

FED. SUPPLY CLASS

5365

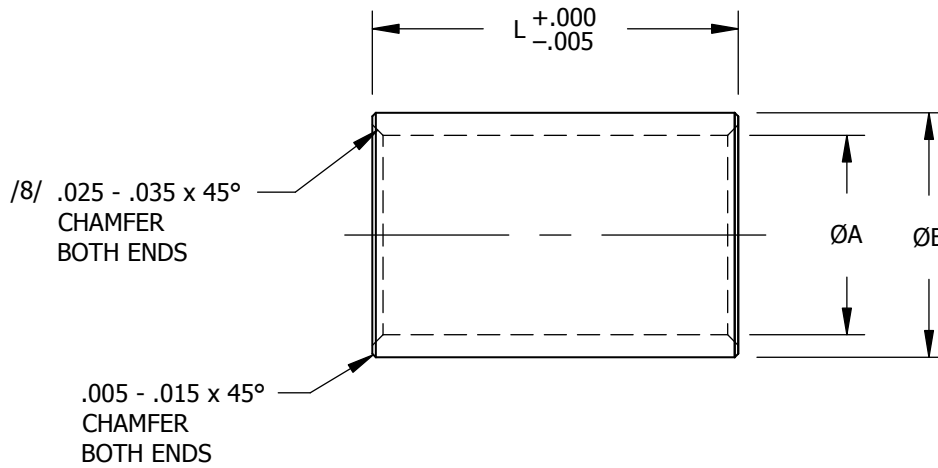


TABLE I – DIMENSIONS

SIZE DASH NUMBER	NOM DIA FOR REAM HOLE	DIMENSIONS		REFERENCE DATA	
		$\varnothing A$	$\varnothing B$	WT (LBS) = L x K	
				K IN LB/INCH OF LENGTH	
				STEEL	ALUMINUM BRONZE
3	.190	.1790 $+0.0050$ -0.0000	.3136 $+0.0000$ -0.0005	.0138	.0136
4	.250	.2380 $+0.0050$ -0.0000	.3761 $+0.0000$ -0.0005	.0176	.0174
5	.312	.3010 $+0.0050$ -0.0000	.4386 $+0.0000$ -0.0005	.0210	.0208
6	.375	.3590 $+0.0070$ -0.0000	.5013 $+0.0000$ -0.0007	.0246	.0244
7	.437	.4220 $+0.0070$ -0.0000	.5638 $+0.0000$ -0.0007	.0282	.0278
8	.500	.4840 $+0.0070$ -0.0000	.6265 $+0.0000$ -0.0008	.0318	.0314
9	.562	.5460 $+0.0070$ -0.0000	.6892 $+0.0000$ -0.0010	.0354	.0348
10	.625	.6090 $+0.0070$ -0.0000	.8142 $+0.0000$ -0.0010	.0606	.0596
11	.687	.6710 $+0.0070$ -0.0000	.8767 $+0.0000$ -0.0010	.0660	.0650
12	.750	.7340 $+0.0070$ -0.0000	.9393 $+0.0000$ -0.0010	.0712	.0702
14	.875	.8590 $+0.0070$ -0.0000	1.0648 $+0.0000$ -0.0010	.0820	.0810
16	1.000	.9840 $+0.0070$ -0.0000	1.1898 $+0.0000$ -0.0010	.0926	.0914
18	1.125	1.0940 $+0.0120$ -0.0000	1.3148 $+0.0000$ -0.0010	.1032	.1018
20	1.250	1.2190 $+0.0120$ -0.0000	1.4399 $+0.0000$ -0.0010	.1138	.1122

9 COMPLETELY REVISED

THIRD ANGLE PROJECTION		CUSTODIAN		REVISION	
		NATIONAL AEROSPACE STANDARDS COMMITTEE		9	
		TITLE		CLASSIFICATION PART STANDARD	
PROCUREMENT SPECIFICATION	BUSHING, SLEEVE, PRESS FIT, UNDERSIZE INSIDE DIAMETER		DASH 537		
NONE			SHEET 1 OF 4		

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ARLINGTON, VA 22209

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PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.

