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REV.
B

AS3220™

FEDERAL SUPPLY CLASS
4730

RATIONALE

QML STATEMENT REVISED. HEAT TREATMENT NOTE 2 ADDED. "INTENDED USE" NOTE REVISED. TABLE 2 REMOVED. "INACTIVE" STATUS REPLACED BY "NOT RECOMMENDED". FINISH NOTES 2.a.2 AND 2.b.2 REVISED.

CIRCULARITY:
THE CIRCULARITY FOR DIAMETERS B, C, F & G SHALL NOT EXCEED .003 FOR SIZES -02 THRU -08 AND SHALL NOT EXCEED .004 FOR SIZES -10 THRU -48

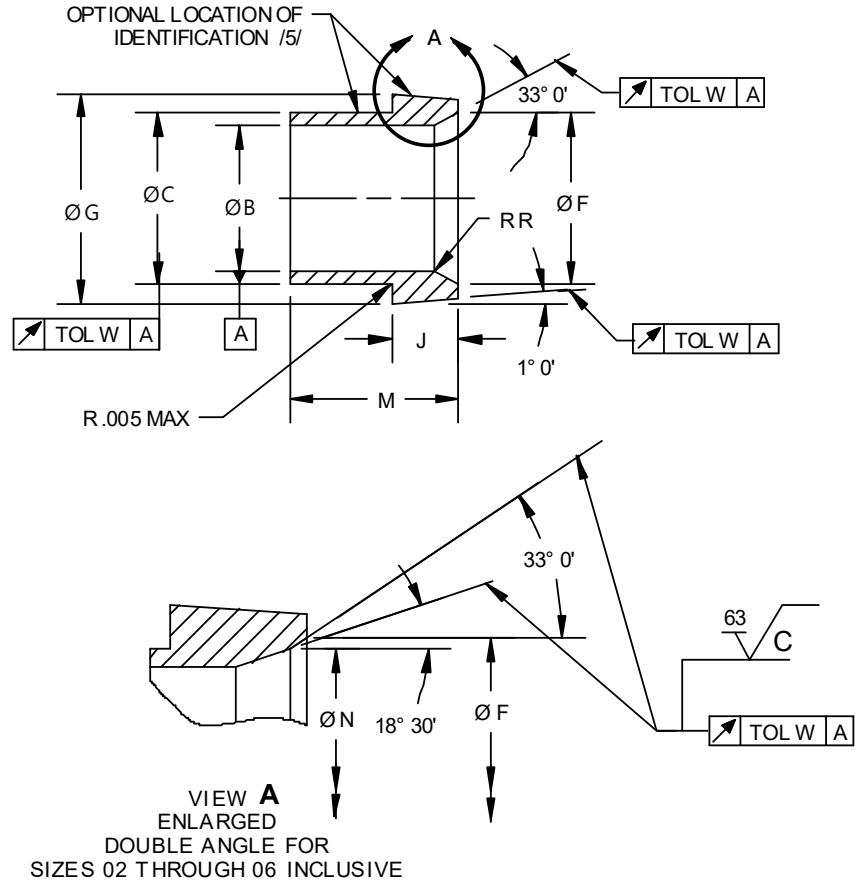
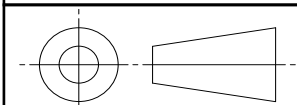


FIGURE 1 - FITTING, SLEEVE

NOT RECOMMENDED IN PART /15/, /16/

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3220B>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4841 /4/



AEROSPACE STANDARD

(R) FITTING, SLEEVE, FLARED, ALUMINUM

AS3220™
SHEET 1 OF 4

REV.
B

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TABLE 1 - DIMENSIONS AND WEIGHTS, IN-LB UNITS

BASIC NO. AS3220 /14/ SIZE CODE	(NOMINAL TUBE SIZE)	B +.003 -.000	C +.000 -.003	F ±.005	G +.000 -.003	J	M	N ±.005	R	W	LB/100 APPROX REF
02	.125	.130	.172	.205	.270	.125	.344	.178	-	.0025	.0699
03	.187	.193	.234	.267	.332	.141	.406	.240	-	.0025	.108
04	.250	.255	.297	.316	.386	.141	.406	.288	-	.0025	.132
05	.312	.318	.366	.375	.448	.156	.438	.348	-	.0025	.185
06	.375	.380	.432	.441	.505	.172	.500	.414	-	.0025	.245
08	.500	.505	.562	.589	.685	.219	.562	-	.062	.0025	.502
10	.625	.631	.690	.705	.800	.234	.656	-	.062	.0025	.672
12	.750	.756	.826	.880	.975	.266	.688	-	.078	.0025	.812
16	1.000	1.006	1.081	1.130	1.225	.281	.781	-	.094	.005	1.579
20	1.250	1.260	1.339	1.412	1.537	.312	.906	-	.094	.005	2.651
24	1.500	1.510	1.609	1.630	1.787	.344	1.125	-	.109	.005	4.198
28	1.750	1.762	1.882	1.945	2.162	.375	1.125	-	.109	.005	6.791
32	2.000	2.014	2.159	2.195	2.411	.406	1.188	-	.109	.005	8.861
40	2.500	2.516	2.659	2.695	2.914	.469	1.312	-	.109	.005	12.297
48	3.000	3.016	3.172	3.195	3.414	.531	1.375	-	.109	.005	16.390

NOTES:

/1/ MATERIAL:

- a. CODE LETTER D - TYPE 2014-T6 ALUMINUM ALLOY BAR PER AMS4121, OR TYPE 2024-T6 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/6, OR TYPE 2024-T851 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/6, OR TYPE 2024-T851 PER AMS4339. /14/, /15/
- b. CODE LETTER W - 7075-T73 ALUMINUM ALLOY FORGING PER AMS4141, OR AMS-QQ-A-367, OR 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124, OR 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9. /15/, /16/

2. HEAT TREATMENT:

SEE ELECTRICAL CONDUCTIVITY AND HARDNESS REQUIREMENT PER PROCUREMENT SPECIFICATION.

/3/ FINISH:

a. MATERIAL CODE LETTER D:

1. ANODIZE PER AMS2472 OR MIL-A-8625, TYPE II, CLASS 2, DYE BLUE, DUPLEX SEAL PER PROCUREMENT SPECIFICATION.
2. D CODE PARTS TO BE COATED WITH HIGH PURITY ALUMINUM ONLY WILL HAVE THE FINISH CODE LETTER "V" PLACED AFTER THE SIZE CODE IN THE PART NUMBER. HIGH PURITY ALUMINUM COAT PER PROCUREMENT SPECIFICATION. /14/

b. MATERIAL CODE LETTER W:

1. ANODIZE PER AMS2472 OR MIL-A-8625, TYPE II, CLASS 2, DYE BROWN, DUPLEX SEAL PER PROCUREMENT SPECIFICATION.
2. W CODE PARTS TO BE COATED WITH HIGH PURITY ALUMINUM ONLY WILL HAVE THE FINISH CODE LETTER "V" PLACED AFTER THE SIZE CODE IN THE PART NUMBER. HIGH PURITY ALUMINUM COAT PER PROCUREMENT SPECIFICATION. /14/

	AEROSPACE STANDARD		AS3220™ SHEET 1 OF 1	REV. B
	(R) FITTING, SLEEVE, FLARED, ALUMINUM			