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REV.
B

AS5160™

FEDERAL SUPPLY CLASS
4730

RATIONALE

"NOT RECOMMENDED" NOTE ADDED ON SHEET ONE. MATERIAL MIL-S-5626 DELETED FROM NOTE 1a. MATERIAL SPEC FOR ALUMINUM 2024 REVISED TO CURRENT SPECIFICATION. HEAT TREATMENT NEW NOTE 2b ADDED. ADDITIONAL SPEC ADDED TO ALUMINUM FOR ANODIZING. QML STATEMENT REVISED. "INTENDED USE" NOTE REVISED. GENERAL UPDATES INCORPORATED.

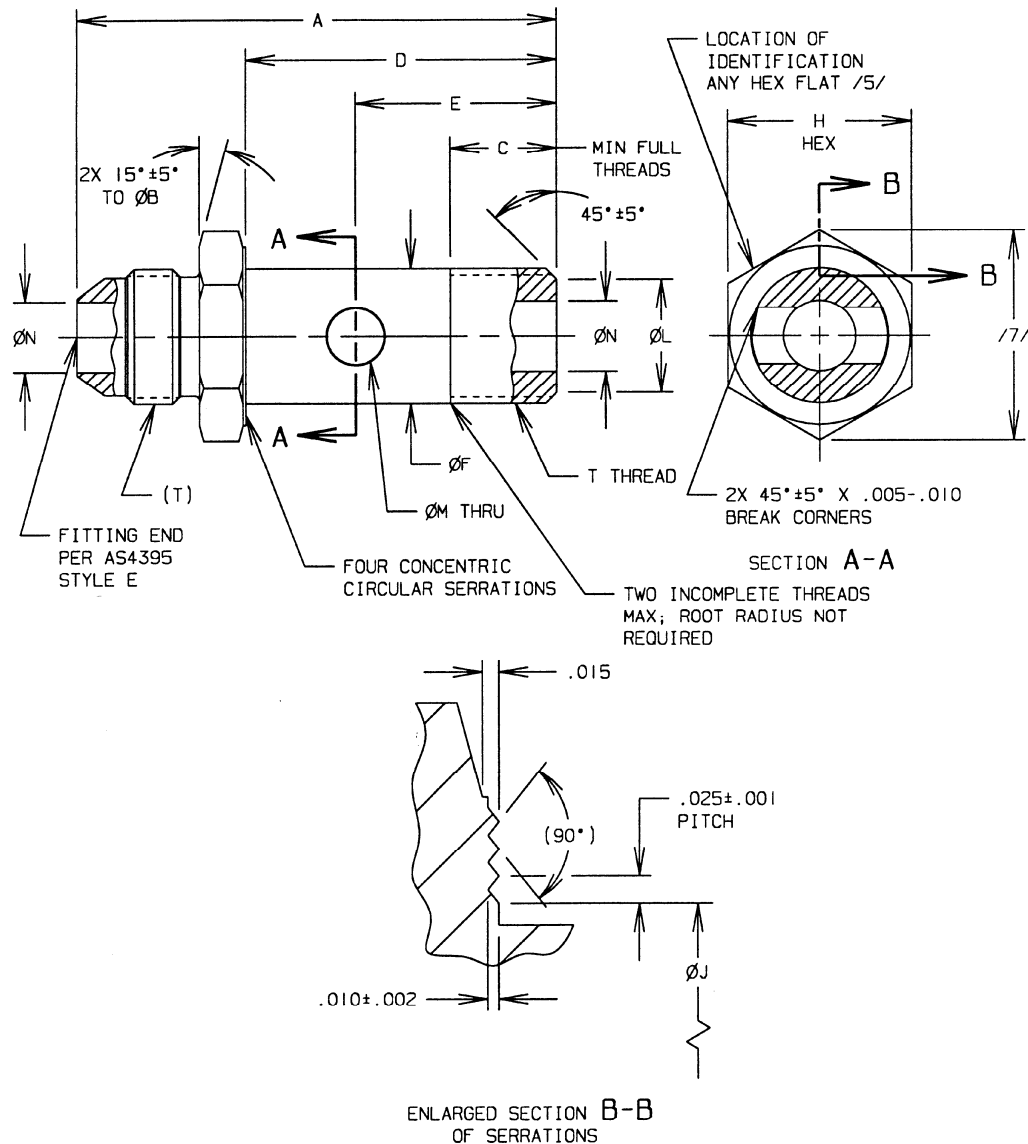
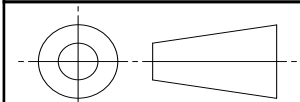


FIGURE 1 - FITTING, BOLT

NOT RECOMMENDED IN PART 17/

For more information on this standard, visit
<https://www.sae.org/standards/content/AS5160B>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3

PROCUREMENT SPECIFICATION: AS4841 /4/



AEROSPACE STANDARD

(R) FITTING, BOLT, FLARED

AS5160™
SHEET 1 OF 4

REV.
B

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TABLE 1A - DIMENSIONS

BASIC NO. AS5160 /13/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER AS8879 CLASS 3A	A	B ±.010	C	D	E ±.010	F ±.002
04	.250	.4375-20 UNJF	1.922	.668	.438	1.188	.781	.433
05	.312	.5000-20 UNJF	1.922	.730	.438	1.188	.781	.496
06	.375	.5625-18 UNJF	2.125	.792	.469	1.344	.875	.558
08	.500	.7500-16 UNJF	2.594	.980	.562	1.688	1.094	.746
10	.625	.8750-14 UNJF	3.000	1.103	.594	1.969	1.250	.871
12	.750	1.0625-12 UNJ	3.484	1.352	.656	2.312	1.468	1.058
16	1.000	1.3125-12 UNJ	4.094	1.603	.656	2.812	1.687	1.308

TABLE 1B - DIMENSIONS AND WEIGHTS

BASIC NO. AS5160 /13/ SIZE CODE	H	J ±.005	L	M	N	LB/EA MAX AL	LB/EA MAX STEEL	LB/EA MAX TI
04	.678-.691	.474	.344	.188	.168-.175	.0287	.0825	.0455
05	.740-.753	.536	.406	.219	.230-.237	.0343	.0985	.0543
06	.802-.815	.599	.469	.250	.293-.301	.0448	.129	.0710
08	.990-1.003	.786	.625	.312	.387-.395	.0937	.269	.148
10	1.113-1.128	.911	.750	.375	.480-.488	.138	.397	.219
12	1.363-1.380	1.099	.938	.438	.604-.614	.230	.662	.365
16	1.613-1.630	1.349	1.188	.625	.839-.851	.359	1.03	.569

NOTES:

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE.

/1/ MATERIAL:

- DASH AS CODE LETTER - TYPE 1137 CARBON STEEL PER ASTM A 108 OR TYPE 4130 PER AMS-S-6758 OR AMS6370 OR TYPE 4140 PER AMS6382.
- CODE LETTER D - TYPE 2024-T6 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/6 OR TYPE 2024-T851 ALUMINUM ALLOY BAR PER QQ-A-225/6 OR AMS4339. /17/
- CODE LETTER J - TYPE 304 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5639.
- CODE LETTER K - TYPE 316 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5648.
- CODE LETTER R - TYPE 321 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5645.
- CODE LETTER T - TYPE 6AL-4V TITANIUM ALLOY BAR PER AMS4928.
- CODE LETTER W - TYPE 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9 OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124.

	AEROSPACE STANDARD		AS5160™ SHEET 2 OF 4	REV. B
	(R) FITTING, BOLT, FLARED			

Documents



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