

CABLE SYSTEMS

CABLE BOLT

VERSATILITY AND REMARKABLE PERFORMANCE

Natural movement in rock strata can threaten a safe work environment. Minova’s Cable Bolts are designed to perform despite lateral strata movement. Cable Bolts incorporate much higher strength than traditional bolts with incomparable flexibility to adjust to the movement of the earth’s strata.

Cable Bolts are applicable where standard ground support is marginal or inadequate. Common application areas include, tailgates, bleeders, recovery rooms, set-up rooms, headgates, intersections and other mine areas where additional support is indicated.

Minova leads the way with low profile cable bolt technology.

- Uses existing bolting equipment
- Reduces or eliminates the need for expensive cribbing or standing supports
- Available in long one-piece fixtures in any seam height
- Lowers costs by enhancing ventilation
- Strengthens and reinforces roof structures



SPECIFICATIONS:

Material	Strand	Borehole	Ultimate Load	Patent
0.6" Gr270K	Bright, Galvanized	1", 1-3/8"	Approximately 30 tons	5,230,589 and 5,259,703
0.7" Gr270K	Bright, Galvanized	1", 1-3/8"	Approximately 40 tons	

Required resin and Cable Bolt length are determined by testing.

SIGNIFICANT ADVANCEMENT IN ROOF SUPPORT TECHNOLOGY

- Available in two diameters
- Galvanized strand is available for applications where stand times are greater than one year
- Minova’s exclusive bulbing system provides improved resin mixing and anchorage

- Available in passive or post-tensioned systems

INSTALLATION PROCEDURES

1. Drill hole at proper diameter and depth.
2. Insert appropriate Minova resin cartridge. It is critical that resin cartridges are inserted all the way to the top of the borehole before cartridges are broken. This is accomplished by pushing the cartridge with the Cable Bolt by hand.
3. Rotate Cable Bolt to the top of the borehole. It may be necessary to push Cable Bolt by hand (or with the bolting machine) before bolt head can be inserted into spin-in wrench.
4. Once the Bearing Plate is within ¼" of the roof, spin bolt to ensure complete mixing of resin. Rotate the cable in the clockwise direction only.
5. Stop rotation.
6. Apply full thrust with bolting machine and hold constant until resin sets.

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

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

MANUFACTURER

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