

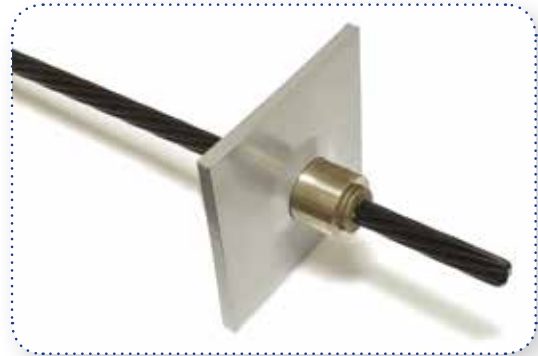
CABLE BOLTS

BULBED SUPERSTRAND

Characterised typically by 3 bulbs in the top section of the SuperStrand which provides for resin anchorage in larger sized drill hole. The larger sized drill holes allow for tubes for post grouting of the SuperStrand after point anchoring by resin and pre-tensioning.

Features

- The flexible SuperStrand and tensioning system allows installation off the Jumbo or IT. Installation times as low as 10 minutes for an 8m Bulbed SuperStrand are possible depending on pre-drilled hole condition
- High strength plates are used with grout and breather tube slots in 45mm holes
- Installed with hand held bolters, as a 1m resin capsule provides the anchorage
- Anchored with J-LOK "Post-Grout" resin capsules for mixing in large drill holes
- Tensioners are available for up to 27 tonnes pre-tension
- Can be post grouted by either "bottom-up" or "top-down" methods depending on the drill hole diameter
- Special packaging is available to suit the lengths ordered and for the transport system used at the mine site
- Fully bulbed cable options available



Strand Diameter	No. of Wires	Steel Area	Typical Strand Yield Strength	Typical Breaking Load		Elongation at Strand Failure
				Strand	Strand at B&W	
21.8mm	19	313mm ²	525kN (53 Tonne)	590kN (60 Tonne)	12	30%

Drill Hole Diameter (mm)	Bulb Diameter (mm)
35	32
42 - 45	38
52 - 55	48