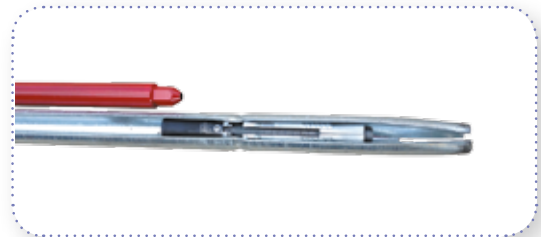


ROCK BOLTS

POINT ANCHORED FRICTION LOK**Features**

- Standard 47mm Friction Lok Bolt installed using percussion. The slotted tube provides both radial and axial restraint to rock movement
- Bolt has full 180kN capacity in all ground conditions
- Easily installed in very poor ground
- A radial crimp is located at the tail of the Friction Lok Bolt, housing a Mechanical Point Anchor
- The Mechanical Point Anchor has a hex drive which locates into drill/dolly drive assembly when the bolt is mounted onto the drill boom
- Once the Friction Lok is installed, left hand rotation is applied to the Mechanical Point anchor, actuating the drive and expanding the bolt tail
- Once expanded, the Mechanical Point Anchor has a non-seizure load of 240kN, exceeding the Friction Bolt UTS
- Simple, efficient and low cost
- Available in black or hot dipped galvanised
- Patent Pending



Description	47mm Friction Lok Properties Minimum		47mm Friction Lok Properties Typical		General Data
	MPa	kN	MPa	kN	
Yield Strength of steel	345	120	445	160	
Tensile Strength of steel	460	165	510	180	
Cross Sectional Area (mm ²)					355
Mass per Metre (kg/m)					2.79
Drill Hole Size (mm)					42.145

Diameter (mm)	Pack Size
47	150