EziTite® Hydraulic Bolt

- Vibration & Shock Resistant
- Unique Load-Retaining Lockring
- Galling and Torsion Resistant
- Quick-Connect Compatibility

The **EziTite® Hydraulic Bolt** is a precision-engineered, high-performance fastener incorporating a hydraulically operated tensioning mechanism Designed to replace standard fasteners, these bolts are extremely resistant to vibration and shock loads, making them suitable for vibrating screens, sieves, and foundation bolts.

They are manufactured in a choice of alloy or stainless steel with tensile strengths to suit the required application and can be quickly fitted using standard pumping equipment, such as Technofast's hand-operated, electric, or air-hydraulic pumps.

Operation

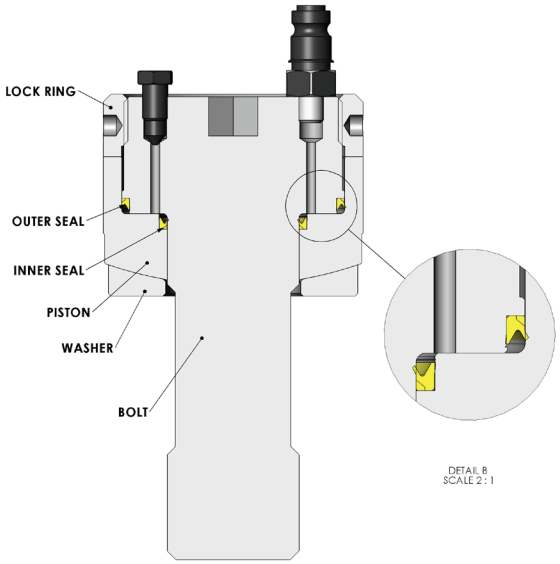
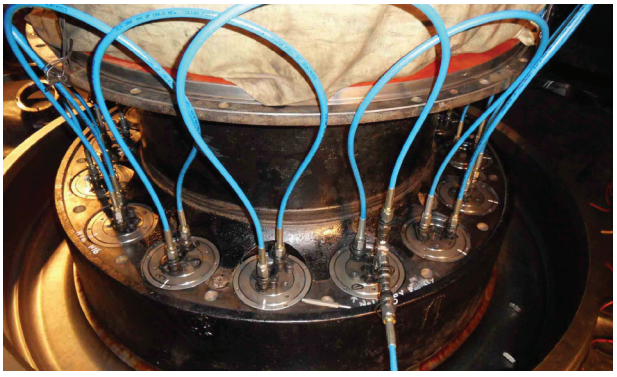
The **EziTite® Hydraulic Bolt** replaces the standard fastener in an application.

Hydraulic pressure is applied through the quick-connect fitting into the sealed chamber, forcing the nut body and piston apart to tension the bolt through the joint.

To retain the induced load, the threaded lockring is screwed against the abutting face. Once pressure is released and the coupling disconnected, the operation is complete.

This method ensures accurate loading with no thread galling or torsional stress. It also allows for easy removal, even in confined or difficult locations as the lockring unscrews without friction by simply reversing the process.

Features

The **EziTite® Hydraulic Bolt** has been designed with the operator in mind, offering many optional extras readily available to ensure trouble-free operation. Some features of the **EziTite® Hydraulic Bolt** are:

- Standard range covers 20mm to 100mm diameters
- Unique Lockring ensures maximum retained load
- Spherical seats provide alignment to joint faces
- Various seal designs meet specific temperature requirements
- Quick-connect fittings and bleed plugs are standard
- Stroke indicators are fitted to all standard bolts
- Max. pressure reaches 100 MPa for standard designs
- Versatile design suits piping flanges and reactor joints