

Dynamic™ Cable Bolt

Patent No. PCT/AU03/1667
Test reports available



PRODUCT DESCRIPTION 15.2mm Compact Strand is used which has a yielding mechanism attached at the one end of the debonded Compact Strand and a Barrel, Plate & Wedge at the end which provides a point loaded yielding anchor.

FIELD OF APPLICATION The Dynamic Cable Bolt can be installed in areas where seismic activity is expected.

TECHNICAL SPECIFICATIONS

PRODUCT PROPERTIES

| | Minimum | Typical |
|-------------------------------------|---------|---------|
| 15.2mm Seven Wire Compact Strand | | |
| Yield Force (kn) | 212 | 285 |
| Tensile Strength (kn) | 300 | 310 |
| Mass Per Metre (kg) | | 1.176 |
| Yielding Sleeve is Nitrocarburised. | | |

RELEVANT STANDARDS

- Material AS1311 - 1987

FEATURES

- Static Yield Force Capacity 150kn (min) to 180kn (max).
- Dynamic Yield Force Capacity 80kn to 120kn.
- Various yield loads can be achieved by modifying the yielding mechanism.
- Ultimate Displacement Capacity 300mm (standard) - Larger capacity may be specified.
- Ultimate force Capacity 250kn (25 tonne) at displacement capacity.
- Energy absorption Capacity at 300mm displacement 30kj - larger capacity may be specified.
- Dome Plate 150 x 150 x 8mm Dome Plate.
- Radius Barrel and 3 part Wedge.
- Standard equipment is used to for strand tensioning and barrel and wedge installation.
- Individual lengths up to 5 metres come strapped in bundles of 50.
- Other packing quantities are available on request.

SUPPLY & PACKAGING

- Supplied in coiled bundles of 50.
- Other packing quantities are available on request.



Quality System
Quality
Endorsed
Company
ISO 9001:QEC 14722
SAI GLOBAL



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