

RATIONALE

LIMITED SCOPE REVISION IS REQUIRED TO CORRECT THE TABLE 1 DIMENSIONAL VALUES FOR DIMENSION "D" LENGTH.

AS85049/139C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS85049.

REV. C
AS85049™/139

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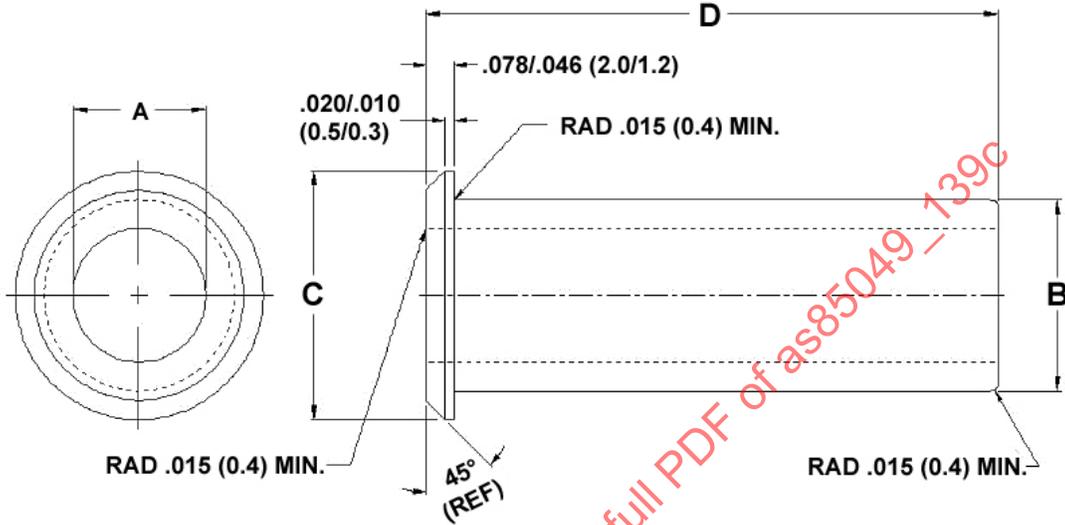


FIGURE 1 - BUSHING CONFIGURATION AND DIMENSIONS (WITH FLANGE)

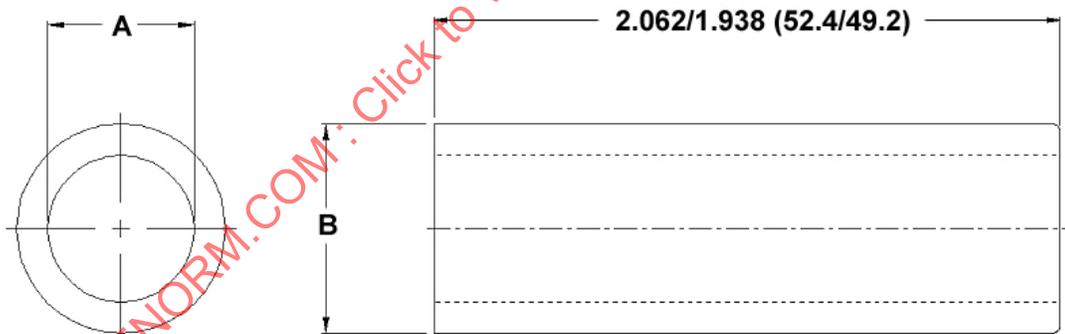
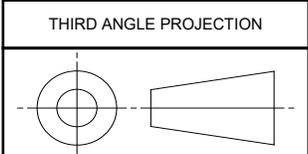


FIGURE 2 - BUSHING CONFIGURATION AND DIMENSIONS (WITHOUT FLANGE)

For more information on this standard, visit
<https://www.sae.org/standards/content/AS85049/139C/>



