

ROCK BOLTS

FAST ANCHOR BOLT

ROCK BOLT WITH DOUBLE CORROSION PROTECTION

Features

- The fast anchor rock bolt is a mechanical point anchored, pre tensioned, post groutable 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 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 45mm 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 ²)	380			
Mass Per Meter (kg/m)	3.0			
Drill Hole Size (mm)	45			



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