

Product Code Guide	Bolt Type	Diameter	Length	Drive Nut & Accessories	Coating	Packaging
	TB	2	210	DFP2H	TD	050

## Physical Properties

	Minimum		Typical	
Yield Strength	540MPa	160kN	615MPa	185kN
Tensile Strength	660MPa	195kN	725MPa	215kN
Calculated Shear Strength	120kN		130kN	
Elongation (After Fracture)	16%		21%	
Mass per Metre	2.47kg			
Bar Core Diameter	Ø20mm			
Major Bar Diameter	Ø22.1mm			
Cross Sectional Area	300mm <sup>2</sup>			
Rolled Thread	Continuous coarse			

## Key Features

- This bolt is hot rolled with deformations that form a coarse left hand thread (10mm pitch) over its entire length.
- The thread bar form provides good load transfer properties.
- The continuous thread provides a high flexibility in “fragile” ground and blasting conditions as the bolt can be readily re-tensioned.
- The thread bar bolt is normally used with resin anchors but can be effectively used with cementitious grouts.
- This bolt features a rib pattern which actively assists with mixing the chemical anchors during installation.
- Corrosion protection may be provided by thermal diffusion and Obduro coatings.

## Installation Guidelines

- 27-28mm hole diameters are preferred. If larger holes are required refer to “Posimix” bolts data sheet.
- Hole depth is critical. Hole depth should be shorter than the bolt to allow for the height of the washer and nut.
- It is important to follow the resin anchor recommended mixing and hold times as printed on the resin anchor cartons. Do not over mix.





ROCK BOLTS – SOLID BAR

# THREAD BAR

Product Code Prefix

**TB**

Product – 20mm Thread Bar

## Standard Lengths & Packaging

- Standard bolt lengths range from 600mm to 3000mm in 300mm increments.
- Non-standard requirements are available by negotiation.
- Bolts are packaged in bundles of 50 or 100 with sub bundles available on request.
- Bolt fittings such as nuts, anti-friction washers and domed balls, are supplied fitted to rock bolts in the configuration requested.

## Notes

- Only DSI Underground rock bolt components should be used to enable the optimum performance of the bolt system to be obtained.
- DSI Underground is Quality Assured to ISO 9001:2015.

Typically used products with these items are:

	Products			
Product Group	Star Plate	Octo Plate	Butterflies	Resin
Product Imagery				
Product Code Prefix				

## Phone APP

- Want to know more; our full product range, knowledge centre, and other details are available via the App; available on iOS and Android devices by searching “DSI Underground”.



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Android

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*All dimensions, weights, quantities and specifications are those applicable at the time of this publication and may be amended from time to time. Please contact your local DSI Underground representative for final confirmation of any key specifications.*