

## HYDRAULIC BOLT TENSIONING

### Composite Seal Technology

Boltight has a package of hydraulic seals to suit the demands of the wide range of equipment and pressures used by the company. The emphasis is on matching performance and cost.

All Boltight seals are self energising and click into place with no need for adjustment. They exhibit very high wear resistance and are self lubricating. In the rare event that a seal does need to be replaced, they are easily removed and fitted.

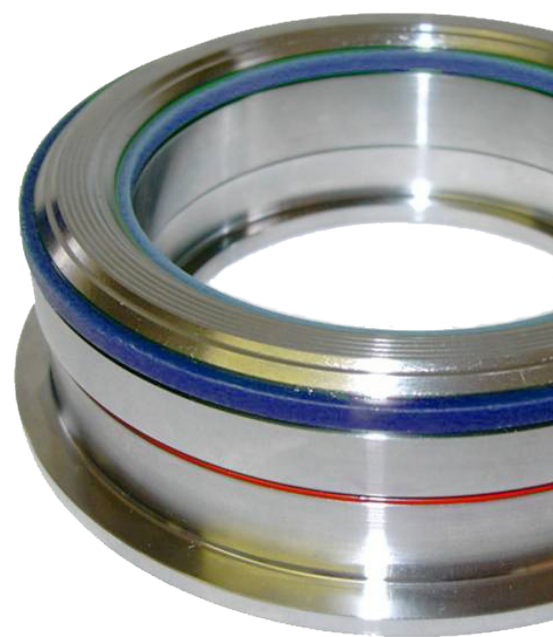
The design and development of the seals successfully focused on minimising the effort required to retract the pistons after use.

The seals are manufactured to suit any piston size, so Boltight can custom build tensioners to meet the application requirements exactly. Boltight can produce tooling to match the hydraulic pressure area of any existing tensioners allowing Boltight tools to be used alongside existing tooling from any other supplier.

Boltight is also able to supply seals for existing bolt tensioning tools manufactured by others. Boltight has successfully fitted its new design composite seals to none Boltight tooling, producing increased stroke, greatly improved seal reliability and easy piston retraction, together making the tools much more usable.

#### Description

- Cost and performance matched
- Easy piston return
- Latest composite materials
- Self energising
- Self lubricating
- Click into place without adjustment
- High reliability and wear resistance
- Long life
- Easy to replace
- Tool design is not restricted to standard tool sizes
- Can be retrofitted to existing tooling from other suppliers



*A typical Boltight piston fitted with a composite seal.*



**BOLTIGHT®**  
HYDRAULIC BOLT TENSIONING

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