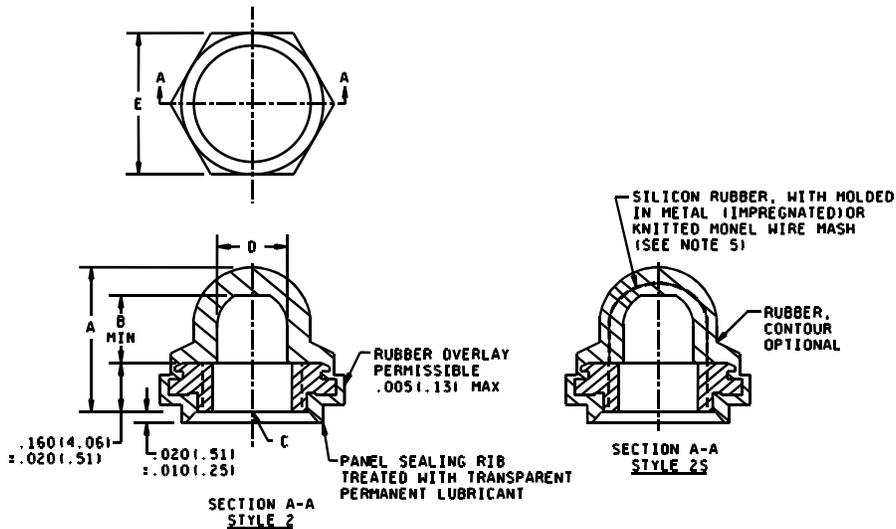


DETAIL SPECIFICATION SHEET

BOOT, DUST AND WATER SEAL, TYPE B (FOR PUSHBUTTON SWITCHES),  
STYLE 2 (ONE – HOLE MOUNTING, DRILLED PANEL),  
STYLE 2S (RFI-SHIELDED, ONE – HOLE MOUNTING, DRILLED PANEL)

This specification sheet 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 sheet and MIL-DTL-5423.



Size	Dimensions				
	A	B (min)	C	D	E
1	.547 (13.89)	.281 (7.14)	15/32-32 UNS-2B	.422(10.72)	.625(15.88)
2	.719 (18.26)	.438 (11.13)	15/32-32 UNS-2B	.422(10.72)	.625(15.88)
3	.547 (13.89)	.281 (7.14)	1 / 2-32 UN-2B	.422(10.72)	.625(15.88)
4	.609 (15.47)	.281 (7.14)	5/8-24 UNEF-2B	.516(13.11)	.750(19.05)
5	.547 (13.89)	.138 (4.78)	1 / 2-32 UN-2B	.422(10.72)	.625(15.88)

NOTES:

1. Dimensions are in inches.
2. Millimeters are in parentheses.
3. Metric equivalents are given for general information only and are based upon 1 inch = 25.4 mm.
4. Unless otherwise specified, tolerances are  $\pm 0.15$  (.38 mm).
5. Monel in accordance with QQ-N-281, class A or equivalent.

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

MIL-DTL-5423/7G

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Silicon rubber: Grade 60. The color shall be specified in table I.

Endurance:

Style 2: In accordance with MIL-DTL-5423.

Style 2S: 15,000 cycles of mechanical operation.

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

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

PIN M5423/07-	Size		Color
	Style 2	Style 2S <sup>1/</sup>	
01	1	---	Gray
02	2	---	"
03	3	---	"
04	4	---	"
05	5	---	"
06	---	1	"
07	---	2	"
08	---	3	"
09	---	4	"
10	---	5	"
11	1	---	Clear
12	2	---	Clear

<sup>1/</sup> Style 2S pushbutton switches selected for use with these boots shall have adequate return force to avoid tendency of the boot limiting the return of the button to the normal position.

■ Qualification: First Article Testing in accordance with MIL-DTL-5423.

The margins of this specification are marked with vertical lines to indicate where modifications were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

Referenced documents:

MIL-DTL-5423  
QQ-N-281

Custodians:

Army - CR  
Navy - AS  
Air Force - 85  
DLA - CC

Preparing activity:  
DLA - CC

(Project 5930-2008-064)

Review activities:

Army - AR, AT, AV, CR4, MI  
Navy - CG, EC, MC, OS  
Air Force - 99

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>.