

# MINOVA CABLE BOLT

VERSATILITY AND REMARKABLE PERFORMANCE



## DESCRIPTION

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.

## ADVANTAGES

- > 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

## 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

## TECHNICAL PROPERTIES

MATERIAL	STRAND	BOREHOLE	ULTIMATE LOAD	PATENT
0.6" Gr270K	Bright, Galvanized	1", 1-3/8"	Approx. 30 Tons	5,230,589 and 5,259,703
0.7" Gr270K	Bright, Galvanized	1", 1-3/8"	Approx 40 Tons	

Required Resin and Cable Bolt length are determined by testing

## INSTALLATION PROCEDURES

1. Drill hole at proper diameter and depth.
2. Insert appropriate Minova resin capsule. It is critical that resin cartridges are inserted all the way to the top of the borehole before capsules are broken. This is accomplished by pushing the capsule 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.

## TECHNICAL SUPPORT

We provide technical advisory service by a team of specialists in the field. The service includes on site assistance and advice on evaluation trials and laboratory work.

## MANUFACTURER

### Minova USA Inc

An ISO 9001:2015

Quality Management Certified Company  
Certificate No. FM 686583

Original Registration Date: 1995-02-15  
Expiry Date: 2028-02-14



## CUSTOMER SERVICE

Minova USA Inc

150 Summer Court

Georgetown, Kentucky

KY 40324

Email: [minovana.customerservice@minovaglobal.com](mailto:minovana.customerservice@minovaglobal.com)

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