

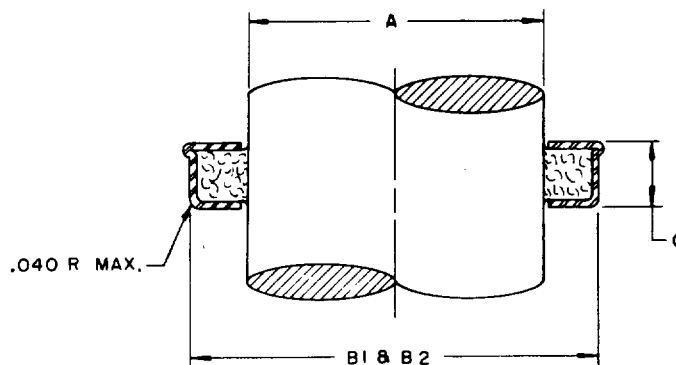
USER ACTIVITIES: ARMY-AV, GL, ME

MI, WC: DSA-IS

REVIEWER ACTIVITIES: ARMY -

This military standard is approved for use by the US Army Tank-Automotive Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense. AMSC N/A

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FED. SUP CLASS  
5330

FIRST DASH NO. (SIZE)	A SHAFT DIA (NOM)	B1 SEAL O.D. (4)	B2 HOUSING BORE (REF)	C WIDTH ± .020
1	1-9/16	2.526	2.522	1/2
2	1-3/4	2.921	2.917	27/32

## REQUIREMENTS:

1. THE ABOVE DESIGN IS FOR REFERENCE ONLY. OTHER DESIGNS WHICH MEET THE FUNCTIONAL REQUIREMENTS OF THIS TYPE OF SEAL ARE ACCEPTABLE.
2. MATERIAL:
  - A. SEALING MEMBERS: FELT, TYPE I, CLASS 12R3, CONFORMING TO C-F-206.
  - B. CASE: STEEL, CARBON, SHEET OR STRIP, HRPODQ OR CRDQ OR CR TEMPER 4-5 PER SPEC QQ-S-698.
3. THE PART NUMBER CONSISTS OF THE MS NUMBER AND ONE DASH NUMBER.  
EXAMPLE: MS51919-3 INDICATES MS51919 DESIGN, SIZE NUMBER 3.
4. DIMENSIONS ARE IN INCHES. TOLERANCES ARE: ±.002 FOR SEAL O.D. UP TO 2.000 AND +.003, -.002 FOR SEAL O.D. UP TO 3.000, and +.004, -.002 FOR SEAL O.D. UP TO 7.000.

## NOTES:

1. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS, OR REFERENCED DOCUMENTS.
2. FOR DESIGN PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
3. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.
4. MARKING SHALL CONSIST OF THE MS NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.

(E) ENTIRE STANDARD REVISED

P. A. ARMY-AT Other Cust	INTERNATIONAL INTEREST	TITLE SEAL, PLAIN ENCASED, SINGLE FELT SEALING MEMBER, INTERNAL TYPE, SHOULDERED CASE	MILITARY STANDARD <b>MS 51919</b>
PROCUREMENT SPECIFICATION MIL-S-45005	SUPERSEDES: CLHX15	SHEET 1 OF 1	