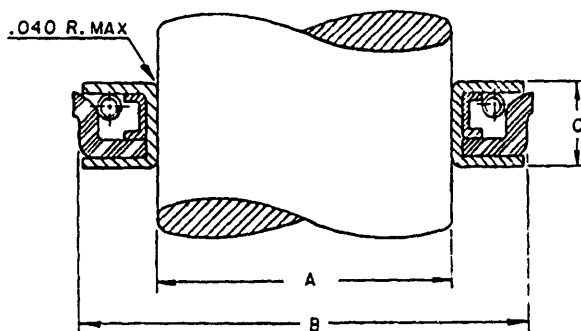


USER ACTIVITIES:

REVIEWER ACTIVITIES:

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. AHSC N/A

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FED. SUP CLASS
5330

FIRST DASH NUMBER (SIZE)	A SEAL I.D. $\pm .002$	B REF HOUSING BORE	C WIDTH $\pm .020$
11	1.375	2.375	1/2
12	1.375	2.437	1/2
13	2.121	3.250	15/32
14	3.244	4.500	9/16
15	3.432	4.624	31/64

REQUIREMENTS:

- THE ABOVE DESIGN IS FOR REFERENCE ONLY. OTHER DESIGNS WHICH MEET THE FUNCTIONAL REQUIREMENTS OF THIS TYPE OF SEAL ARE ACCEPTABLE.
- SEALING MEMBERS SHALL CONFORM TO ONE OF THE FOLLOWING CLASSES:
 - CLASS 1: POLYMER-IMPREGNATED LEATHER OR CHROME RETAINED LEATHER IN ACCORDANCE WITH KK-L-164 TANNAGE III. LEATHER SEALING MEMBERS SHALL BE GOLD-PROOFED IN ACCORDANCE WITH O-L-164 (FOR NORMAL OPERATING TEMPERATURE).
 - CLASS 2: OIL RESISTANT SYNTHETIC ELASTOMER (FOR NORMAL OPERATING TEMPERATURE).
 - CLASS 3: OIL RESISTANT ELASTOMER IN ACCORDANCE WITH HIGH AND LOW TEMPERATURE TESTS OF MIL-S-45005 (FOR EXTREME OPERATING TEMPERATURE).
- MARKING SHALL CONSIST OF THE MS NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.
- THE PART NUMBER CONSISTS OF THE MS NUMBER AND 2 DASH NUMBERS.

FIRST DASH NUMBER INDICATES THE SIZE.
SECOND DASH NUMBER INDICATES THE CLASS.
EXAMPLE: MS515910-12-3 INDICATES THE SIZE NUMBER 12 WITH CLASS 3 SEALING MEMBER.
- DIMENSIONS ARE IN INCHES. TOLERANCES ARE $\pm .002$ FOR SEAL O.D. UP TO 2.000; $\pm .003$ - $\pm .002$ FOR SEAL O.D. UP TO 3.000 AND $\pm .004$ - $\pm .002$ FOR SEAL O.D. UP TO 5.000.

NOTES:

- THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS OR REFERENCED DOCUMENTS.
- FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS.
- THE USE OF RECYCLED MATERIALS WHICH MEET THE REQUIREMENTS OF THE APPLICABLE MATERIAL SPECIFICATION WITHOUT JEOPARDIZING THE INTENDED USE OF THE ITEM SHALL BE ENCOURAGED.

(D) ENTIRE STANDARD REVISED

APPROVED 14 SEPTEMBER 1961 REVISED (D) 27 OCT 86

P. A. ARMY-AT Other Cust	INTERNATIONAL INTEREST	TITLE SEAL, PLAIN ENCASED; SINGLE SEAL, EXTERNAL TYPE, SPRING LOADED	MILITARY STANDARD MS51910
PROCUREMENT SPECIFICATION MIL-S-45005	SUPERSEDES:	CLHX 8	SHEET 1 OF 2

FED. SUP CLASS
5330

INTERCHANGEABILITY TABLE

THE FOLLOWING MS DASH NUMBERS ARE CANCELLED AFTER 29 DECEMBER 1967
THE CANCELLED SEALS SHOULD BE USED FOR MAINTENANCE PURPOSES UNTIL
EXISTING STOCK IS EXHAUSTED. USE ONLY THE SUPERSEDING SEAL DASH
NUMBERS FOR NEW DESIGN AND PROCUREMENT.

CANCELLED PART NUMBER - CLASS - SIZE	SUPERSEDING PART NUMBER - SIZE - CLASS
MS51910- 1 - 1	MS51910- 11 - 1
1 - 2	12 - 1
1 - 3	13 - 1
1 - 4	14 - 1
1 - 5	15 - 1
MS51910- 2 - 1	MS51910- 11 - 2
2 - 2	12 - 2
2 - 3	13 - 2
2 - 4	14 - 2
2 - 5	15 - 2
MS51910- 3 - 1	MS51910- 11 - 3
3 - 2	12 - 3
3 - 3	13 - 3
3 - 4	14 - 3
3 - 5	15 - 3

D ENTIRE STANDARD REVISED

P. A. ARMY-AT Other Cust	INTERNATIONAL INTEREST	TITLE SEAL, PLAIN ENCASED: SINGLE SEAL, EXTERNAL TYPE, SPRING LOADED	MILITARY STANDARD MS51910
PROCUREMENT SPECIFICATION MIL-S-45005	SUPERSEDES: CLHX 8	SHEET 2 OF 2	

DD FORM 1 MAY 73 672-1 FULLY COORDINATED

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5330-0666

APPROVED 14 SEPTEMBER 1961 REVISED 27 OCT 86

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