

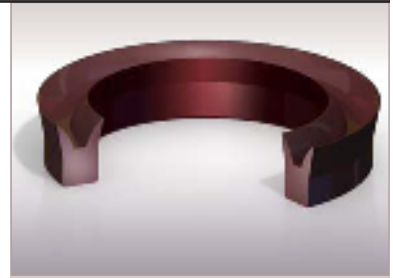
# 10K and 22KN Rod and Piston Seals

*Ideal design for hydraulic and pneumatic sealing*

Chesterton® 10K Super Monoseal® and 22KN are single-acting, U-cup designs. The positive rake, lip profile provides an optimal amount of radial sealing load with minimal frictional resistance. This seal design is offered as a rod or piston seal and provides outstanding performance in both hydraulic and pneumatic applications.

The 10K Super Monoseal® is made from a custom molding process that utilizes existing tooling. The 22KN design is manufactured using a machining process which allows the flexibility to create any size based on equipment dimensions.

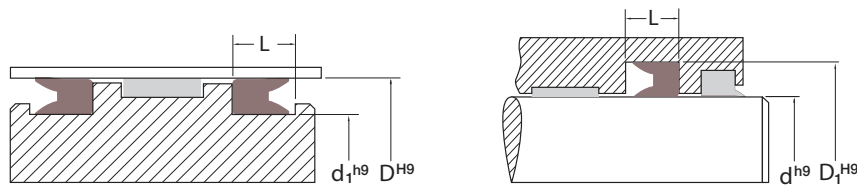
A number of unique designs have been derived from the original 10K to address specific needs and applications in the market. These include designs to address pressure reversal, pressure spikes, and system vacuuming.



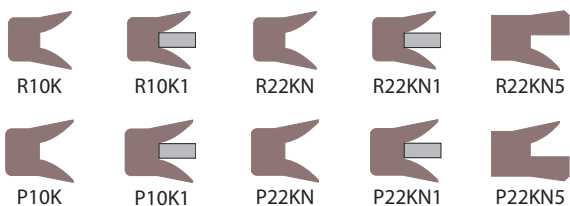
- *Single-acting, U-cup design minimizes frictional resistance*
- *Positive rake lip design wipes contaminants away from mating surface*
- *Abrasion-resistant design, outstanding performance in hydraulic and pneumatic applications*
- *Manufacturing process allows flexibility to create any size*
- *Sizes made to accommodate international standards including ISO and DIN*

**SPECIFICATIONS**

Material (designation)	Size Range mm (inch)	Temperature °C (°F)	Pressure bar (psi)	Speed m/s (ft/min)
AWC700 (FKM)	6 to 152 (1/4 to 6)	-30 to 200 (-20 to 400)	345 (5,000)	1.5 (300)
AWC800 (EU)	6 to 1320 (1/4 to 52)	-50 to 85 (-60 to 185)	1035 (15,000)	0.9 (185)
AWC805 (EU)	6 to 1320 (1/4 to 52)	-50 to 85 (-60 to 185)	1035 (15,000)	0.5 (100)
AWC830 (EU)	6 to 254 (1/4 to 10)	-35 to 75 (-30 to 165)	520 (7,500)	0.9 (185)
AWC860 (EU)	6 to 508 (1/4 to 20)	-50 to 120 (-60 to 250)	1035 (15,000)	1.25 (250)



**PRODUCT PROFILES:**



**To place an order:**

Product profile: \_\_\_\_\_  
 Material: \_\_\_\_\_  
 Rod or ram diameter (d): \_\_\_\_\_  
 Bore diameter (D<sub>1</sub>): \_\_\_\_\_  
 Groove height (L): \_\_\_\_\_

**To place an order:**

Product profile: \_\_\_\_\_  
 Material: \_\_\_\_\_  
 Piston groove diameter (d<sub>1</sub>): \_\_\_\_\_  
 Cylinder bore diameter (D): \_\_\_\_\_  
 Groove height (L): \_\_\_\_\_



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- Over 1200 trained local Service Specialists and Technicians

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