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REV.
A

SAE AS5160

FEDERAL SUPPLY CLASS
4730

RATIONALE

AS5160A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

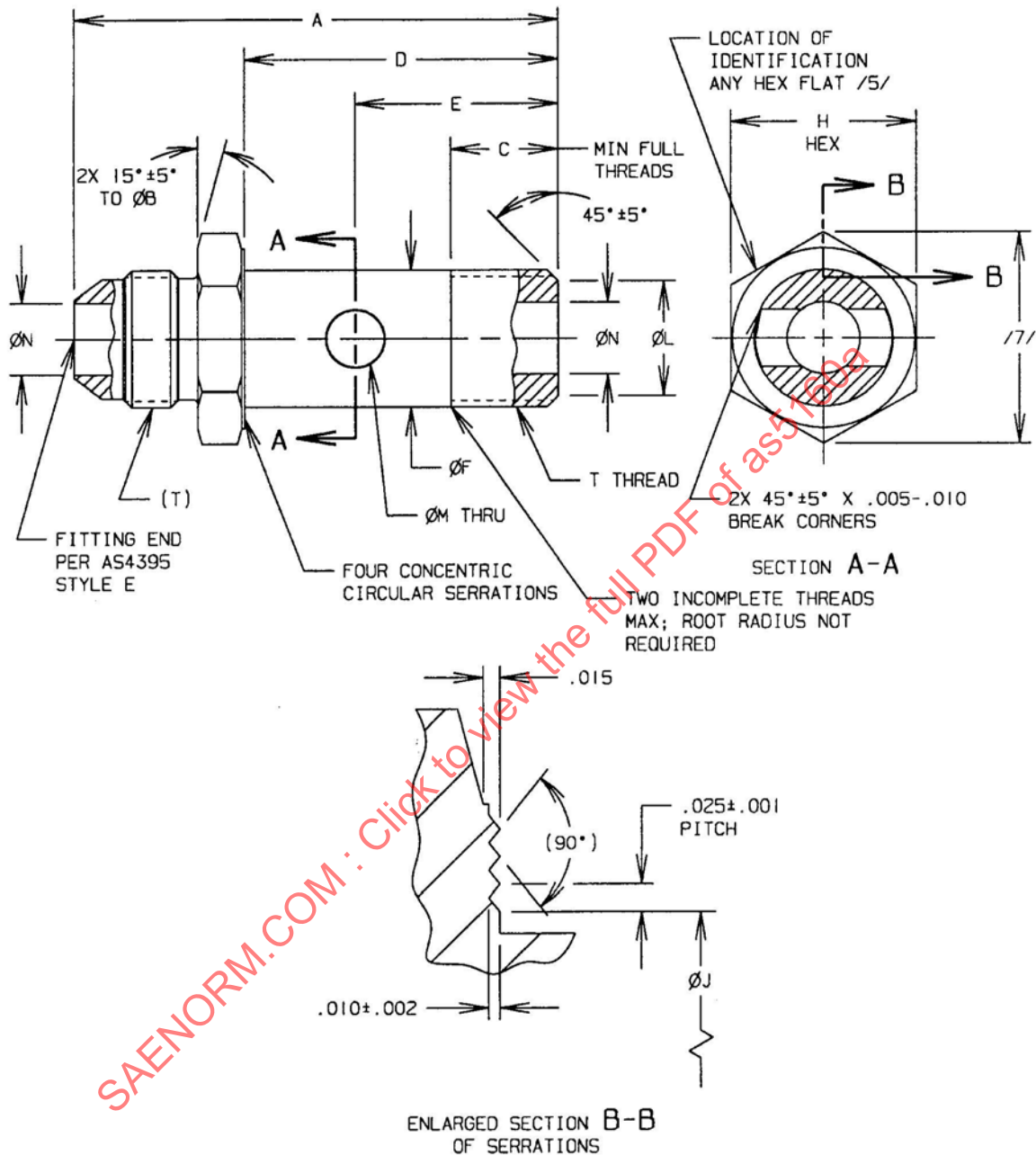
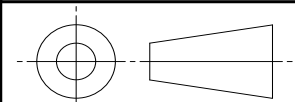


FIGURE 1 - FITTING, BOLT

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ AS4841

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

FITTING, BOLT, FLARED

SAE AS5160
SHEET 1 OF 3

REV.
A

TABLE 1A - DIMENSIONS

BASIC NO. AS5160 /13/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER MIL-S-8879 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:

/1/ MATERIAL:

- DASH AS CODE LETTER - TYPE 1137 CARBON STEEL PER ASTM A 108 OR TYPE 4130 PER MIL-S-6758 OR AMS 6370 OR TYPE 4140 PER MIL-S-5626 OR AMS 6382. /2/
- CODE LETTER D - TYPE 2024-T6 ALUMINUM ALLOY BAR PER QQ-A-225/6 OR AMS 4112 OR TYPE 2024-T851 ALUMINUM ALLOY BAR PER QQ-A-225/6.
- CODE LETTER J - TYPE 304 CORROSION RESISTANT STEEL BAR PER QQ-S-763 OR AMS 5639.
- CODE LETTER K - TYPE 316 CORROSION RESISTANT STEEL BAR PER QQ-S-763 OR AMS 5648.
- CODE LETTER R - TYPE 321 CORROSION RESISTANT STEEL BAR PER QQ-S-763 OR AMS 5645.
- CODE LETTER T - TYPE 6AL-4V TITANIUM ALLOY BAR PER AMS 4928.
- CODE LETTER W - TYPE 7075-T73 ALUMINUM ALLOY BAR PER QQ-A-225/9 OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS 4124.