

# FRICITION ROCK ANCHOR



## Friction Bolt

### *Improving Rock Stability*

Minova's Friction Bolt improves rock stability and safety factors by tightening as lateral strata movement occurs. The Friction Bolt is primarily used in metalliferous mining operations, but is also well suited for rib support in coal operations. Minova's Friction Bolt is available in two sizes: 33 mm and 39 mm.

#### **Strength and Versatility**

Minova's Friction Bolt is manufactured from high-strength steel.

For increased protection against corrosion, the Friction Bolt is available in galvanized and stainless steel.

#### **Installation Procedure:**

1. Drill hole at proper diameter and depth. Diameter is determined by on-site testing.
2. Insert Friction Bolt into the hole. A driving tool is fitted into the rock drill's chuck. Place Friction Bolt and plate onto the installation tool.
3. Using percussion and thrust, fully drive the Friction Bolt into the hole until the Dome Plate is tight against the rock surface.

#### **Specifications:**

Size	Nominal Drill Hole
33 mm	1-1/4"
39 mm	1-3/8"

*Specific drill hole diameters determined by onsite testing.*





## **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**

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