MINOVA RUNAYA

MINOVA

FRICTION BOLT

IMMEDIATE FRICTIONAL SUPPORT

DESCRIPTION

Friction bolts are considered the simplest form of ground support. Bolts provide immediate frictional support at the face and can be installed with handheld or mechanised equipment. For additional load bearing capacity, the bolts can be post grouted with cement grouts.

Available in either black or hot dip galvanized steel and are manufactured in 36mm, 39mm and 47mm diameters and various lengths from 900 mm to 2400 mm.

ADVANTAGES

- Easy installation system that guarantees anchoring bolt capacity parameters
- Continuous ring welding at tube ends enhances end strength, enabling better load transfer to bearing plates
- Uniform bolt diameter and controlled slot width ensure predictable frictional resistance
- Superior Manufacturing Quality using controlled-grade steel with verified mechanical properties
- Increased protection against corrosion through galvanization.
- High capacity of bolts, with advanced welding technology for consistency of welding
- ISO 9001: 2015 Quality system, with in-house NABL testing facility

APPLICATION AND USES

Primary use is strata reinforcement in underground mines. Used in the development and production headings for immediate support.

TECHNICAL PROPERTIES

PRODUCT PROPERTIES	FRICTION BOLT DIAMETER		
	47mm	36 mm	39 mm
Coil thickness	3 mm	2.5 mm	3 mm
Ring weld strength	Min 150 kN	Min 95 kN	Min 100 kN
Black / Galvanized	Zinc Coating 85 GSM		
Length of friction bolt	900mm, 1800mm, 2400mm (+/- 15mm) Swaged / Non-Swaged		

PACKAGING AND TRANSPORTATION

As a standard practice, anchor poles are packed in bundles of 100pcs, and plates are packed in wooden box with stacking 10 nos each. Other packaging options available on request.

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 Runaya Pvt Ltd
An ISO 9001:2015
Quality Management Certified Company
Certificate No. GSCI-IN/QMS/2024/007

CUSTOMER SERVICE

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