

# Rock Bolts

## Mech Lok Bolt



### Features:

- The Mech Lok Bolt is designed for easy installation in poor and difficult ground conditions such as squeezing and quazi-static ground conditions
- Increased system capacity utilizes a combination of mechanisms working together
- The resistance of the Friction Lok along the length of the bolt along with a unique expansion shell assembly on a solid internal bolt increasing load bearing capacity and shear resistance
- Energy absorbing ring retains internal bolt
- No changes required to existing Jumbo drill rigs for installation
- Pull Rings and installation accessories available

Property	Unit	Minimum Value	Typical Value
Bar Yield strength	kN	171	190
	MPa	500	550
Bar Ultimate tensile strength	kN	250	265
	MPa	660	700
Shear Strength (0.7 x UTS)	kN	185	223
Cross sectional area	mm <sup>2</sup>	-	355
Mass/meter	kg/m	-	6
Recommended hole size	mm	43 - 45	