

DOUBLE CORROSION PROTECTION BOLT

DCP

Plastic Grout Bell

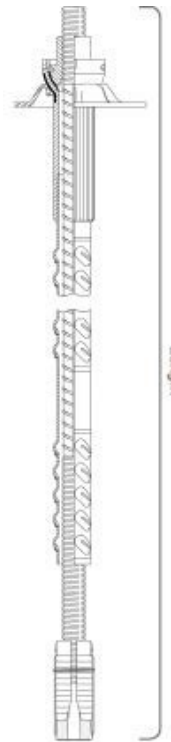
Product Code Guide	Bolt Type	Diameter	Length	Drive Nut & Accessories	Coating	Packaging
	DCP	0	701	5084LH		0

Physical Properties

	Minimum		Typical	
Yield Strength	600MPa	220kN	650MPa	240kN
Tensile Strength	840MPa	310kN	920MPa	340kN
Calculated Shear Strength	205kN		225kN	
Elongation (After Fracture)	13%		15%	
Mass per Metre	2.92kg			
Bar Core Diameter	21.7mm			
Major Bar Diameter	23.2mm			
Cross Sectional Area	370mm ²			
Major Bar Diameter	M24X3.0MM Pitch			

Key Features

- The DCP Bolt is designed to be used with cementitious grouts.
- The bolt is provided with an expansion shell for preloading, thus allowing for tunnel or mine heading to advance without immediate grouting.
- DCP is the civil version with a plastic grout bell.
- Grooved anchor nut allows for grouting after preloading.
- Anti-corrosion tube over the full length of bolt for long life term protection.
- Available in differing material forms to suit design requirements.
- Australian Patent 2003231588.



Installation Guidelines

- Drill 43-45mm hole diameters. The drill hole length must be longer than the bolt by approximately 50mm.
- Domed washer plate is fitted to the bolt.
- The bolt is inserted into the hole.
- After placing the bolt in the hole to its full length, the bolt is then rotated to set the expansion shell to the required tension.
- Attach grouting adaptor to anchorage.
- Mix 0.33 to 0.35 W/C grout. Pump grout. Grout is pumped through the inner annulus to the bolt end and returns along the outer annulus.
- Terminate grouting with visible grout return.
- Detach adaptor and proceed to next bolt.

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Storage

- To be stored out of direct sunlight.


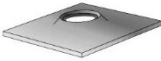


Standard Lengths & Packaging

- Standard bolt lengths range from 1200mm to 6000mm in 300mm increments.
- Non-standard requirements are available by negotiation.
- Bolts are packaged in bundles with threads protected by heavy duty polyethylene bags.
- All bolts are supplied fitted with accessories with the exclusion of washer plates which are supplied loose.

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