



EziTite[®] Hydraulic Bolt



The EziTite[®] Hydraulic Bolt is a precision engineered, high pressure, high performance device, incorporating an hydraulically operated tensioning mechanism that can be quickly and easily fitted and used with standard pumping equipment (eg. Technofast's hand operated, Electric Hydraulic or Air Hydraulic Pumps).

The Hydraulic Bolt is extremely resistant to vibration and shock loads. Hydraulic Bolts are used to minimise the time required to carry out critical bolting procedures. They are manufactured in a choice of alloy or stainless steel of tensile strength to suit the required application.

- **SAFE**
- **EASY TO OPERATE**
- **ACCURATE BOLT TENSIONING**
- **MULTIPLE TENSIONING**

Features:

- Standard Range—20mm (7/8") to 100mm (4") bolt diameter. Other sizes available.
- Unique Lockring thread technology ensures maximum retained load.
- Spherical seat gives alignment to joint face.
- Variety of seal designs for temperature/pressure requirements.
- Quick connect fittings.

Operation:

The EziTite[®] Hydraulic Bolt replaces the standard fastener used in the application. Hydraulic pressure is then applied through the quick connect fitting on top of the nut body into the sealed chamber, forcing the piston and the nut body apart, thus stretching and tensioning the bolt through the joint.

The threaded lock ring, which is mounted on the piston, is then screwed against the abutting face to retain the induced load in the bolt. The pressure is then simply released and the hydraulic coupling disconnected to complete the operation. This guarantees no galling of threads, no torsional stresses and ease of future removal as Lock Rings are unscrewed without friction by a simple reversal of the EziTite[®] Hydraulic Bolt fitting process.

