

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

Temporary Rock Bolts

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 ²) | 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

J-TECH® is a registered trademark of FCI Holdings Delaware, Inc

Accessories:

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