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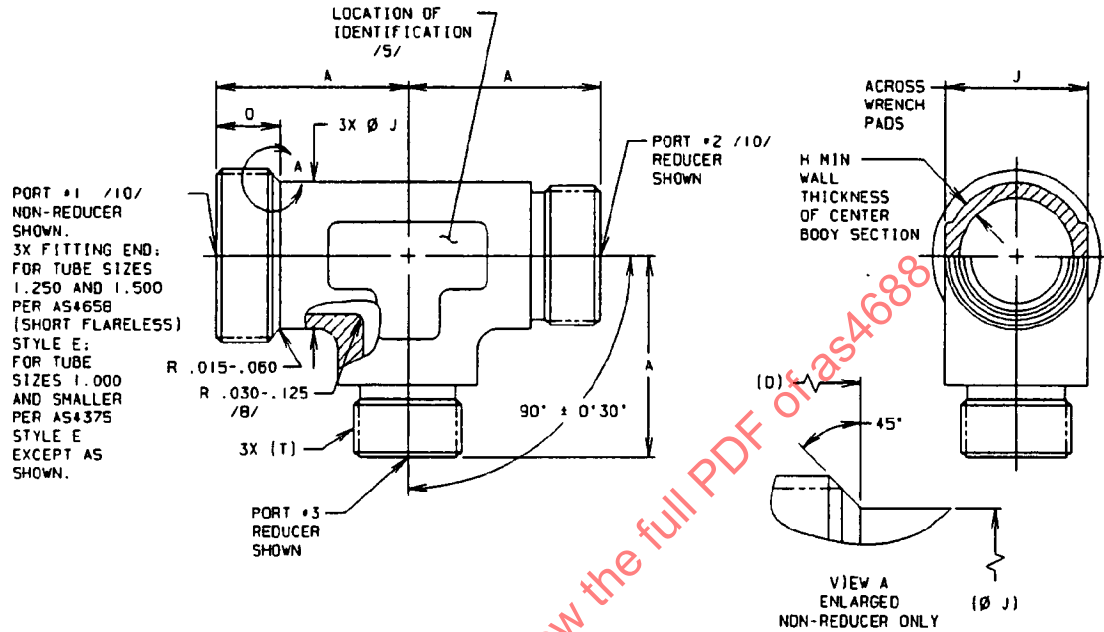
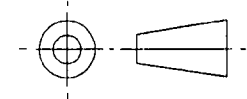


FIGURE 1 - TEE, REDUCER

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO.				LB/EA		
AS4688				MAX	MAX	MAX
/9/ /15/	J			ALUM	CRES	TI
SIZE CODE	D	H	+ .005/- .020			
20	.517	.124	1.375	.331	.960	.575
24	.614	.156	1.688	.497	1.441	.833

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ MIL-F-18280

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AEROSPACE STANDARD**AS4688**

TEE, REDUCER, FLARELESS AND SHORT FLARELESS

SHEET 1 OF 3

400 Commonwealth Drive, Warrendale, PA 15096-0001

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 MIL-S-8879
02	.125	.3125-24UNJF
03	.188	.3750-24UNJF
04	.250	.4375-20UNJF
05	.312	.5000-20UNJF
06	.375	.5625-16UNJF
08	.500	.7500-16UNJF
10	.625	.8750-12UNJ
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