

HYDRAULIC BOLT TENSIONING

9-1/2 inch Grease Activated Threaded Load Cell



This grease activated load cell has been manufactured with an internal 9-1/2 inch ACME Class 2G thread. It is used to pre-load cutters on a large machine arbour. Grease pressure maintains the 670 kN pre-load which is generated using a simple 300 bar hand operated grease gun. The nut is fitted with a non-return grease nipple. A simple bleed screw releases the pressure and hence the nut as and when required. This load cell can also be operated with a 700 bar grease gun to develop a pre-load of 1563 kN.

Load cells like this can also be operated using hydraulic oil at pressures of 700 bar or 1500 bar to push bearings onto tapered shafts or other similar applications.

Boltight load cells conform to the requirements of the European Pressure Equipment Directive and are CE Marked where called for by the directive. A comprehensive Health & Safety Operating and Instruction Manual accompanied these Boltight load cells, giving easy to follow step by step instruction in the use of the product.



BOLTIGHT[®]

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BOLTIGHT is the UK
Registered Trade Mark
of Boltight Limited

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