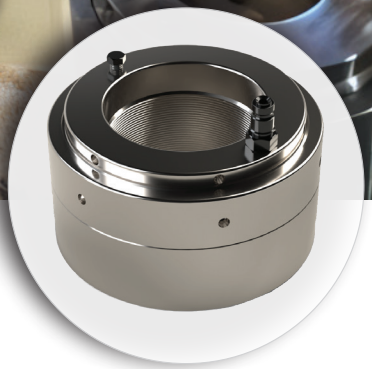
EziTite® Hydraulic Clamp Nut

- Precise and Repeatable Tool Clamping
- Eliminates Conventional Torque Loading
- Impact-Resistant Threaded Locking Collar



The **EziTite® Hydraulic Clamp Nut** is a modern, safe, and efficient solution for ensuring precise tool clamping.

Designed to replace conventional torque-loaded threaded nuts, these units make shaft tensioning a simple and safe hydraulically assisted operation.

They are widely used to set large shaft bearings and are manufactured in a standard range to suit thread sizes from 50mm to 300mm, with other sizes available on request.

Operation

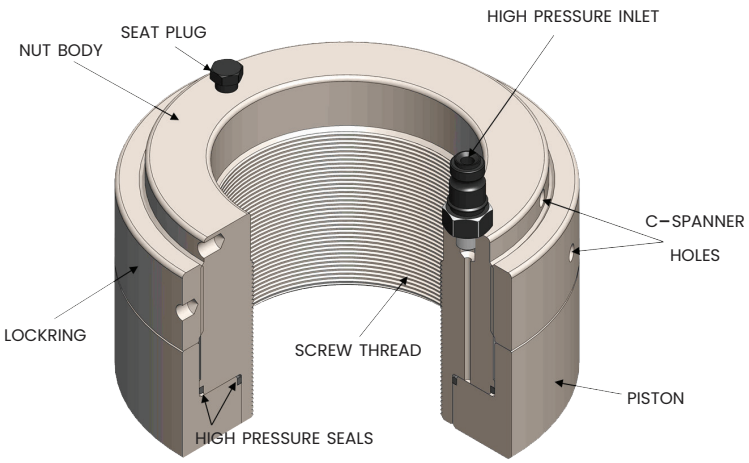
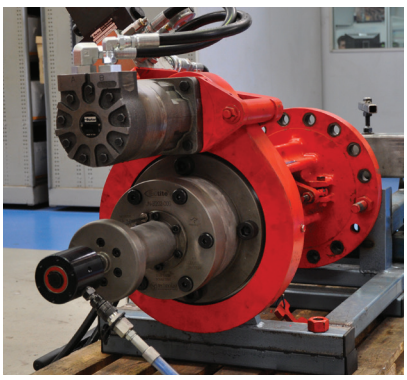
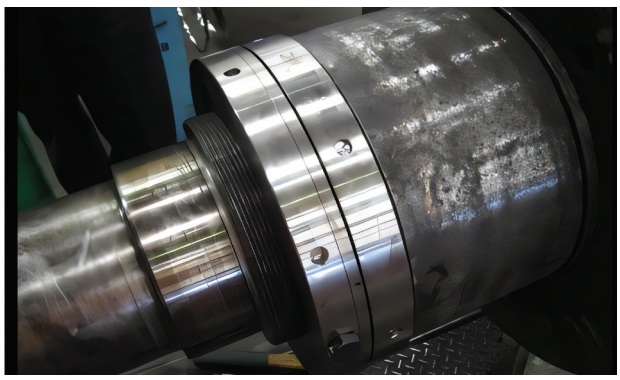
The **EziTite® Hydraulic Clamp Nut** is screwed by hand onto the bolt until the base is tight against the working face.

Hydraulic pressure is applied through the nipple fitting into the sealed chamber, forcing the piston and nut body apart to apply a specified joint clamping force.

To retain the induced load, the threaded lockring on the nut body is screwed against the abutting face.

Once pressure is released and the coupling is removed, the operation is complete.

Features

The **EziTite® Hydraulic Clamp Nut** 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 Clamp Nut** are:

- Standard range fits 50mm to 300mm threads
- Precision clamping increases tool life
- Repeatable accuracy reduces product variation
- Fast fitting achieves high throughput
- User-friendly design prioritises operator safety
- Lockring counteracts rotating impact forces
- Hydraulic operation reduces maintenance downtime