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REV.
E

AS5192™

FEDERAL SUPPLY CLASS
4730

RATIONALE

OPTIONAL MATERIALS ADDED TO NOTE 1. HEAT TREATMENT NOTE 2, REVISED. QML STATEMENT REVISED. INTENDED USE NOTE REVISED, TABLE 2 REMOVED. USE OF TITANIUM AND CADMIUM IN OXYGEN OR POTABLE WATER SYSTEM WARNING NOTE REMOVED.

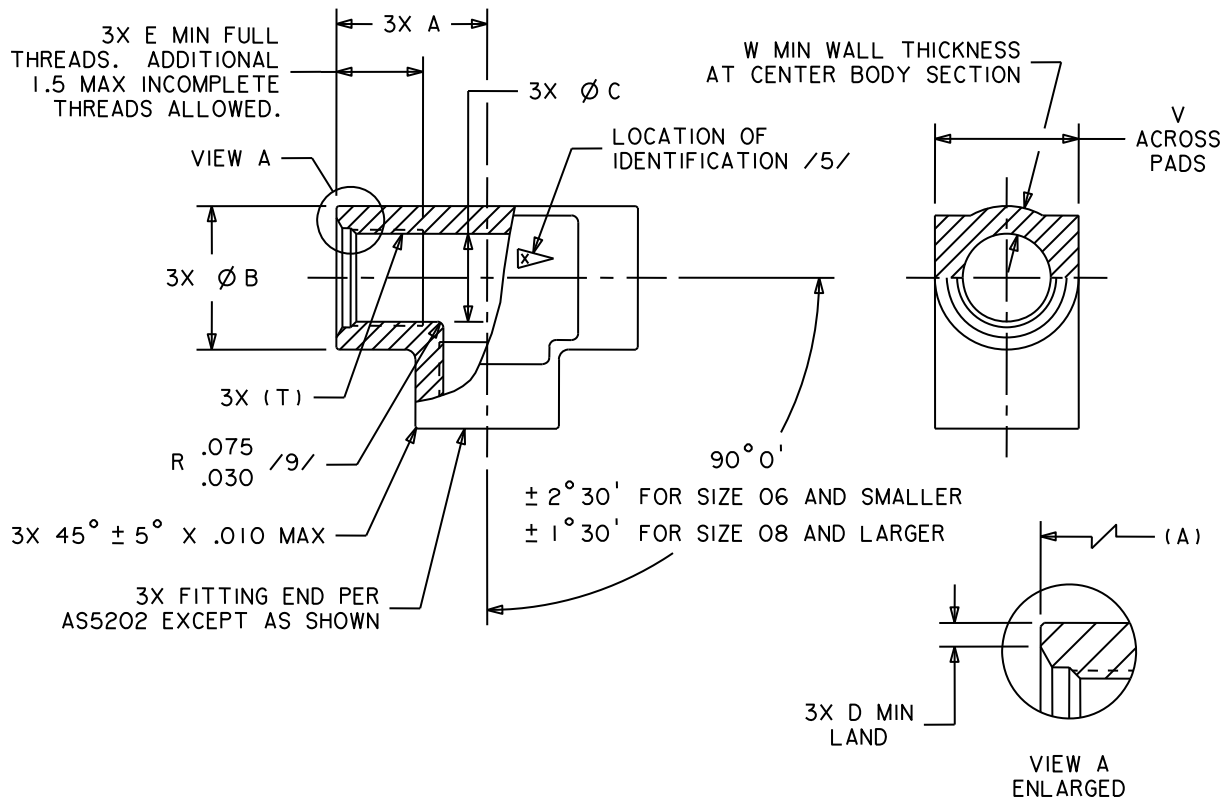
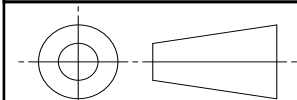


FIGURE 1 - FITTING, TEE

MATERIAL USAGE RECOMMENDATIONS /18/

For more information on this standard, visit
<https://www.sae.org/standards/content/AS5192E>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4875 /4/



AEROSPACE STANDARD

FITTING, TEE, INTERNAL
STRAIGHT THREAD PORT

AS5192™
SHEET 1 OF 4

REV.
E

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TABLE 1A - DIMENSIONS A-W

BASIC NO. AS5192 /17/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER AS8879 CLASS 3B	A	B ±.016	C +.000 -.015	D	E	V	W
04	.250	.4375-20 UNJF	.787	.688	.397	.040	.483	.735-.753	.050
05	.312	.5000-20 UNJF	.787	.750	.459	.040	.452	.735-.753	.050
06	.375	.5625-18 UNJF	.849	.813	.516	.040	.475	.797-.815	.050
08	.500	.7500-16 UNJF	1.037	1.063	.697	.071	.569	1.047-1.065	.050
10	.625	.8750-14 UNJF	1.193	1.188	.815	.071	.638	1.173-1.191	.070
12	.750	1.0625-12 UNJ	1.396	1.438	.991	.077	.730	1.418-1.443	.080
16	1.000	1.3125-12 UNJ	1.568	1.688	1.241	.077	.777	1.668-1.693	.090
20	1.250	1.6250-12 UNJ	1.771	2.000	1.553	.077	.824	1.980-2.005	.110

TABLE 1B - WEIGHTS

BASIC NO. AS5192 /17/ SIZE CODE	LB/EA APPROX REF AL	LB/EA APPROX REF STEEL	LB/EA APPROX REF TI
04	.0539	.155	.0854
05	.0534	.153	.0845
06	.0533	.153	.0844
08	.126	.362	.200
10	.170	.488	.269
12	.284	.814	.449
16	.378	1.09	.599
20	.510	1.47	.780

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 4130 STEEL FORGING OR BAR PER AMS6370 OR AMS-S-6758, OR TYPE 4140 STEEL BAR PER AMS6349 OR AMS6382. /2/
- CODE LETTER D - TYPE 2014-T6 ALUMINUM ALLOY FORGING PER AMS-QQ-A-367 OR AMS4133 OR 2024-T6 ALUMINUM ALLOY BAR PER AMS-QQ-225/6 OR TYPE 2024-T851 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/6 OR AMS4339. /2/ /18/
- CODE LETTER J - TYPE 304 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS-QQ-S-763 OR AMS5639.
- CODE LETTER K - TYPE 316 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS-QQ-S-763 OR AMS5648.
- CODE LETTER R - TYPE 321 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS-QQ-S-763 OR AMS5645.
- CODE LETTER S - TYPE 347 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS5646. /18/
- CODE LETTER T - TYPE 6AL-4V TITANIUM ALLOY FORGING OR BAR PER AMS4928.
- CODE LETTER W - TYPE 7075-T73 ALUMINUM ALLOY FORGING PER AMS-QQ-A-367 OR AMS4141; OR TYPE 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9; OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124. /2/

	AEROSPACE STANDARD		AS5192™ SHEET 2 OF 4	REV. E
	FITTING, TEE, INTERNAL STRAIGHT THREAD PORT			


Documents

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