons. This exceptional support, installed in a 1" hole, allows for dramatic savings in resin and is available with a variety of tension nuts, with right- or left-hand spin.

Installation Procedures:

1. Drill hole at proper diameter and depth.
2. Make depth 1" longer than the bolt.
3. Insert appropriate Minova resin cartridge.

4. Insert Tension Rebar Bolt and Bearing Plate to within 1/16" to 1/8" of roofline.
5. Rotate bolt to ensure complete mixing of resin.
6. Stop rotation.
7. For specified resin set time, hold bolt in place.
8. Torque bolt to pre-determined torque in accordance with approved roof control plan.

Consult your Minova Technical Sales Representative for specific mixing and hold requirements.

Specifications:

Minova's Tension Rebar Bolt indicates precise tension for roof support.

Bar Diameter & Grade	Min Yield	Min Tensile	Borehole	ft-lbs
#5 (16 mm) Gr60	13,600 lbs	20,300 lbs	1"	125 - 225
#6 (19 mm) Gr40	13,400 lbs	23,400 lbs	1"	125 - 225
#6 (19 mm) Gr60	20,000 lbs	30,100 lbs	1"	150 - 275
3/4" SRD Gr75	25,100 lbs	33,400 lbs	1"	175 - 300
#7 (22 mm) Gr40	18,500 lbs	32,300 lbs	1-1/8", 1-3/8"	175 - 300
#7 (22 mm) Gr60	27,700 lbs	41,600 lbs	1-1/8", 1-3/8"	200 - 350
7/8" SRD Gr75	34,700 lbs	46,200 lbs	1", 1-1/8", 1-3/8"	250 - 375



Solutions from Materials Technology



Minova USA Inc. Products

Bolts and Plates

Anchoring Products

Pumpable Cementitious Grouts

Airtite® Sealants and Coatings

Chemical Grouts

Manufactured and sold under license from Minova International Limited.

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Important Note: Warranty

Minova USA Inc. warrants that its products, at the time of shipment, conform to the applicable descriptions set forth in the invoice and are free from defects in material and workmanship. NO OTHER WARRANTY, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING ANY WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE, SHALL EXIST IN CONNECTION WITH THE SALE OR USE OF ANY MINOVA USA INC. PRODUCT, AND ALL SUCH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED AND EXCLUDED.

All claims under this warranty must be made in writing to Minova USA Inc. within 15 days after discovery of the defect, and within 90 days of the date of shipment by Minova USA Inc. of the product claimed defective. Upon timely receipt of a claim, Minova USA Inc. shall have the option either to inspect the product while in Buyer's possession or to request Buyer to return the product to Minova USA Inc. for inspection. Claims not made as provided above and within the applicable time period will be barred. All warranties shall be null and void if the products have not been stored and used in accordance with procedures recommended by Minova USA Inc.

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