

TENSIONABLE SYSTEM

CONTINUOUS THREAD BOLT

Minova's Continuous Thread Bolts have been designed to take the worry out of complex bolting in both civil and mining applications. This versatile bolt can be used for roof/rib support, tunneling, and slope stabilization support projects.

Minova's Continuous Thread Bolts work much like Minova's Tension Rebar Bolts but have the added benefit of being able to be mix the resin and be torqued in the same rotation direction. Additionally, unlike the Tension Rebar Bolt, the Continuous Thread Bolt is threaded the entire length of the bar, which allows for more versatility if roof control plans change down the road.

The Continuous Thread Bolt is available as a one-piece bolt and as a two-piece bolt.

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 Continuous Thread 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 (ASTM Grade 75)

| Bar Diameter | Min Yield | Min Tensile | Borehole | Plate |
|--------------|------------|-------------|----------------|----------|
| #6 (19 mm) * | 33,000 lbs | 44,000 lbs | 1" | Gr3, Gr4 |
| #7 (22 mm) * | 45,000 lbs | 60,000 lbs | 1-1/8", 1-3/8" | Gr3, Gr4 |
| #8 (25 mm) * | 59,250 lbs | 79,000 lbs | 1-3/8" | Gr4, Gr5 |



APPROVALS AND CERTIFICATES



an ISO 9001:2015
Quality Management System Certified Company.

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ADDITIONAL DOCUMENTATION

Started more than 135 years ago, Minova is a global manufacturer and supplier of chemical and mechanical earth control products and support equipment. With manufacturing plants on five continents and operations in more than 25 countries, Minova is an industry-leading provider of ground support solutions for the underground mining, construction and energy industries.

If further information is required consult Minova Americas website: www.minovaglobal.com.

- Steel Bolts, Plates, Other Steel Articles Safety Data Sheet (SDS)
- Minova Guide to Rock Bolting
- Minova Chemicals, Polymers & Steel Application Guide

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