

Rock Bolts

Yield Lok® Bolt 23mm



Features:

- The Yield Lok Bolt is designed for high seismic demand conditions utilizing its simple patented engineered polymer ploughing design to dissipate over 50kJ of energy
- Dynamically tested at multiple dynamic test facilities with complete independent test and installation data available on request
- Yielding not effected by resin / grout properties, hole diameter or encapsulation length
- Softer energy absorption system than compared to steel stretch options
- Consistent and repeatable results
- Bolt performance can be changed to suit varying geotechnical domains
- High shear stiffness and strength
- No rig changes required for Jumbo installation and also suitable for handheld methods
- Available with a range of shear pins to suit required break out torque

Property	Unit	Minimum Value	Typical Value
Bar Yield strength	kN	200	245
	MPa	517	633
Bar Ultimate tensile strength	kN	267	328
	MPa	688	844
Cross sectional area	mm ²	-	405
Elongation	%	7	9
Mass/meter	kg/m	-	3.2
Recommended hole size	mm	36-40	