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REV.
D

AS5406

FEDERAL SUPPLY CLASS
4730

RATIONALE

UPDATED HEAT TREATMENT AND HARDNESS AND FINISHES, ADDED CADMIUM NOTICE, RECOMMENDATIONS, NADCAP QML REQUIREMENTS AND SUFFIX CODE LETTERS, REMOVED PRESSURE RECOMMENDATIONS, CLARIFIED USE OF STYLE DESIGNATION "H" AND REMOVED INACTIVATION NOTE.

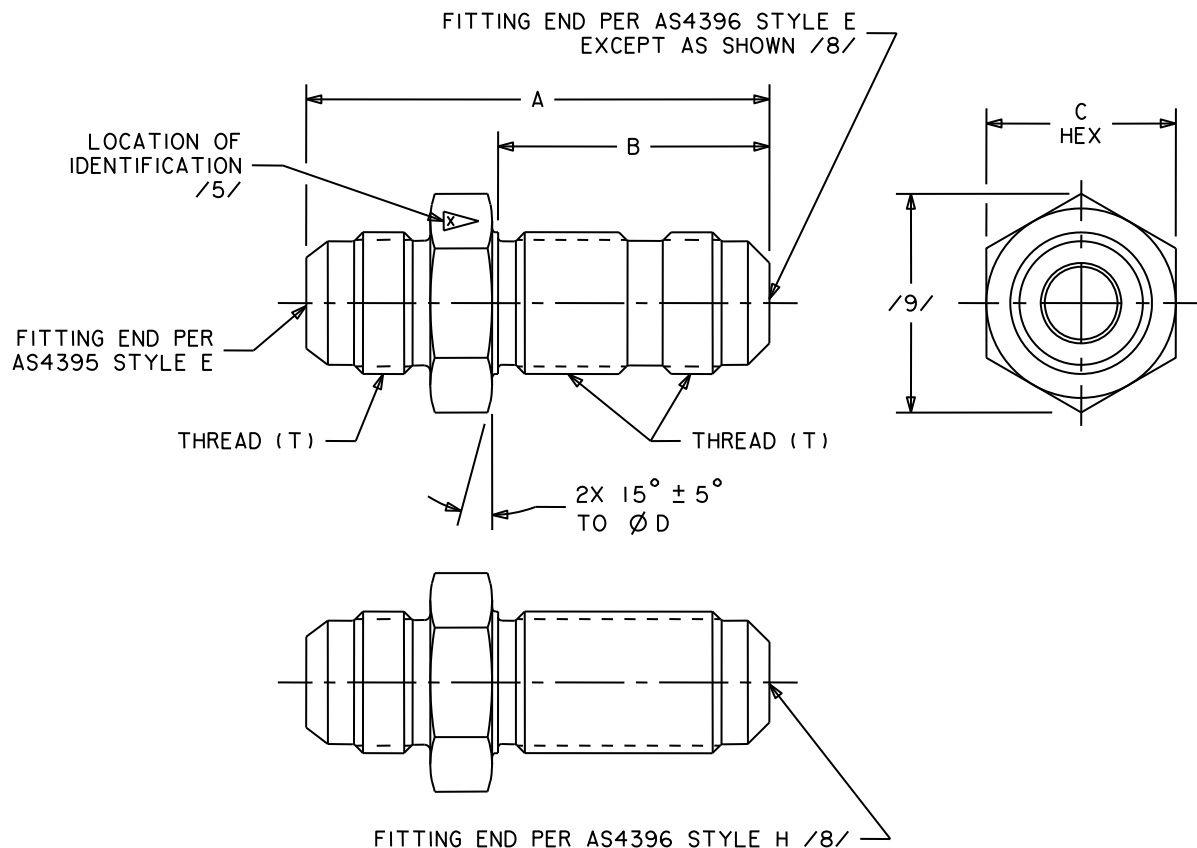
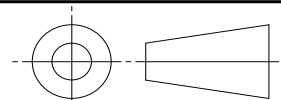


FIGURE 1 - FITTING, UNION

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<http://www.sae.org/technical/standards/AS5406D>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: /6/ AS4841



AEROSPACE STANDARD

(R) FITTING, UNION, TUBE, .375 BULKHEAD

AS5406
SHEET 1 OF 4

REV.
D

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TABLE 1 - DIMENSIONS

BASIC NO. AS5406 /17/ SIZE CODE	NOMINAL TUBE SIZE	T THREAD PER AS8879	A	B	C	D ± .010
02	.125	.3125-24 UNJF-3A	1.828	1.109	.552- .565	.542
03	.188	.3750-24 UNJF-3A	1.859	1.109	.615- .628	.605
04	.250	.4375-20 UNJF-3A	2.047	1.203	.678- .691	.668
05	.312	.5000-20 UNJF-3A	2.047	1.203	.740- .753	.730
06	.375	.5625-18 UNJF-3A	2.219	1.281	.802- .815	.792
08	.500	.7500-16 UNJF-3A	2.453	1.437	.990-1.003	.980
10	.625	.8750-14 UNJF-3A	2.719	1.578	1.113-1.128	1.103
12	.750	1.0625-12 UNJ-3A	3.031	1.750	1.363-1.380	1.353
16	1.000	1.3125-12 UNJ-3A	3.078	1.750	1.613-1.630	1.603
20	1.250	1.6250-12 UNJ-3A	3.156	1.797	1.863-1.880	1.853
24	1.500	1.8750-12 UNJ-3A	3.312	1.812	2.109-2.135	2.099
28	1.750	2.2500-12 UNJ-3A	3.578	1.969	2.484-2.510	2.474
32	2.000	2.5000-12 UNJ-3A	3.828	2.094	2.734-2.760	2.724

NOTES:

NOTICE

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

/1/ MATERIAL:

MATERIAL CODE LETTERS:

- a. A DASH ("-") AS A MATERIAL CODE, TYPE 4130 ALLOY STEEL BAR PER AMS6370 OR TYPE 4140 ALLOY STEEL BAR PER AMS6382. /2/
- b. MATERIAL CODE LETTER D, 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 AMS4339. /2/ /8/
- c. MATERIAL CODE LETTER J, TYPE 304 CORROSION RESISTANT STEEL BAR PER AMS5639.
- d. MATERIAL CODE LETTER K, TYPE 316 CORROSION RESISTANT STEEL BAR PER AMS5648.
- e. MATERIAL CODE LETTER R, TYPE 321 CORROSION RESISTANT STEEL BAR PER AMS5645.
- f. MATERIAL CODE LETTER T, 6Al-4V TITANIUM ALLOY BAR PER AMS4928.
- g. MATERIAL CODE LETTER W, TYPE 7075-T73 OR TYPE-T7351 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9 OR AMS4124. /2/

/2/ HEAT TREATMENT AND HARDNESS REQUIREMENTS:

- a. A DASH ("-") AS A MATERIAL CODE, HARDNESS SHALL BE 92 HRB TO 40 HRC PER PROCUREMENT SPECIFICATION.
- b. MATERIAL CODE LETTERS D AND W, ELECTRICAL CONDUCTIVITY AND HARDNESS PER PROCUREMENT SPECIFICATION.

	AEROSPACE STANDARD		AS5406 SHEET 2 OF 4	REV. D
	(R) FITTING, UNION, TUBE, .375 BULKHEAD			


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