

CABLE BOLTS

HAWKESBURY CABLE BOLT

The Hawkesbury Cable Bolt is a specially designed permanent, flexible rock anchor which is capable of fully mechanized and remote installation. The anchor features a mechanical anchor and threaded head connection enabling point anchorage and pre-tensioning at the excavation site. A robust high density polyethylene sheathing not only provides excellent corrosion protection, giving the anchor a 100 year design life, but also facilitates top-down grouting.

Features

- 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
- Low profile head connection when compared to alternative barrel and wedge torque tension devices
- Fully encapsulated in high strength thixotropic grout
- Dome ball washer allows for plate/bolt angular misalignment up to 15 degrees
- Mechanical anchor allows cable to be pre-tensioned up to 50 kN
- Cable is flexible and easy to handle in tight working areas due to the multi-strand construction
- Easily accessible for post-installation testing
- Grout bell and face plates are available in Gr. 316 stainless steel for superior corrosion resistance
- Face plates available with handle bars to allow shear connection with shotcrete lining
- Available in lengths up to 12.0m
- Typical Lengths:
- 5-7m for 18.0m, 5.5-9m for 21.8m

