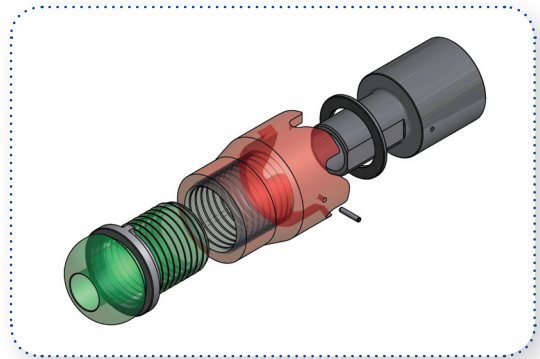


CABLE BOLTS

SUPERSTRAND TOTO

Features

- All the features of the Plain SuperStrand, but with the added benefits of the “TOTO” tensioning device for rapid installation
- “TOTO” device designed to fit through centralizer of standard Jumbo rigs
- Tensioned up to 8 tonne off a standard drifter
- 36 A.F. Hex drive nut to enable installation with a standard Jumbo bolting spanner
- Tensioning of the “TOTO” device is achieved by use of the “Tiger” dollie with collapsible spigot to allow extension of the “TOTO” thread.
- Drive ends are painted/ colour coded to length
- TOTO is available as a shorter, “stubbie” design



CABLE BOLTS

Typical Applications

- SuperStrand TOTO of any length can be installed with Jumbo rigs as a point anchored, pre-tensioned immediate cable support.
- The 4m SuperStrand TOTO can be “fully encapsulated” with resin installed alongside primary support. Installation time of around 6 minutes.
- Recommended plate thickness is a minimum 12mm.

Patent Pending

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)	52 tonne	6 - 7%