

Rock Bolts

Friction Lok



Features:

- The radial compression of the slotted steel tube inside a borehole provide both radial and axial restraint to rock movement
- Extensive quality control processes including testing and traceability throughout the manufacturing process
- Can be post grouted for extra corrosion protection and support capacity along with being available in black or hot dipped galvanised
- Oversized ring on 39mm Friction Lok to allow use with 47mm Friction Lok plates, requiring the use of one plate on site
- A range of installation dollies and testing accessories available
- Bolt lengths up to 4m available

33mm Friction Lok

Property	Unit	Minimum Value	Typical Value
Yield strength	kN	80	100
	MPa	415	510
Ultimate tensile strength	kN	100	120
	MPa	510	610
Cross sectional area	mm ²	-	204
Mass/meter	kg/m	-	1.53
Recommended hole size	mm	28 - 31	

39mm Friction Lok

Property	Unit	Minimum Value	Typical Value
Yield strength	kN	90	115
	MPa	415	510
Ultimate tensile strength	kN	115	135
	MPa	510	610
Cross sectional area	mm ²	-	225
Mass/meter	kg/m	-	1.77
Recommended hole size	mm	35 – 38	

47mm Friction Lok

Property	Unit	Minimum Value	Typical Value
Yield strength	kN	120	160
	MPa	345	460
Ultimate tensile strength	kN	165	180
	MPa	445	510
Cross sectional area	mm ²	-	355
Mass/meter	kg/m	-	2.79
Recommended hole size	mm	43.5 - 45	