

18K and 19K Bearing Bands

High performance replaceable bearing bands for cylinders

Chesterton® replaceable Bearing Bands are the solution to costly cylinder re-machining and repairs for hydraulic or pneumatic equipment. These split, replaceable bearing bands 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.

The easy-to-use split 18K and 19K designs are manufactured from a glass fiber reinforced thermoplastic polyimide resin (heat stabilized nylon). These bearings reduce radial movement, therefore helping to extend seal life. The exceptional physical properties and built-in lubricants make it suitable for use on rods, rams, or pistons in reciprocating, rotary, or static applications.

SPECIFICATIONS

Material (designation)	Size Range mm (inch)	Temperature °C (°F)	Compressive Strength MP a (psi) ASTM D695	Speed m/s (ft/min)
AWC660 40% Glass -filled Nylon	to 400 (to 15.750)	- 40 to 121 (- 40 to 250)	158.8 (23,000)	1.25 (250)

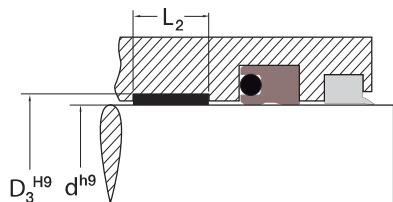
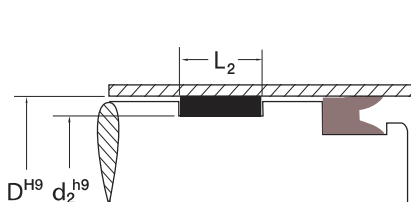
19K Metric Designs

Cross section (S), mm	Height (H ₁), mm	Outer Diameter range (O. D.), mm
2,5	5	20 to 140
	9	55 to 220
	14	70 to 400
	24	315 to 400

18K Inch Designs

Cross section (S), inch	Height (H ₁), inch	Outer Diameter range (O. D.), inches
0.125	0.375	1 to 4
	0.500	1.5 to 6
	0.750	3.5 to 8
	1.000	4 to 20

*Other materials are available upon request



PRODUCT PROFILES:



18K

19K



- Heat stabilized nylon, same carrying load yet less expensive than bronze
- Replaceable bearings prevent metal-to-metal scoring and prolong equipment life
- Reduce radial movement, therefore extending seal life
- Retrofit existing bearing grooves and eliminate unnecessary modifications
- Split design minimizes downtime

To place an order:

Product profile: _____
 Material: _____
 Rod or ram diameter (d): _____
 Groove diameter (D₃): _____
 Groove height (L₂): _____

To place an order:

Product profile: _____
 Material: _____
 Groove diameter (d₂): _____
 Cylinder bore diameter (D): _____
 Groove height (L₂): _____



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