



TIP Number 15 - Further Improvements to 8” Retaining Ring

In October 2006 Phoenix Vessel Technology Limited were proud to be able to introduce a new retaining ring to our 8” x 300 psi pressure vessel range. The introduction of a new fibreglass ring ensured a corrosive free solution to the security of the end fitting without compromising strength.

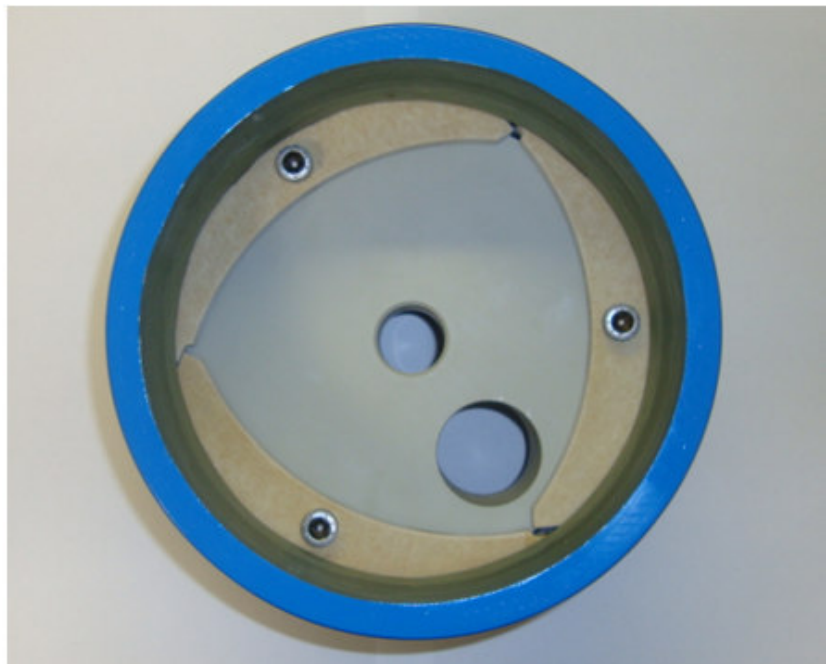
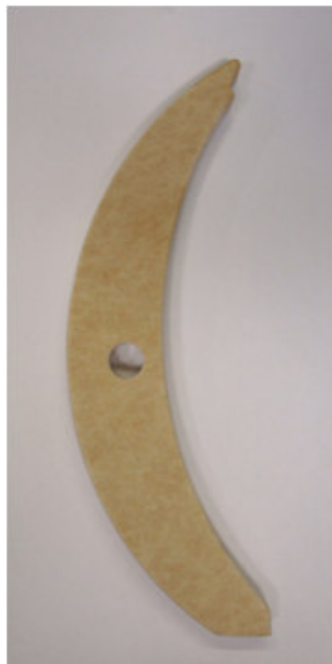
Due to the success of this material we have been investing time and development in redesigning the retaining rings for the full 450 psi range and 600 psi vessels that fall within the non-ASME range (ie. manufactured to PED standards).

As is always the case with changes that involve structural parts, the design has been put through an extensive test program involving fatigue and burst tests. Typically the fatigue test (which exceeds ASME minimum standards) involves the item being subjected to high and low operating temperatures. In our opinion this change will enhance an already excellent product.

As with the 300 psi range, this upgrade not only improves the product but it also reduces cost allowing us to continue to improve on our competitiveness and also provides a more anti-corrosive solution.

The old CMP 1469 retaining rings used of the 450 psi and 600 psi PED range and the new fibreglass ring (our part number CMP 2528) are **not** interchangeable.

Unless we have a specific request for the ‘old’ stainless steel retaining ring, all future production of these two ranges will incorporate the new CMP 2528.



For more information regarding this TIP please contact Phoenix Vessel Technology via b.dunn@phoenixvessel.co.uk).