

Resin Roof Bolts

Features

- Roof and Rock Bolts are manufactured from a special hot rolled deformed bar featuring a rib pattern that actively assists with mixing the chemical anchors during installation.
- Bolt rib pattern design has modified physical characteristics to maximize load transfer from the rock to the bolt, with higher transverse ribs together with lower profile longitudinal ribs.
- Rolled thread strength nominally equals the strength of the bar.
- The Resin Roof bolt is available in either spin-to-stall (shear pin nut) or reverse spin (nibbed) configurations.
- All Anchor Bolts are designed to be used with resins.
- Couplers available to create longer lengths
- Forged head replacement bolts available. Details on request.
- Corrosion protection can be provided by hot dip galvanizing or alternative coatings. Details on request.



Standard Lengths and Packaging

- Standard bolt lengths start from 600mm
- Non - standard requirements are available on request
- Bolts are packaged in bundles
- Can be supplied assembled with bearing plates

Technical Data				
Bar Diameter, mm	16	18	20	25
Min. Yield Load, kN	100	127	157	245
Min. Yield Strength, MPa	500	500	500	500
Min. Ultimate Load, kN	140	178	220	343
Min. Ultimate Tensile Strength, MPa	700	700	700	700
*Calculated Shear Load, kN	98	124	132	205.8
**Typical Elongation, %	20	20	20	20
Density, kg/m	1.63	2.059	2.539	3.75
Cross Sectional Area, mm ²	201	254	314	490

*Calculated at 60% of Ultimate Tensile Load

**5.65√A

Notes

- *Minimum order quantities may apply to this product*
- *Only Rocbolt Technologies South Africa components should be used to enable the full performance of the bolt system to be obtained.*