

ROCK BOLTS

# LOW PROFILE DOUBLE CORROSION PROTECTION ROCK BOLT

## Features

- The low profile DCP rock bolt is a mechanical point anchored, pre tensioned, post groutable, low profile rock bolt with a grout injection head connection.
- Typical applications include major civil engineering projects, such as tunnelling and slope stability, as well as life-of-project infrastructure in the mining industry.
- Fully automated or manual installation
- M24 Bolt JX bar Gr.650/890MPa. JX rock bolt profile provides superior load transfer characteristics using the unique 'J' bar pattern
- The unique, low profile nut design significantly reduces bolt tail protruding from excavation face
- Provision for in-situ proof load testing
- The expansion shell capable of pre-tensioning bolt to 50kN prior to grouting
- Fully encapsulated in high-strength thixotropic grout
- Durable, high-density polyethylene (HDPE), corrugated sheath provides superior corrosion protection achieving a 100 year design life
- Corrugations in sheathing provide excellent load transference between inner and outer grout annuli



- Recommended for drill hole size 48-51mm diameter
- Screw on adaptor available for grouting through the head connection
- Bolt can be supplied black or galvanised. Face plate and grout bell available in Gr. 316 stainless steel and are electrically isolated from dissimilar metals to prevent galvanic corrosion
- All standard lengths are available and any length can be produced upon request

HSAC840 Grade Description	X Grade M24 Bar Properties Minimum		X Grade M24 Bar Properties Typical	
	MPa	kN	MPa	kN
Yield Strength of Steel	600	228	650	240
Tensile Strength of Steel	840	306	920	335
Standard Elongation	Min	15%	Typ	19%
Shear Strength (0.7 x UTS)		223		245
Bar Diameter (mm)	Core	21.7	Major	23.5
Cross Sectional Area (mm <sup>2</sup> )	380			
Mass Per Meter (kg/m)	3.0			
Drill Hole Size (mm)	45			



Jenmar Australia Pty Ltd products are manufactured and supplied to the specifications shown on our product information sheets, or to an agreed customer specification. The customer (purchaser) is responsible for checking the suitability of products for their intended use. Furthermore, we make no representation about the time or costs associated with your installation of the products.