

FEDERAL SUPPLY CLASS
4730

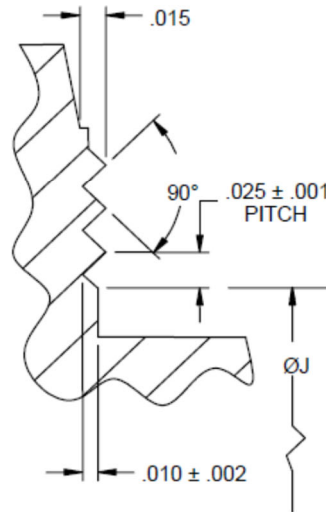
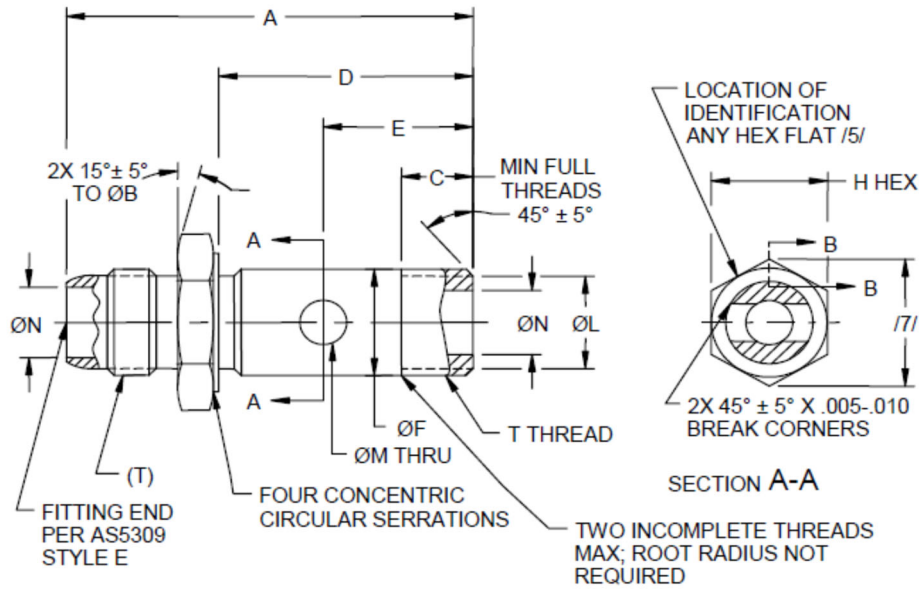
**REV.
B**

RATIONALE

QML STATEMENT REVISED. "INTENDED USE" NOTE REVISED. NOTES 6A AND 6B DELETED. GENERAL UPDATES INCORPORATED.

AS6075™

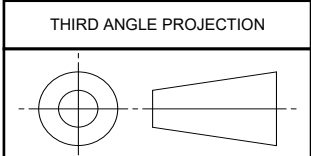
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ENLARGED SECTION B-B OF SERRATIONS

FIGURE 1 - FITTING, BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS6075B/>



CUSTODIAN: G-3

PROCUREMENT SPECIFICATION: AS4841 /4/



AEROSPACE STANDARD

FITTING, BOLT, FLARED,
37° SPHERICAL

AS6075™
SHEET 1 OF 4

**REV.
B**

ISSUED 2011-05 REVISED 2020-03

TABLE 1A - DIMENSIONS

BASIC NO. AS6075 /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. AS6075 /13/ SIZE CODE	H	J ±.005	L	M	N	LB/EA APPROX REF AL	LB/EA APPROX REF STEEL	LB/EA APPROX REF 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:

- a. CODE LETTER F - TYPE 4130 PER AMS6370 OR TYPE 4140 PER AMS6382.
- b. CODE LETTER J - TYPE 304 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5639.
- c. CODE LETTER K - TYPE 316 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5648.
- d. CODE LETTER R - TYPE 321 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5645.
- e. CODE LETTER T - TYPE 6Al-4V TITANIUM ALLOY BAR PER AMS4928.
- f. 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		AS6075™ SHEET 2 OF 4	REV. B
	FITTING, BOLT, FLARED, 37° SPHERICAL			