

**EZITEN**  
**Indented Strand**

Ø21mm Torque Tension Cable Indented Strand

Product Code Guide	Bolt Type	Length	System & Accessories	Packaging
	EULN	420	A6	25

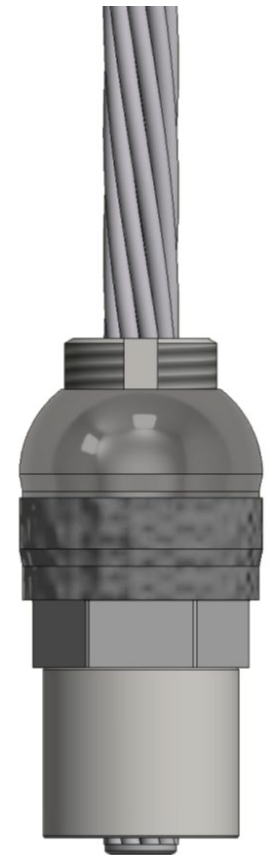
## Physical Properties

	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 (EULA) and indented (EULN) Ø21.8mm strand. The 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 is 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 specialised hydraulic tensioner unit are required for installation.
- Only one spanner is required for resin mixing and tensioning.
- Internal thrust bearing eliminates cable torsion, optimising 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

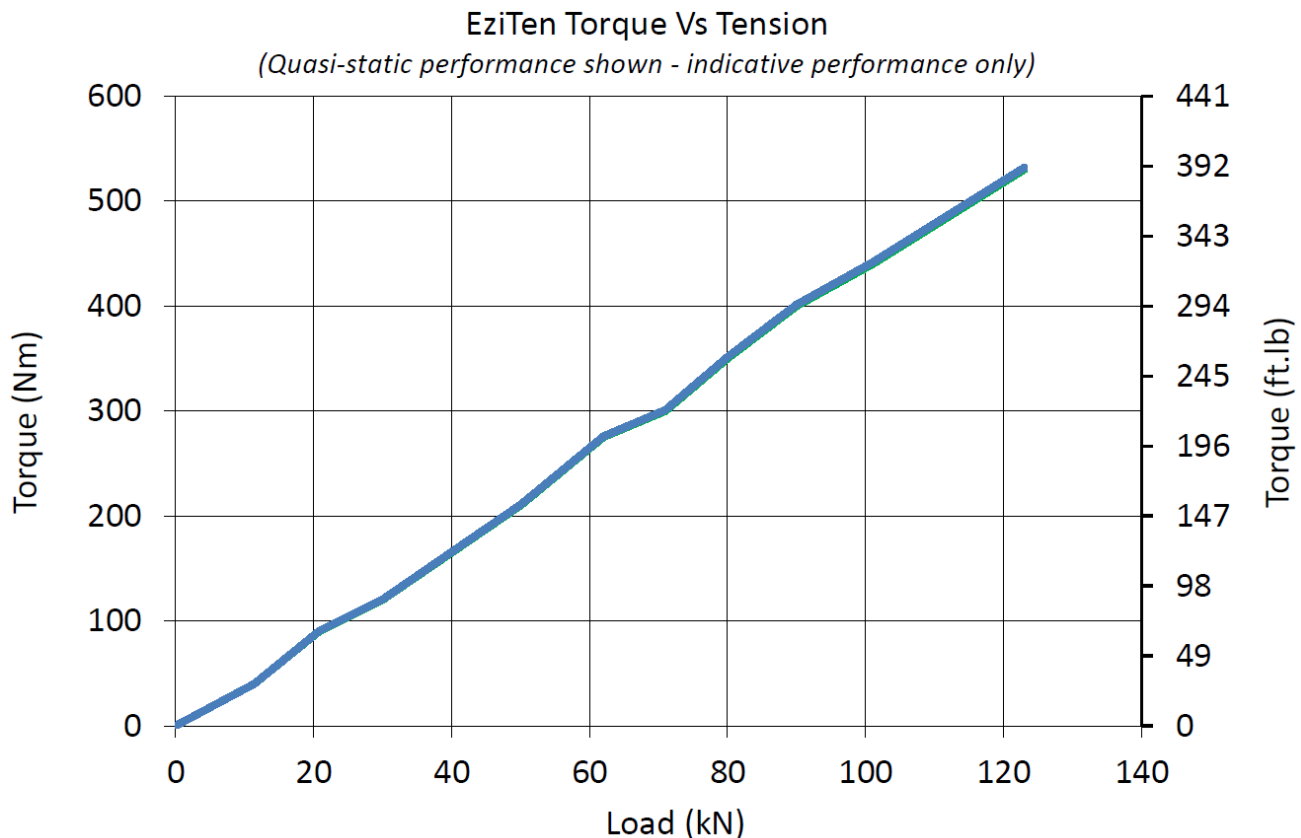
- Insert a resin cartridge and gently push it all the way to the top of the hole. For full encapsulation, chemical resin cartridges of different lengths and setting times are often used.

### Resin Mixing

- Once in position, push the EziTen up until the resin capsule is at the back of the hole, 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 the resin has set, rotate the nut in a right-hand direction to tension/tighten the assembly to the roof. The maximum extension of the jacking thread should be 60mm.



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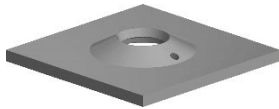
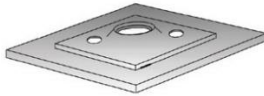

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## Packaging

- Supplied in trays of 25.

## Notes

- DSI Underground is Quality Assured to ISO 9001:2015

	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