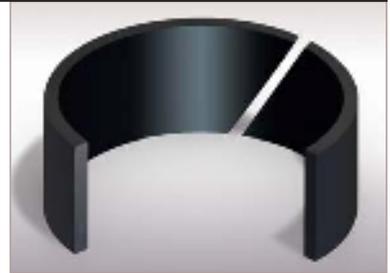


# 18K and 19K Bearing Bands

*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.



- 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

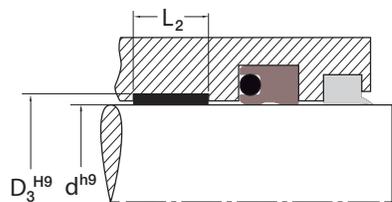
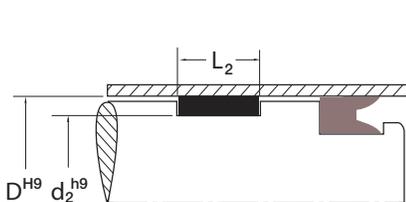
## SPECIFICATIONS

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 <sub>1</sub> ), 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 <sub>1</sub> ), 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

### 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>): \_\_\_\_\_



## GLOBAL SOLUTIONS, LOCAL SERVICE

Since its founding in 1884, A.W. Chesterton Company has successfully met the critical needs of its diverse customer base. Today, as always, customers count on Chesterton solutions to increase equipment reliability, optimize energy consumption, and provide local technical support and service wherever they are in the world.

Chesterton's global capabilities include:

- Servicing plants in over 100 countries
- Global manufacturing operations
- More than 500 Service Centers and Sales Offices worldwide
- Over 1200 trained local Service Specialists and Technicians

Visit our website at  
[www.chesterton.com](http://www.chesterton.com)

Chesterton ISO certificates available on [www.chesterton.com/corporate/iso](http://www.chesterton.com/corporate/iso)

Technical data reflects results of laboratory tests and is intended to indicate general characteristics only.  
A.W. CHESTERTON COMPANY DISCLAIMS ALL WARRANTIES EXPRESSED, OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR USE. LIABILITY, IF ANY, IS LIMITED TO PRODUCT REPLACEMENT ONLY.  
ANY IMAGES CONTAINED HEREIN ARE FOR GENERAL ILLUSTRATIVE OR AESTHETIC PURPOSES ONLY AND ARE NOT INTENDED TO CONVEY ANY INSTRUCTIONAL, SAFETY, HANDLING OR USAGE INFORMATION OR ADVICE RESPECTING ANY PRODUCT OR EQUIPMENT. PLEASE REFER TO RELEVANT MATERIAL SAFETY DATA SHEETS, PRODUCT DATA SHEETS AND/OR PRODUCT LABELS FOR SAFE USE, STORAGE, HANDLING AND DISPOSAL OF PRODUCTS OR CONSULT WITH YOUR LOCAL CHESTERTON REPRESENTATIVE.



DISTRIBUTED BY:

860 Salem Street  
Groveland, MA 01834 USA  
Telephone: 781-438-7000  
Fax: 978-469-6528  
[www.chesterton.com](http://www.chesterton.com)

© A.W. Chesterton Company, 2009. All rights reserved.  
® Registered trademark owned and licensed by  
A.W. Chesterton Company in USA and other countries.

FORM NO. EN22244

PRINTED IN USA 7/09