

# Rock Bolts

## J-Tech® 20mm All Thread Bolt



### Features:

- 20mm left hand fully thread bar for wide range of applications and equipment
- Debonded version available for dynamic conditions with independent test reports available
- Can be purchased as plain bar or fitted with range of accessories including, shear pin torque nuts and resin shredders
- Patented Resin Shredder promotes mixing and installation in up to 38mm holes
- Versatile range of accessories and dollies for handheld and mechanical application
- Utilizing standard 36mm A.F socket or spanner, the 20mm J-Tech design allows for retorquing and tensioning along the entire length of the bolt assisting applications such as paste pipe hanging
- Rated couplers for multiple lengths and up to 2 tonne load rated hanger nuts available
- Suitable for use with either resin capsules or cementitious grout
- Available in plain or hot dipped galvanised

Property	Unit	Minimum Value	Typical Value
Bar Yield strength	kN	160	170
	MPa	500	550
Bar Ultimate tensile strength	kN	185	200
	MPa	600	650
Cross sectional area	mm <sup>2</sup>	-	300
Elongation	%	15	19
Mass/meter	kg/m	-	3.8
Recommended hole size	mm	32-38	