

## Temporary Rock Bolts

### J-Tech® 20mm All Thread Bolt



#### Features:

- 20mm Left hand thread bar (10mm Pitch)
- Suitable for use with either resin capsules or grout
- Pin Nut System available for resin bolting installation
- Offers excellent load transfer
- Resin shredder actively promotes shredding of the capsule file and mixing of the resin components
- Resin shredder centralizes the bolt within the borehole and allows use in larger diameter holes e.g. 35mm – 40mm
- Paddle resin mixing device actively promotes resin mixing and anchorage in smaller hole diameters
- Available in plain or hot dipped galvanized. (Epoxy coating available on request)
- Dome nut design allows angular installation of up to 15 degrees
- Nut design requires the use of a standard 36mm A.F. tightening spanner
- Supplied with either Kanga, Volcano or flat plates
- T38 and hand held dolly drive assemblies available in any length
- Patent Pending Shredder

#### Applications:

- Concrete reinforcement Bar
- Spile Bar
- Ground Anchor
- Soil Nail
- Tie Rod

- Continued

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## J-Tech® 20mm All Thread Bolt - *Continued*

### 20mm Thread Bar

Property	Minimum Value MPa/kN	Typical Value MPa/kN
Yield strength (kN)	500/160	550/170
Ultimate Tensile strength (kN)	600/185	600/200
Shear Strength (kN)	130	140
Elongation %	15	19

Bar diameter (mm)	Core - 19.5	Major - 21.7
Bar Straightness to AS 1442-1991		
Cross Sectional Area (mm <sup>2</sup> )	300	
Mass Per Meter (kg/m)	2.47	
Drill Hole size Shredder (mm)	35 - 40	
Drill Hole size Paddle (mm)	32 - 38	
Thread Pitch (mm)	10	

Available Black or Hot Dipped Galvanised  
Conformance Certificates supplied with all Civil Products

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#### Accessories:

- Hex nuts
- Dome nuts
- Couplers
- Hanger nuts rated to 2 tonnes
- Mechanical anchors
- Centralisers