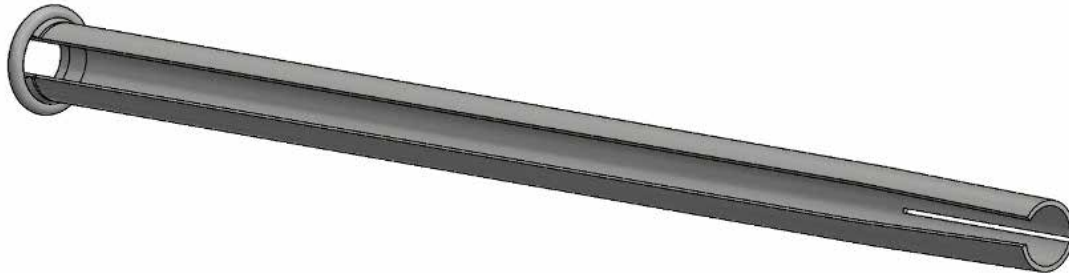


Temporary Rock Bolts

Friction Lok Bolt



Features:

- The radial compression of the slotted steel tube inside a borehole provides both radial and axial restraint to rock movement
- Can be post grouted for extra corrosion protection and support capacity
- Available in black or hot dipped galvanised
- 39mm Friction Lok designed to suit 47mm friction lok plates, requiring the use of one plate on site

33mm Friction Lok

Property	Minimum Value	Typical Value
Yield strength (kN)	80	100
Ultimate Tensile strength (kN)	100	120
Cross sectional area (mm ²)	204	
Mass/meter (kg/m)	1.53	
Drill Hole size	30 - 32	
Welded Ring Integrity Test Min. (kN)	98	

The 33mm Friction Lok can be supplied Black or Hot Dipped Galvanised.
Conformance Certificates provided for all Civil products.

- Continued

Temporary Rock Bolts

Friction Lok Bolt - *Continued*

39mm Friction Lok

Property	Minimum Value	Typical Value
Yield strength (kN)	90	115
Ultimate Tensile strength (kN)	115	135
Cross sectional area (mm ²)	225	
Mass/meter (kg/m)	1.77	
Drill Hole size	35-38	
Welded Ring Integrity Test Min. (kN)	118	

The 39mm Friction Lok can be supplied Black or Hot Dipped Galvanised.
Conformance Certificates provided for all Civil products.

47mm Friction Lok

Property	Minimum Value	Typical Value
Yield strength (kN)	120	160
Ultimate Tensile strength (kN)	165	180
Cross sectional area (mm ²)	355	
Mass/meter (kg/m)	2.79	
Drill Hole size	42-45	
Welded Ring Integrity Test Min. (kN)	157	

The 47mm Friction Lok can be supplied Black or Hot Dipped Galvanised.
Conformance Certificates provided for all Civil products.