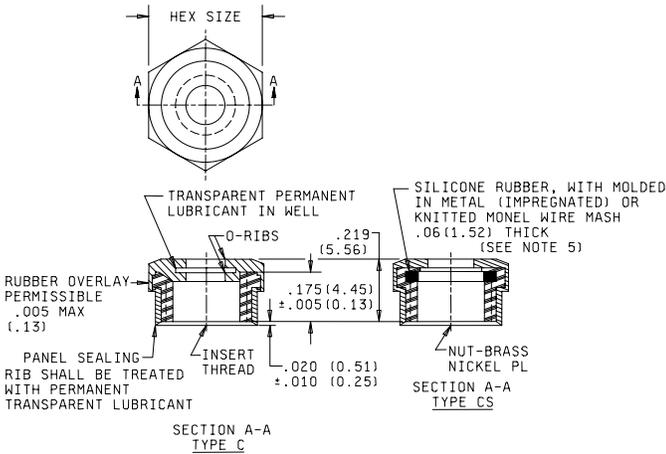


DETAIL SPECIFICATION SHEET

BOOTS, DUST AND WATER SEAL, TYPE C (FOR USE AS ROTARY-SHAFT SEALS), TYPE CS (FOR USE AS RFI-SHIELDED, ROTARY-SHAFT SEALS)

This specification forms a part of MIL-DTL-5423, dated 5 April 2002, and is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification and MIL-DTL-5423.



Size	For use with shaft size ±.004 (.10)	Insert thread	Hex size
1	.125 (3.18 mm)	.375-32 UNEF-2B	.500 (12.70 mm)
2	.250 (6.35 mm)	.375-32 UNEF-2B	.500 (12.70 mm)
4	.125 (3.18 mm)	.500-32 UNEF-2B	.375 (9.53 mm)
6	.250 (6.35 mm)	.469-32 UNS-2B	.625 (15.88 mm)
7	.375 (9.53 mm)	.625-24 UNEF-2B	.750 (19.05 mm)
9	.250 (6.35 mm)	.500-32 UN-2B	.625 (15.88 mm)
10	1/ .250 (6.35 mm)	.375-32 UNEF-2B	.500 (12.70 mm)

1/ Height for size 10 seal is .359 (9.12 mm).

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1 inch = 25.4 mm.
3. Unless otherwise specified, tolerances are ±.015 (0.38 mm) for three place decimals and ±.02 (0.51 mm) for two place decimals.
4. Monel in accordance with QQ-N-281, class A or equivalent.

FIGURE 1. Dimensions and configuration boots type B, style 2 and style 2S.

REQUIREMENTS

Dimensions and configuration: See figure 1.

Silicon rubber: Grade 60

Part or Identifying Number (PIN): See table I.

TABLE I. PIN's, size, and type.

PIN M5423/07-	Size	
	Type C	Type CS
01	1	---
02	2	---
03	4	---
04	6	---
05	7	---
06	9	---
07	---	1
08	---	2
09	---	4
10	---	6
11	---	7 ^{1/}
12	---	9
13	10	---
14	---	10

^{1/} Inactive for new design.

Custodians:
 Army - CR
 Navy - AS
 Air Force - 11
 DLA - CC

Preparing activity:
 DLA - CC

 (Project 5930-1735-07)

Review activities:
 Army – AR, AT, AV, CR4, EA, MI
 Navy – CG, EC, MC, OS
 Air Force - 99