

# WR Custom Wear Rings

*Custom replacement bearing bands*

Chesterton® custom wear rings are the solution to costly cylinder re-machining and repairs for hydraulic or pneumatic equipment. These split, replaceable wear rings prevent metal-to-metal contact of moving parts and help prolong equipment life. When installed during the cylinder repair, the risk of recurring damage is significantly reduced.

These wear rings reduce radial movement, therefore helping to extend seal life. The exceptional physical properties make it suitable for use on rams or pistons in reciprocating applications.

Various designs and materials are available including the WR, P9KL, R9KL, WRTP, WRTR, WRUP, WRUR, which address specific needs and applications in the market.

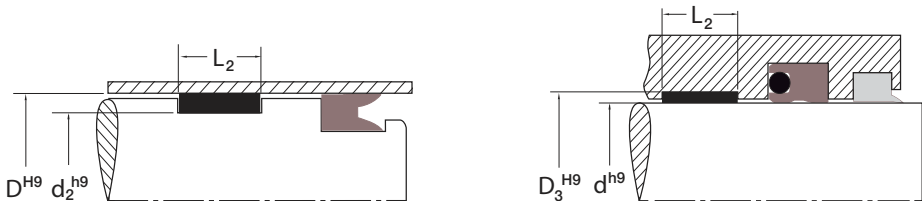


- *Replaceable bearings, cost-effective method for improving equipment performance*
- *Reduce radial movement, prevent metal-to-metal contact while extending seal life*
- *Custom wear rings eliminate unnecessary modifications*
- *Machining process, allows the flexibility to create any size*

## SPECIFICATIONS

*Material (designation)	Size Range mm (inch)	Temperature °C (°F)	Compression Strength ASTM/ISO Testing	Speed m/s (ft/min)
AWC630 Unfilled PEEK*	25 to 152 (1 to 6)	-45 to 175 (-50 to 350)	20,000 ASTM D695	1 (200)
AWC635 Glass-filled PEEK*	25 to 152 (1 to 6)	-45 to 175 (-50 to 350)	26,000 ASTM D695	1 (200)
AWC650 Acetal (POM)	25 to 381 (1 to 15)	-31 to 73 (-25 to 165)	8,000 ASTM D695	1 (200)
AWC665 Nylon with MoS2	381 to 914 (15 to 36)	-40 to 105 (-40 to 212)	14,000 ISO 604	1 (200)

\*Other materials are available upon request. PEEK® is a trademark of Victrex plc.



## PRODUCT PROFILES:



### To place an order:

Product profile: \_\_\_\_\_  
 Material: \_\_\_\_\_  
 Rod or ram diameter (d): \_\_\_\_\_  
 Groove diameter (D<sub>3</sub>): \_\_\_\_\_  
 Groove height (L<sub>2</sub>): \_\_\_\_\_

### To place an order:

Product profile: \_\_\_\_\_  
 Material: \_\_\_\_\_  
 Groove diameter (d<sub>2</sub>): \_\_\_\_\_  
 Cylinder bore diameter (D): \_\_\_\_\_  
 Groove height (L<sub>2</sub>): \_\_\_\_\_



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