

AS102

FEDERAL SUPPLY CLASS

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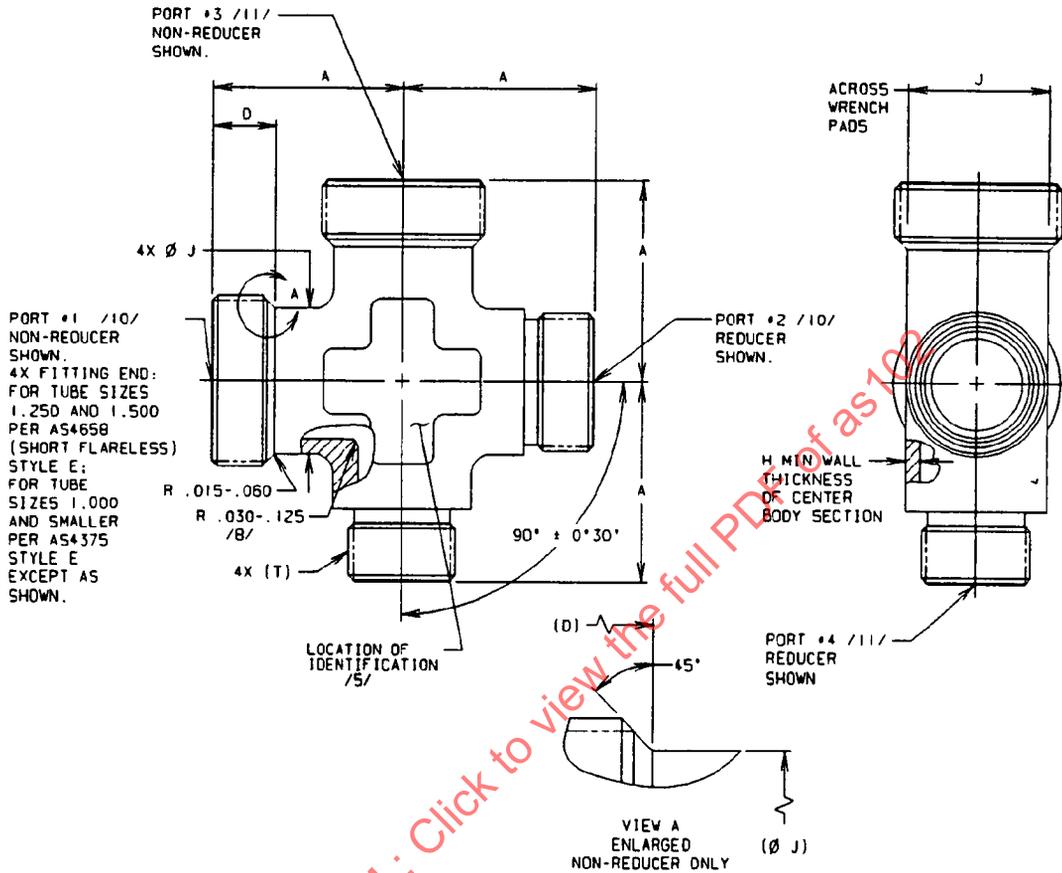
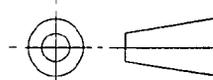


FIGURE 1 - CROSS, REDUCER

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. AS102 /9/ /17/ SIZE CODE	D	H	J +.005/- .020	LB/EA	LB/EA	LB/EA
				MAX	CRES	TI
20	.517	.124	1.375	.385	1.117	.650
24	.614	.156	1.688	.559	1.620	.941

THIRD ANGLE PROJECTION



CUSTOOIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATIDN: /4/ MIL-F-18280

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INTERNATIONAL

400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

CROSS, REDUCER, FLARELESS AND SHORT FLARELESS

AS102

SHEET 1 OF 3

REVISED

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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 MIL-S-8879
02	.125	.3125-24 UNJF
03	.188	.3750-24 UNJF
04	.250	.4375-20 UNJF
05	.312	.5000-20 UNJF
06	.375	.5625-16 UNJF
08	.500	.7500-16 UNJF
10	.625	.8750-12 UNJ
12	.750	1.0625-12 UNJ
14	.875	1.1875-12 UNJ
16	1.000	1.3125-12 UNJ
20	1.250	1.5625-12 UNJ
24	1.500	1.8125-12 UNJ