

RATIONALE

MA2096C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

REV.  
C

MA2096

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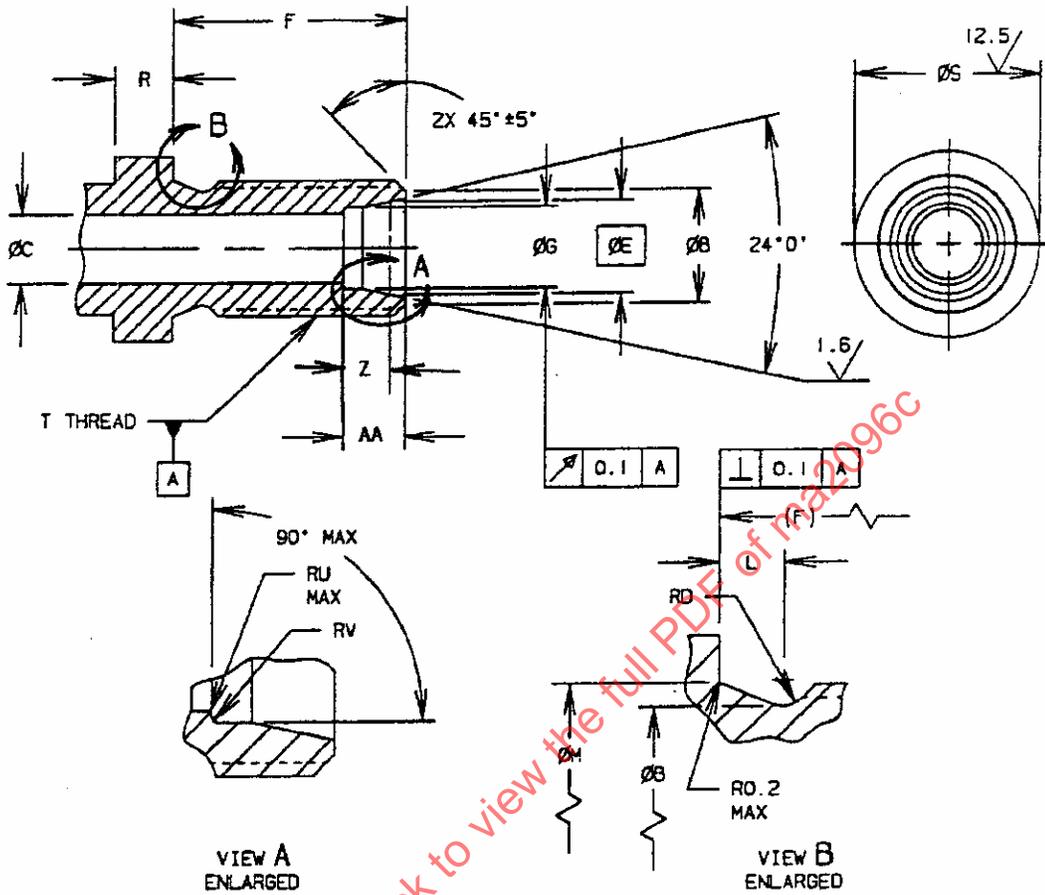
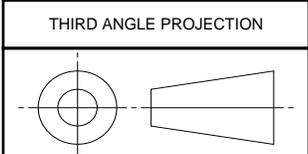


FIGURE 1 - FITTING END DESIGN, STYLE S



FIGURE 2 - FITTING END DESIGN, STYLE E  
SAME AS STYLE S EXCEPT AS SHOWN

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CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: NONE /2/



**AEROSPACE STANDARD**

(R) FITTING END, 24° CONE, BULKHEAD, DESIGN STANDARD, METRIC

MA2096  
SHEET 1 OF 3

REV.  
C

ISSUED 1985-08 REVISED 2001-12 REAFFIRMED 2015-04

TABLE 1 - DIMENSIONS

BASIC NO. MA2096 /11/ SIZE CODE	(NOMINAL TUBE SIZE DN) /1/	T THREAD PER MA1370 (ISO 5855-3) 4g6g	B 0 -0.5	C	D	E	F ±0.2
05	5	MJ 10 X 1	8.6	4.3	0.9	6.5	22.0
06	6	MJ 12 X 1.25	10.2	5.3	1.1	7.5	22.0
08	8	MJ 14 X 1.5	11.9	7.1	1.3	9.5	24.0
10	10	MJ 16 X 1.5	13.9	9.1	1.3	11.5	25.0
12	12	MJ 18 X 1.5	15.9	10.9	1.3	13.5	25.0
14	14	MJ 20 X 1.5	17.9	12.5	1.3	15.5	25.0
16	16	MJ 22 X 1.5	19.9	14.5	1.3	17.5	25.0
20	20	MJ 27 X 1.5	24.9	18.1	1.3	21.5	25.0
25	25	MJ 33 X 1.5	30.9	22.5	1.3	26.6	26.0
32	32	MJ 42 X 2	39.3	29.3	1.7	33.7	29.0
40	40	MJ 50 X 2	47.3	37.3	1.7	41.7	29.0

TABLE 1A - DIMENSIONS

BASIC NO. MA2096 /11/ SIZE CODE	G ±0.05	L ±0.2	M 0 -0.3	R ±1.0	S 0 -0.3	U	V	Z ±0.12	AA ±0.076
05	5.31	2.2	10.2	5.5	14.0	0.13	0.13-0.25	4.30	5.80
06	6.31	2.7	12.2	5.5	17.0	0.13	0.25-0.40	4.80	6.30
08	8.31	3.2	14.2	6.0	19.0	0.25	0.25-0.40	4.80	6.30
10	10.31	3.2	16.2	6.0	22.0	0.25	0.25-0.40	4.80	6.30
12	12.31	3.2	18.2	6.0	24.0	0.25	0.25-0.40	4.90	7.30
14	14.31	3.2	20.2	6.0	27.0	0.25	0.25-0.40	4.90	7.30
16	16.31	3.2	22.2	6.0	30.0	0.25	0.25-0.40	4.90	7.30
20	20.33	3.2	27.2	6.0	36.0	0.25	0.25-0.40	4.90	7.30
25	25.33	3.2	33.2	6.0	41.0	0.40	0.50-0.70	4.90	7.30
32	32.35	4.2	42.2	7.0	50.0	0.40	0.50-0.70	5.40	7.80
40	40.35	4.2	50.2	7.0	60.0	0.40	0.50-0.70	5.40	7.80



## AEROSPACE STANDARD

(R) FITTING END, 24° CONE, BULKHEAD,  
DESIGN STANDARD, METRICMA2096  
SHEET 2 OF 3REV.  
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