

9K Anti-Extrusion Rings

Combat extrusion of hydraulic seals

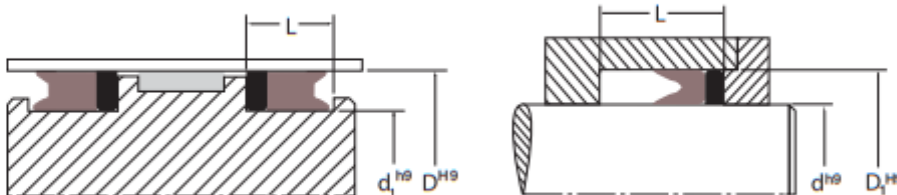
Chesterton® 9K anti-extrusion rings, often referred to as back-up rings, are designed to prevent seals or O-rings from extruding into equipment clearances while under pressure. Each ring is individually manufactured and provides excellent performance, as a supporting element, to both piston, rod and face seals that are generally found in static or dynamic applications.

Chesterton® 9K anti-extrusion rings, utilize a machining process to create a final product which enables all sizes to be made to equipment dimensions. These anti-extrusion rings are available in various extrusion-resistant materials and are located on the back-side or low pressure side of the sealing element they are supporting. Anti-extrusion rings are available in many materials and custom profiles including rectangular, contoured, continuous or split designs.

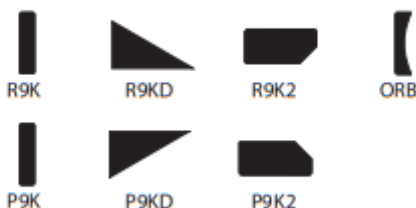


- Prevent extrusion of sealing element into equipment clearances, improve MTBR
- Static and dynamic applications, plant-wide usage
- Machining process, allows the flexibility to create any size
- Available in various profiles and materials
- Back up rings, prevent seal extrusion

SPECIFICATIONS		
Material (designation)	Size Range mm (inch)	Temperature °C (°F)
AWC800 (EU)	6 to 1320 (1/4 to 52)	-50 to 85 (-60 to 185)
AWC520 (Virgin PTFE)	6 to 1320 (1/4 to 52)	Cryogenic to 230 (Cryogenic to 450)
AWC650 (Acetal)	6 to 381 (1/4 to 15)	-30 to 90 (-20 to 200)
AWC665 (Nylon with MoS ₂)	>381 to 915 (>15 to 36)	-40 to 105 (-40 to 212)



PRODUCT PROFILES:



To place an order:

Product profile: _____
 Material: _____
 Rod or ram diameter (d): _____
 Bore diameter (D₁): _____
 Groove height (L): _____

To place an order:

Product profile: _____
 Material: _____
 Piston groove diameter (d₁): _____
 Cylinder bore diameter (D): _____
 Groove height (L): _____



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FORM NO. EN22239

PRINTED IN USA 7/09