

DYNAMIC ROCK BOLT

YIELD-LOK BOLT 23mm

Features

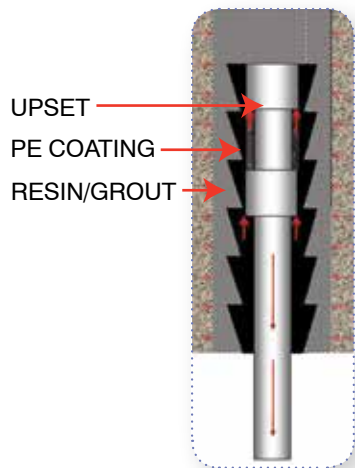
- Dynamic testing developed and confirmed by CANMET
- Yielding not effected by resin / grout properties, hole diameter or encapsulation length
- Complete independent test and installation data available on request
- Very consistent and repeatable results
- Bolt performance can be changed to suit varying geotechnical domains
- High shear stiffness and strength
- No rig changes required for installation

Input Energy	Displacement
29.4 kJ	149 mm
46 kJ	271 mm
51 kJ	370 mm

Note: U3 C2 Bolt test results

Description	Properties Minimum		Properties Typical		General Data
	MPa	kN	MPa	kN	
Yield Strength of steel	517	200	633	246	
Tensile Strength of steel	688	267	844	328	
Standard Elongation min.	Min	7%	Typ	9%	
Shear Strength (0.7 x UTS)		172		230	
Bar Diameter (mm)	Core	23	Major	31	
Cross sectional area (mm ²)					405
Mass per metre (kg/m)					3.15
Drill Hole size (mm)					36-40

Note: Average from CANMET testing.



Patent Pending