FORM 09-01

REVISION DATE: APRIL 27, 2012

ISSUE DATE: OCTOBER 1953

MATERIAL:

- ⑨ ALLOY STEEL – 4130 (UNS G41300) PER MIL-S-6758 AMS-S-6758 OR AMS6346, OR 8630 (UNS G86300) PER MIL-S-6050 AMS6280 OR EQUIVALENT. SEAMLESS ALLOY STEEL TUBING MAY BE USED AS AN OPTIONAL MATERIAL PROVIDED THE FINISHED PRODUCT MEETS ALL OTHER REQUIREMENTS OF THIS DRAWING. WHEN 4130 ALLOY STEEL PER AMS6346 OR AMS-S-6758, CONDITION F-4 IS USED, HEAT TREATMENT IS NOT REQUIRED AND THE HARDNESS SHALL BE VERIFIED IN ACCORDANCE WITH AMS2759.

CRES – 17-4PH (UNS S17400) PER AMS5643

ALUMINUM BRONZE – ALLOY 642 (UNS C64200) PER ASTM B 150/B 150M, CONDITION HR50 (TENSILE TEST, CERTIFICATION AND MILL TEST REPORTS REQUIRED) OR ALLOY 630 (UNS C63000) PER AMS4640.

HEAT TREATMENT:

ALLOY STEEL – HEAT TREATED PER AMS2759 TO 125,000 - 145,000 PSI.

CRES – PRECIPITATION HEAT TREAT AMS2759 TO CONDITION H 1025.

FINISH:

- ⑨ ALLOY STEEL – NO FINISH; OR
CADMIUM PLATING PER AMS-QQ-P-416, TYPE II, CLASS 2; OR
ALUMINUM COAT PER NAS4006, OUTSIDE DIAMETER ONLY; NO OVERSPRAY

CRES – NO FINISH IMPLIES PASSIVATION PER AMS2700, METHOD 1, CLASS 4; OR
CADMIUM PLATING PER AMS-QQ-P-416, TYPE II, CLASS 2; OR
ALUMINUM COAT PER NAS4006, OUTSIDE DIAMETER ONLY; NO OVERSPRAY

ALUMINUM BRONZE – NO FINISH; OR
CADMIUM PLATING PER AMS-QQ-P-416, TYPE II, CLASS 2, DYED A LIGHT YELLOW COLOR WHICH WILL NOT RUB OFF BY CONTACT INCIDENTAL TO HANDLING AND SERVICE AND SHALL NOT BE INJURIOUS TO THE MATERIAL. HOLES ARE ACCEPTABLE PLATED, UNPLATED OR WITH INCOMPLETE PLATING; OR
ALUMINUM COAT PER NAS4006, OUTSIDE DIAMETER ONLY; NO OVERSPRAY, DYED LIGHT BLUE COLOR ON ONE END WITH COLOR WHICH WILL NOT RUB OFF BY CONTACT INCIDENTAL TO HANDLING AND SERVICE AND SHALL NOT BE INJURIOUS TO THE MATERIAL.

CODES:

FIRST DASH NUMBER INDICATES SIZE, DIAMETER.

SECOND DASH NUMBER INDICATES LENGTH, IN .010 INCH INCREMENTS. (USE THREE DIGIT CALLOUT)

MATERIAL IS INDICATED BY LETTER FOLLOWING THE BASIC NUMBER.

"-" (NO LETTER) INDICATES ALLOY STEEL.

"B" INDICATES ALUMINUM BRONZE.

"C" INDICATES CRES

FINISH IS INDICATED BY A LETTER BETWEEN THE FIRST AND SECOND DASH NUMBER.

"P" INDICATES CADMIUM PLATING.

"A" INDICATES ALUMINUM COAT

"-" INDICATES NO FINISH (CRES IS PASSIVATED)

"W" FOLLOWING THE SECOND DASH NUMBER INDICATES BUSHING WITHOUT CHAMFERS ON INSIDE DIAMETER

REVISION

9

⑨ COMPLETELY REVISED



Documents
SHEET 2

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