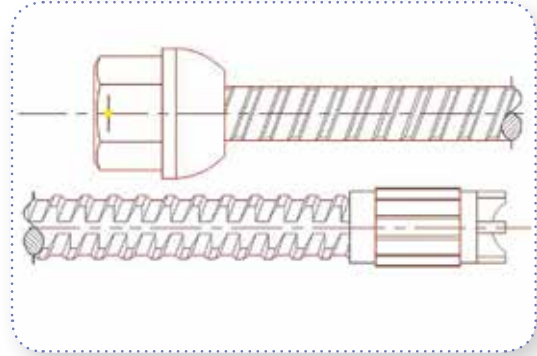


ROCK BOLTS

J-TECH '20MM THREAD BAR'**Features**

- 20mm Left hand thread bar
- Suitable for use with either resin capsules or grout
- Resin shredder* actively promotes shredding of the capsule film and mixing of the resin components
- Resin shredder* centralises the bolt within the borehole and allows use in larger diameter holes e.g. 35 mm
- Available in plain or hot dipped galvanised
- Dome nut design allows the use of a standard 36mm A.F. tightening spanner
- Hanger nuts load rated to 2 Tonne available with thread
- Supplied with KANGA PLATE and J-LOK resin
- T38 and hand held drive assemblies available in any length
- Patent Pending Shredder



Description	20mm Bar Properties Minimum		20mm Bar Properties Typical	
	MPa	kN	MPa	kN
Yield Strength of Steel	500	160	550	170
Tensile Strength of Steel	600	185	650	200
Standard Elongation	Min	15%	Typ	19%
Shear Strength (0.7 x UTS)		120		130
Bar Diameter (mm)	Core	19.5mm	Major	23mm
Bar Straightness to AS 1442-1991				
Cross Sectional Area (mm ²)	300			
Mass Per Metre (kg/m)	2.47			
Drill Hole Size Shredder (mm)	35 - 40			
Drill hole size Paddle (mm)	32 - 38			

Various torque rated shear pin break-out nuts available for use on J-Tech 20mm bolts