

| Product Code Guide | Bolt Type | Length | System & Accessories | Packaging |
|--------------------|-----------|--------|----------------------|-----------|
| | EULA | 420 | A6 | 25 |

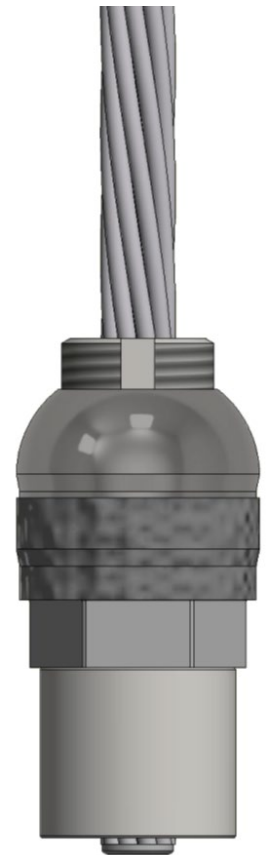
Physical Properties

| | Minimum | Typical |
|-----------------------------|---------|-----------------------|
| Yield Strength | 495kN | 525kN |
| Tensile Strength | 573kN | 595kN |
| Mass Per Metre (Cable Only) | | 2.4kg |
| Fittings Mass | | 2.4kg |
| Cable (Strand) Diameter | | Ø21.8mm |
| Tail Length | 145mm | 145 to 210mm |
| Product Diameter | | Ø72mm |
| Installation Dolly | | Ø72mm |
| Shear Pin Break-out Torque | | Range of 160 to 280Nm |

The EziTen cable bolt is a mechanically tensioned Ø21.8mm cable bolt. The EziTen tensioning system can be used with plain and indented 21.8mm strand. Pretension of a Ø21.8mm cable bolt is achieved with a regular bolting machine (no hydraulic tensioner required). Pretension is a result of the torque applied by the installation dolly onto the nut. cable torsion eliminated through an internal thrust bearing. A chart of the typical torque / tension results is given overleaf. The bolt is pre-assembled and shipped ready to install with a compatible dome plate.

Key Features

- No specialized hydraulic tensioner unit required for installation.
- Only one spanner required for resin mixing and tensioning.
- Internal thrust bearing eliminates cable torsion, optimizing induced tension.
- EziTen is delivered ready to install.
- Quick and simple installation into a standard hole diameter (no reaming).
- EziTen available with plain and indented strand cable.



Installation Guidelines

Drilling

- Drill a Ø28mm hole. Standard hole depths are based on 4m, 6m and 8m with 150mm of EziTen assembly and tail.

Installation

- Insert a resin cartridge and gently push it all the way to the top of the hole. For full encapsulation, chemical resin cartridges of the different lengths and setting times are often used.

Resin Mixing

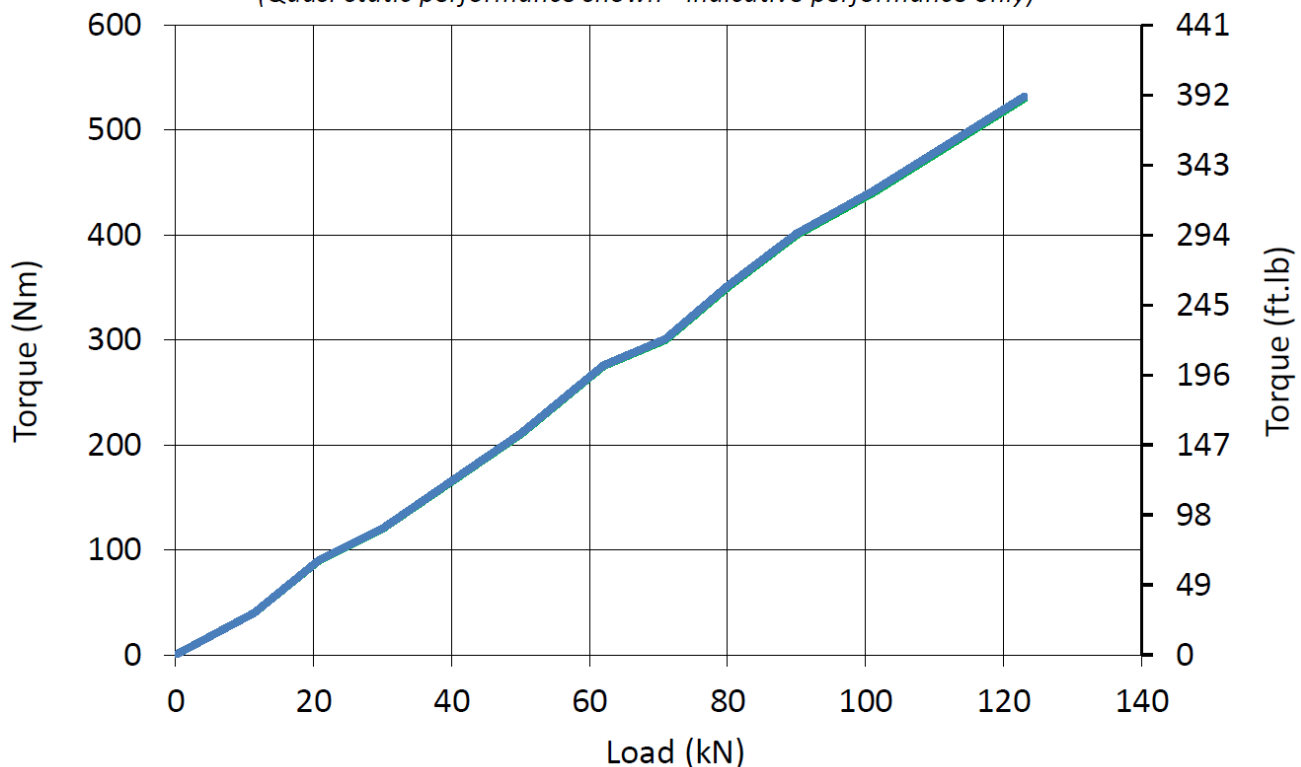
- Once in position, push the EziTen up until the resin capsule is at the back of the hole then spin and push at maximum rpm through the resin. When the back of the hole is reached, continue spinning as per directions (marked on the resin anchor box).

Tensioning

- After resin has set, rotate the nut in a right hand direction to tension/tighten the assembly to the roof. Maximum extension of the jacking thread should be 60mm.

EziTen Torque Vs Tension

(Quasi-static performance shown - indicative performance only)



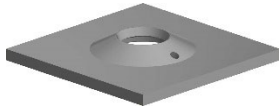
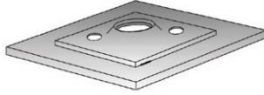
Packaging

- Supplied in trays of 25.

Notes

- DSI Underground is Quality Assured to ISO 9001:2015

Typically, Plates used are:

| | Products | | |
|---------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Product Group | Dome Plate | Double Plate | Spanner |
| Product Imagery |  |  |  |
| Product Code Prefix | D | DD | SSD |

Phone APP

- Want to know more; our full product range, knowledge centre, and other details are available via the App; available on iOS and Android devices by searching “DSI Underground”.



iOS



Android