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REV.
C

AS4688™

FEDERAL SUPPLY CLASS
4730

RATIONALE

- A. REVISE -6 PORT THREAD FROM .5625-16UNJF TO .5625-18UNJF (ERROR CORRECTION).
B. ADDED CONDUCTIVE HIGH PURITY ALUMINUM COATING FOR ALUMINUM ALLOY FITTINGS.

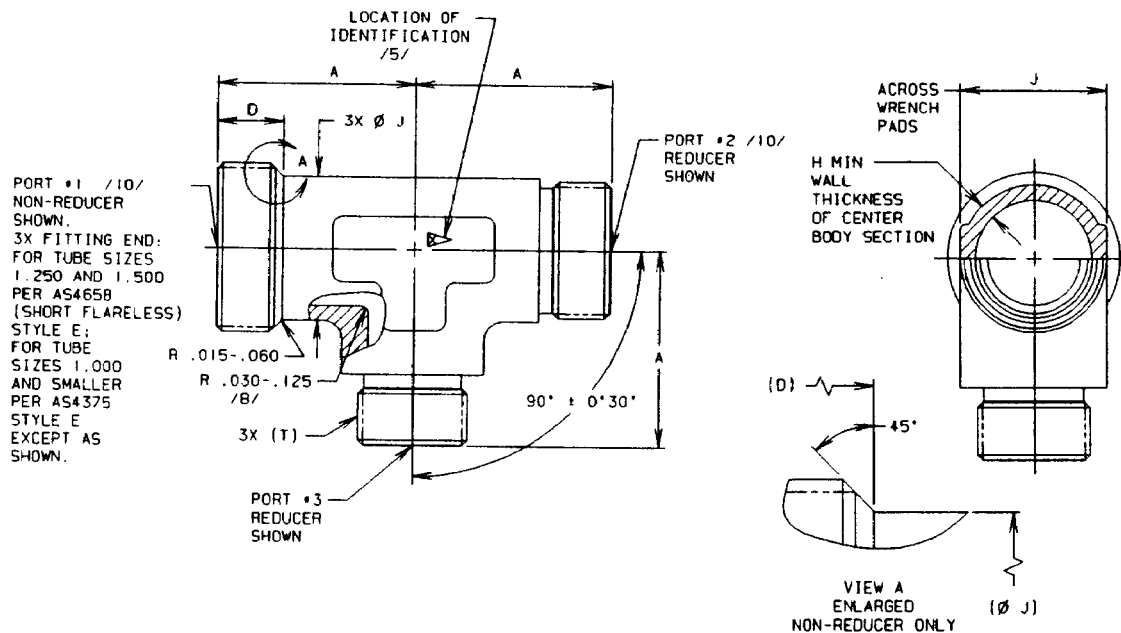


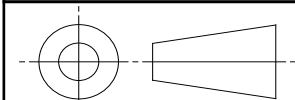
FIGURE 1 - FITTING, TEE, REDUCER

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. AS4688 /9/ /19/ SIZE CODE	D	H	J +.005 -.020	LB/EA APPROX REF ALUM	LB/EA APPROX REF CRES	LB/EA APPROX REF TI
20	.517	.124	1.375	.331	.960	.575
24	.614	.156	1.688	.497	1.441	.833

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Technical Report, please visit
<http://standards.sae.org/AS4688C>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /4/



AEROSPACE STANDARD

FITTING, TEE, REDUCER, FLARELESS
AND SHORT FLARELESS

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TABLE 2 - LEG LENGTH A

SIZE OF PORT	FORGING SIZE /9/ 20	FORGING SIZE /9/ 24
02	1.585	1.710
03	1.632	1.757
04	1.663	1.788
05	1.663	1.788
06	1.679	1.804
08	1.772	1.897
10	1.835	1.960
12	1.898	2.023
14	1.898	2.023
16	1.898	2.023
20	1.673	1.798
24	--	1.798

TABLE 3 - TUBE SIZE AND CORRESPONDING THREADS

PORT SIZE	(NOMINAL TUBE SIZE)	T THREAD PER AS8879 CLASS 3A
02	.125	.3125-24UNJF
03	.188	.3750-24UNJF
04	.250	.4375-20UNJF
05	.312	.5000-20UNJF
06	.375	.5625-18UNJF
08	.500	.7500-16UNJF
10	.625	.8750-14UNJF
12	.750	1.0625-12UNJ
14	.875	1.1875-12UNJ
16	1.000	1.3125-12UNJ
20	1.250	1.5625-12UNJ
24	1.500	1.8125-12UNJ

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AND SHORT FLARELESS**AS4688™**
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