

Temporary Rock Bolts

J-Tech® 25mm All Thread Bolt



Features:

- Left hand thread bar
- 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
- 40mm resin shredder available with bolt for 43 – 45mm drill
- Resin shredder centralizes the bolt within the borehole and allows use in larger diameter holes e.g. 43mm – 45mm
- Paddle resin mixing device actively promotes resin mixing and anchorage in smaller diameter holes e.g. 32mm – 38mm
- Dome nut design allows angular installation of up to 15 degrees
- Finer 6mm pitch thread achieves higher tension for a given torque
- Available in plain or hot dipped galvanized (Thermal diffusion and Epoxy available on request)
- Dynamic testing conducted without bolt failure to 47kJ absorbed energy
- Dome nut design allows the use of a standard 36mm A.F. tightening spanner
- Hanger nuts load rated at 2 and 3 tonne
- Supplied with Kanga plate which collapses when the bolt goes into yield
- T38 drive dollie available in any length

Applications:

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

- Continued

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J-Tech® 25mm All Thread Bolt - Continued

25mm Thread Bar

Property	Minimum Value MPa/kN	Typical Value MPa/kN
Yield strength (kN)	500/215	565/245
Ultimate Tensile strength (kN)	600/260	685/294
Shear Strength (kN)	182	206
Elongation %	15	20

Bar diameter (mm)	Core - 23	Major - 25
Bar Straightness to AS 1442-1991		
Cross Sectional Area (mm ²)	433	
Mass Per Meter (kg/m)	3.4	
Drill Hole size Shredder (mm)	43 - 45	
Drill Hole size Paddle (mm)	32 - 38	
Thread Pitch (mm)	6	

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 and 3 tonnes
- Mechanical anchors
- Centralisers