

REV. B

MA2095

FEDERAL SUPPLY CLASS
4730

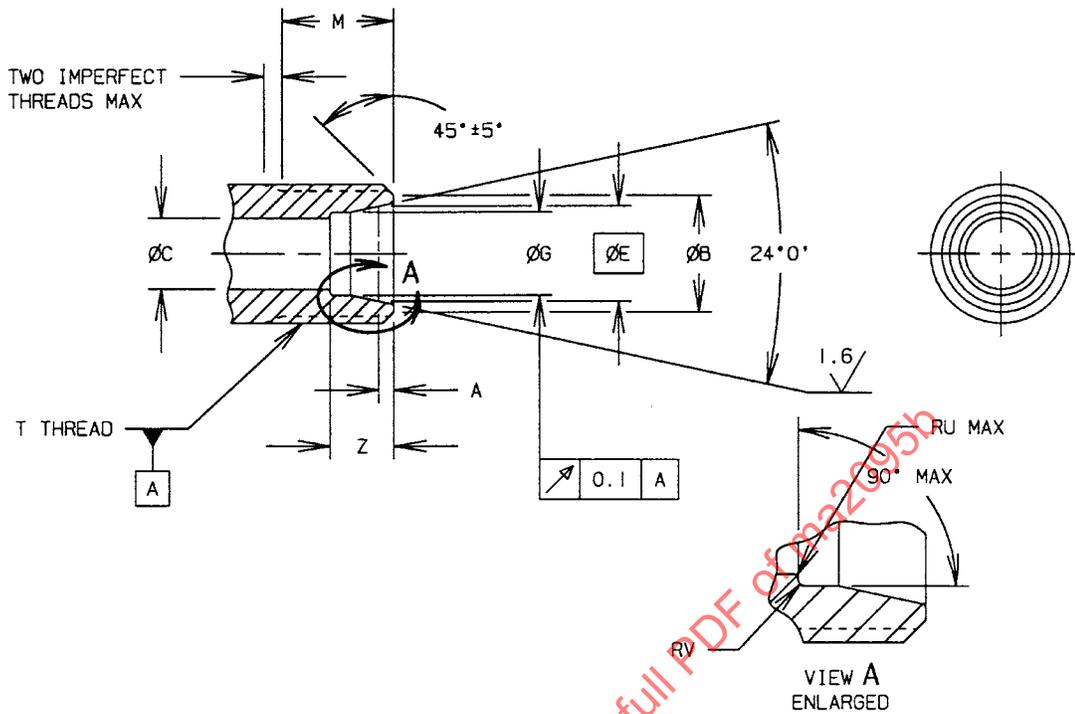


FIGURE 1 FITTING END DESIGN, STYLE G

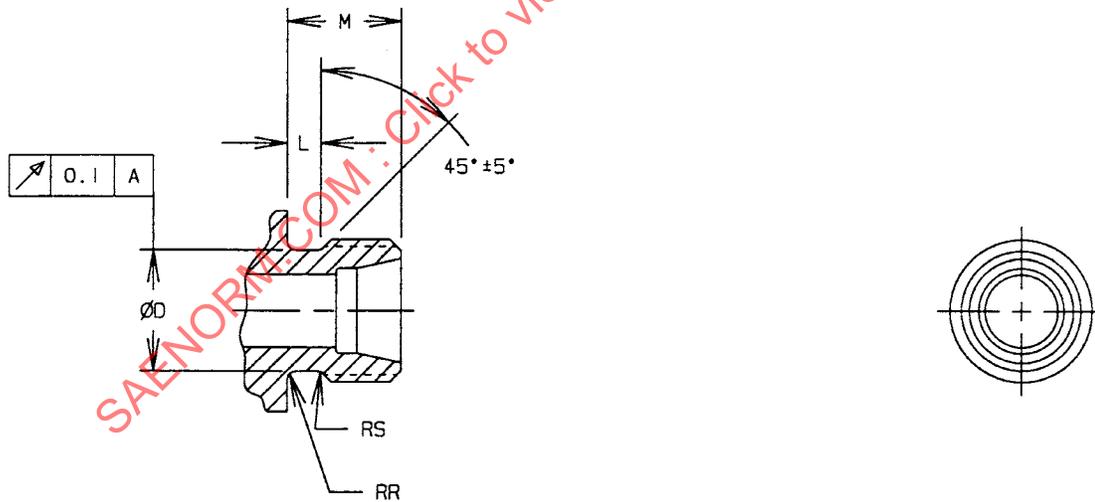
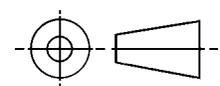


FIGURE 2 FITTING END DESIGN, STYLE E
SAME AS STYLE G EXCEPT AS SHOWN

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: NONE /2/

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

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

MA2095
SHEET 1 OF 3

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ISSUED 1985-10 REVISED 1997-09 REAFFIRMED 2001-12

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B

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TABLE 1 - DIMENSIONS

BASIC NO. MA2095 /11/ SIZE CODE	(NOMINAL TUBE SIZE DN) /1/	T THREAD PER MA1370 (ISO 5855-3) 4g6g	A ±0.12	B 0 -0.5	C	D	E
05	5	MJ 10 X 1	1.50	8.6	4.3	8.5	6.5
06	6	MJ 12 X 1.25	1.50	10.2	5.3	10.1	7.5
08	8	MJ 14 X 1.5	1.50	11.9	7.1	11.8	9.5
10	10	MJ 16 X 1.5	1.50	13.9	9.1	13.8	11.5
12	12	MJ 18 X 1.5	2.40	15.9	10.9	15.8	13.5
14	14	MJ 20 X 1.5	2.40	17.9	12.5	17.8	15.5
16	16	MJ 22 X 1.5	2.40	19.9	14.5	19.8	17.5
20	20	MJ 27 X 1.5	2.40	24.9	18.1	24.8	21.5
25	25	MJ 33 X 1.5	2.40	30.9	22.5	30.8	26.6
32	32	MJ 42 X 2	2.40	39.3	29.3	39.2	33.7
40	40	MJ 50 X 2	2.40	47.3	37.3	47.2	41.7

TABLE 1A - DIMENSIONS

BASIC NO. MA2095 /11/ SIZE CODE	G ±0.05	L ±0.2	M ±0.2	R	S ±0.10	U	V	Z ±0.12
05	5.31	2.2	9.0	0.7	0.40	0.13	0.13-0.25	4.30
06	6.31	2.7	10.0	0.9	0.50	0.13	0.25-0.40	4.80
08	8.31	3.2	11.0	1.0	0.55	0.25	0.25-0.40	4.80
10	10.31	3.2	12.0	1.0	0.55	0.25	0.25-0.40	4.80
12	12.31	3.2	12.0	1.0	0.55	0.25	0.25-0.40	4.90
14	14.31	3.2	12.0	1.0	0.55	0.25	0.25-0.40	4.90
16	16.31	3.2	12.0	1.0	0.55	0.25	0.25-0.40	4.90
20	20.33	3.2	12.0	1.0	0.55	0.25	0.25-0.40	4.90
25	25.33	3.2	13.0	1.0	0.55	0.40	0.50-0.70	4.90
32	32.35	4.2	14.0	1.3	0.70	0.40	0.50-0.70	5.40
40	40.35	4.2	14.0	1.3	0.70	0.40	0.50-0.70	5.40