

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

Physical Properties

	Minimum		Typical	
Yield Strength	500MPa	150kN	540MPa	160kN
Tensile Strength	540MPa	160kN	630MPa	190kN
Calculated Shear Strength	100kN		125kN	
Elongation (After Fracture)	5%		20%	
Mass per Metre	2.46kg			
Bar Core Diameter	Ø19.5mm			
Major Bar Diameter	Ø23mm			
Cross Sectional Area	300mm ²			
Rolled Thread	M20 x 3.0mm Pitch			

Key Features

- The 20mm Solid Deformed Bolt is manufactured from hot rolled reinforcing bar having rib deformations generally in a “herringbone” form.
- The Solid Deformed Bolt features a rib pattern which actively assists with mixing the chemical anchors during installation.
- The deformed rib pattern improves load transfer properties.
- The 20mm solid deformed bolt is usually fully in capsulated with resin but can be effectively used with cementitious grouts or split wedges.
- Corrosion protection may be provided by galvanizing or alternative coatings.

Installation Guidelines

- 26-27mm hole diameters are preferred.
- 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.



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 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”.



iOS



Android