CUSTODIAN: AE-8C1

PROCUREMENT SPECIFICATION: AS85049



AEROSPACE STANDARD

BUSHING, CABLE CLAMP TO CABLE,
TELESCOPING FOR AS85049 CABLE CLAMPS
CATEGORY 9

AS85049™/139
SHEET 1 OF 4

REV. C

TABLE 1 - FIGURE 1 DIMENSIONS

DASH NUMBER	A DIA	B DIA	C DIA	D LENGTH
3	.150 (3.8)	.230 (5.8)	.395 (10.0)	2.937 (74.6)
	.110 (2.8)	.190 (4.8)	.363 (9.2)	2.812 (71.4)
4	.240 (6.1)	.322 (8.2)	.521 (13.2)	2.812 (71.4)
	.200 (5.1)	.282 (7.2)	.489 (12.4)	2.687 (68.2)
6	.332 (8.4)	.447 (11.4)	.635 (16.1)	2.687 (68.2)
	.292 (7.4)	.407 (10.3)	.603 (15.3)	2.562 (65.1)
8	.464 (11.8)	.579 (14.7)	.760 (19.3)	2.562 (65.1)
	.410 (10.4)	.525 (13.3)	.728 (18.5)	2.437 (61.9)
10	.589 (15.0)	.652 (16.6)	.905 (23.0)	2.437 (61.9)
	.535 (13.6)	.535 (13.6)	.873 (22.2)	2.312 (58.7)
12	.652 (16.6)	.767 (19.5)	1.100 (27.9)	2.312 (58.7)
	.598 (15.2)	.713 (18.1)	1.068 (27.1)	2.187 (55.5)
16	.777 (19.7)	.954 (24.2)	1.330 (33.8)	2.187 (55.5)
	.723 (18.4)	.900 (22.9)	1.298 (33.0)	2.125 (54.0)
20	.976 (24.8)	1.279 (32.5)	1.614 (41.0)	2.062 (52.4)
	.898 (22.8)	1.201 (30.5)	1.582 (40.2)	1.937 (49.2)
24	1.289 (32.7)	1.404 (35.7)	1.863 (47.3)	1.937 (49.2)
	1.211 (30.8)	1.326 (33.7)	1.831 (46.5)	1.812 (46.0)
28	1.414 (35.9)	1.653 (42.0)	2.101 (53.4)	1.812 (46.0)
	1.336 (33.9)	1.575 (40.0)	2.069 (52.6)	1.687 (42.8)
32	1.675 (42.5)	1.915 (48.6)	2.351 (59.7)	1.687 (42.8)
	1.573 (40.0)	1.813 (46.1)	2.319 (58.9)	1.562 (39.7)
40	1.925 (48.9)	2.415 (61.3)	2.851 (72.4)	1.562 (39.7)
	1.823 (46.3)	2.313 (58.8)	2.819 (71.6)	1.437 (36.5)

TABLE 2 - FIGURE 2 DIMENSIONS

DASH NUMBER	A DIA	B DIA
3	.150 (3.8)	.230 (5.8)
	.110 (2.8)	.190 (4.8)
4	.240 (6.1)	.322 (8.2)
	.200 (5.1)	.282 (7.2)
6	.332 (8.4)	.447 (11.4)
	.292 (7.4)	.407 (10.3)
8	.464 (11.8)	.579 (14.7)
	.410 (10.4)	.525 (13.3)
10	.464 (11.8)	.642 (16.3)
	.410 (10.4)	.588 (14.9)
12	.568 (14.4)	.767 (19.5)
	.514 (13.1)	.713 (18.1)
16	.777 (19.7)	.954 (24.2)
	.723 (18.4)	.900 (22.9)
18	.976 (24.8)	1.142 (29.0)
	.898 (22.8)	1.088 (27.6)
20	.976 (24.8)	1.279 (32.5)
	.898 (22.8)	1.201 (30.5)
24	1.164 (29.6)	1.404 (35.7)
	1.086 (27.6)	1.326 (33.7)
28	1.289 (32.7)	1.653 (42.0)
	1.211 (30.8)	1.575 (40.0)
32	1.676 (42.6)	1.916 (48.7)
	1.574 (40.0)	1.814 (46.1)
40	1.926 (48.9)	2.416 (61.4)
	1.824 (46.3)	2.314 (58.8)



AEROSPACE STANDARD

BUSHING, CABLE CLAMP TO CABLE,
TELESCOPING FOR AS85049 CABLE CLAMPS
CATEGORY 9

AS85049™/139
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C

REQUIREMENTS: DESIGN AND CONSTRUCTION:

1. DIMENSIONS AND CONFIGURATION: SEE FIGURES 1 AND 2, TABLES 1 AND 2. DIMENSIONS ARE IN INCHES. METRIC EQUIVALENTS IN PARENTHESES ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED ON 25.4 MM = 1 INCH.
2. MATERIAL: SEE TABLE 3.

TABLE 3 - MATERIAL

MATERIAL DESIGNATOR FIGURE 1	MATERIAL DESIGNATOR FIGURE 2	MATERIAL
OMIT	A	NEOPRENE IN ACCORDANCE WITH AMS3208, BLACK. -40 TO +100 °C (-40 TO +212 °F).
C	D	SILICONE IN ACCORDANCE WITH AA-59588 CLASS 2A OR 2B, GRADE 50, RED. -70 TO +200 °C (-94 TO +392 °F).
K	L	FLUROSILICONE OR FLUROSILICONE BLEND IN ACCORDANCE WITH MIL-DTL-25988, TYPE II, CLASS 1, GRADE 50, BLUE. -70 TO +200 °C (-94 TO +392 °F).

3. PART OR IDENTIFYING NUMBER (PIN):

THE M85049 PART NUMBER LISTED BELOW IS RECOMMENDED FOR ALL NEW DESIGN APPLICATIONS. THE MS3420 PART NUMBER LISTED BELOW IS RECOMMENDED FOR REPLACEMENT PURPOSES ONLY. SEE TABLE 4 FOR A PART NUMBER CROSS REFERENCE.

M85049/139 - 8 D

BASIC PART NUMBER _____

DASH NUMBER (TABLE 1) _____

MATERIAL DESIGNATOR (TABLE 3) _____

MS3420 - 8 D

BASIC PART NUMBER _____

DASH NUMBER (TABLE 1) _____

MATERIAL DESIGNATOR (TABLE 3) _____

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