



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
- Corrosion protection can be provided by hot dip galvanizing or alternative coatings. Details on request
- Rolled thread strength nominally equals the strength of the bar
- All anchor bolts are designed to be used with resins

Standard Lengths and Packaging

- Standard bolt lengths start from 600 [mm]
- 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
Min. yield load [kN]	100	127	157
Min. yield strength [MPa]	500	500	500
Min. ultimate load [kN]	120	158	200
Min. ultimate tensile strength [MPa]	640	640	640
Calculated shear load [kN] ¹⁾	98	124	132
Typical elongation [%] ²⁾	20	20	20
Density [kg/m]	1.630	2.059	2.539
Cross sectional area [mm ²]	201	254	314

1) Calculated at 60 [%] of ultimate tensile load.

2) $5.65\sqrt{A}$



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