

Product Code Guide	Bolt Type	Diameter	Length	Drive Nut & Accessories	Coating	Packaging
	CS	5	240	DP3H		

Physical Properties

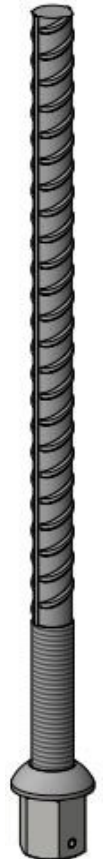
	Minimum		Typical	
Yield Strength	540MPa	244kN	640MPa	289kN
Tensile Strength	625MPa	282kN	700MPa	323kN
Calculated Shear Strength	169kN		193kN	
Elongation (After Fracture)	6%		20%	
Mass per Metre			3.55kg	
Bar Core Diameter			Ø23mm	
Major Bar Diameter			Ø27mm	
Cross Sectional Area			452mm ²	
Rolled Thread			1" UNC	

Key Features

- The Solid Deformed Bolt is manufactured from hot rolled reinforcing bar having rib deformations generally in a “herringbone” form.
- The Solid Deformed Bolt has a 1” UNC standard rolled thread at one end.
- The Solid Deformed Bolt is usually fully encapsulated with resin anchors, but can be effectively used with cementitious grouts.
- Corrosion protection may be provided by galvanizing or alternative coatings.

Installation Guidelines

- 33-35mm hole diameters are preferred. If larger diameter holes are used refer to “Posimix” bolts on data sheet WS.
- 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.




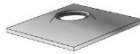


Standard Lengths & Packaging

- Standard bolt lengths range from 600mm to 3000mm in 300mm increments.
- Non-standard requirements are available by negotiation.
- Bolts are packaged in bundles with threads protected by heavy duty polyethylene bags.
- 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	Dome Plate	Butterflies	W-Strap
Product Imagery				
Product Code Prefix	STP	D	BUTT	MW

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