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MA2273

RATIONALE

MA2273 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

FEDERAL SUPPLY CLASS
4730

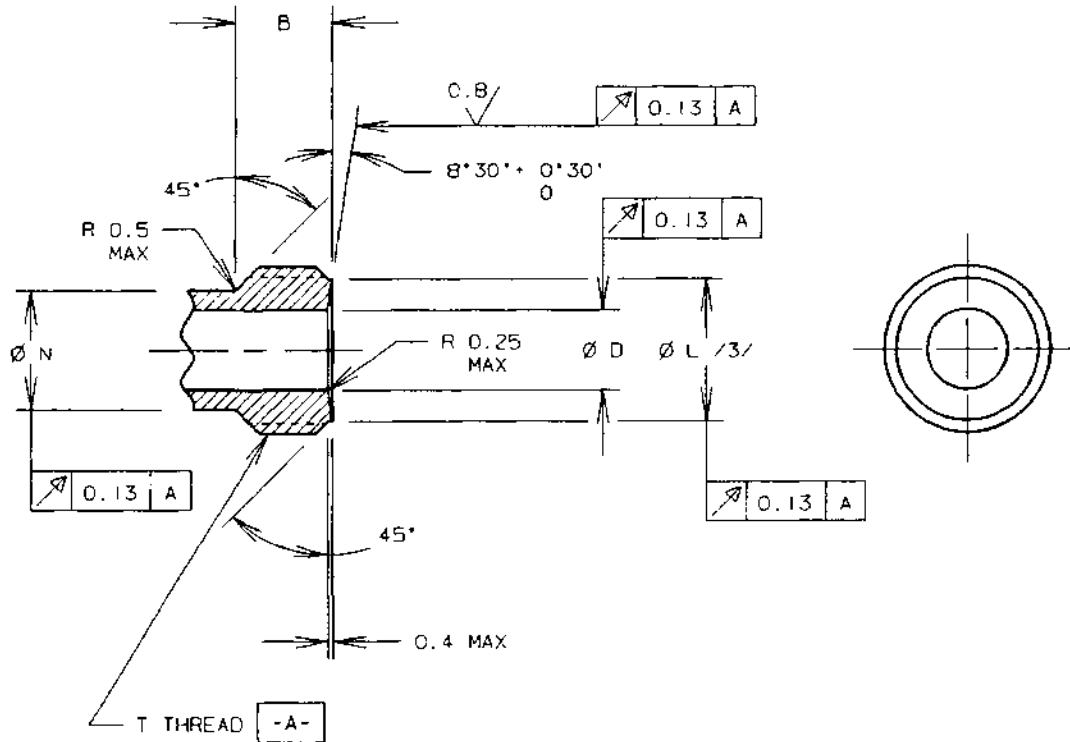


FIGURE 1 - FITTING END DESIGN, STYLE A

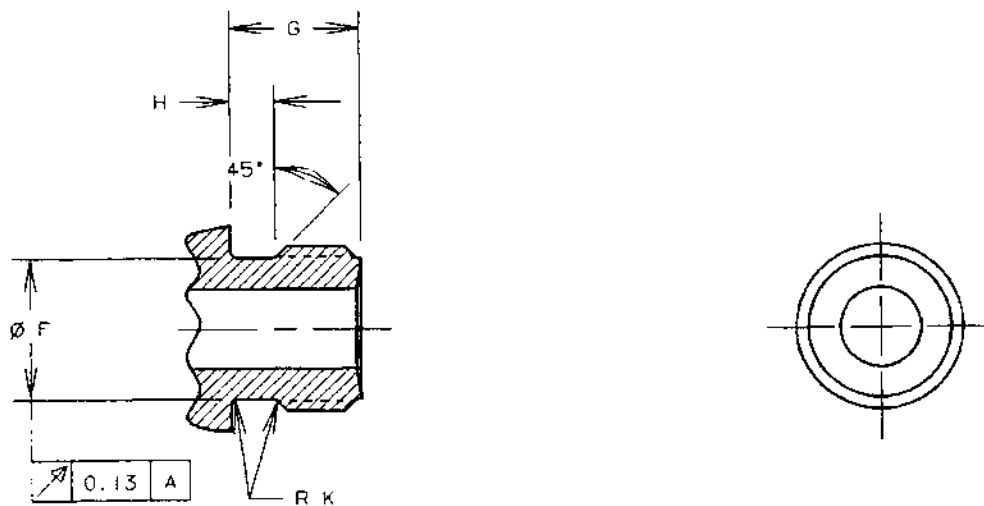
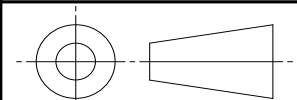


FIGURE 2 - FITTING END DESIGN, STYLE B
SAME AS STYLE A EXCEPT AS SHOWN

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B /4/

PROCUREMENT SPECIFICATION: NONE /2/



AEROSPACE STANDARD

FITTING END, BEAM SEAL, EXTERNAL
THREAD, DESIGN STANDARD, METRIC

MA2273
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Documents

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TABLE 1A - DIMENSIONS B-F

BASIC NO. MA2273 /10/ SIZE CODE	(NOMINAL TUBE SIZE DN) /1/	T PER MA1370 (ISO 5855/3) 4g 6g	B +0.3/0	D +0.2/0	F 0/-0.2
04	4	MJ 8 x 1	5.5	3.2	6.5
05	5	MJ 10 x 1	6.0	4.2	8.5
06	6	MJ 12 x 1.25	7.55	5.0	10.2
08	8	MJ 14 x 1.5	8.7	6.7	11.9
10	10	MJ 16 x 1.5	8.7	8.7	13.9
12	12	MJ 18 x 1.5	8.7	10.6	15.9
14	14	MJ 20 x 1.5	9.2	11.4	17.9
16	16	MJ 22 x 1.5	9.2	13.3	19.9
18	18	MJ 24 x 1.5	9.2	15.3	21.9
20	20	MJ 27 x 1.5	9.2	18.0	24.9
22	22	MJ 30 x 1.5	9.2	20.8	27.9
25	25	MJ 33 x 1.5	9.2	22.4	30.9
28	28	MJ 36 x 1.5	9.2	25.6	33.9
32	32	MJ 39 x 1.5	9.2	28.3	36.9

TABLE 1B - DIMENSIONS G-N

BASIC NO. MA2273 /10/ SIZE CODE	G	H 0/-0.2	K 0/-0.2	L	N
04	7.3	2.0	0.5	6.4- 6.6	5.5- 6.3
05	7.3	2.0	0.5	8.4- 8.6	6.5- 7.3
06	9.0	2.5	0.6	10.0-10.3	7.5- 8.3
08	10.8	3.0	0.8	11.7-12.0	9.5-10.3
10	10.8	3.0	0.8	13.7-14.0	11.5-12.3
12	10.8	3.0	0.8	15.7-16.0	13.5-14.3
14	10.8	3.0	0.8	17.7-18.0	14.5-15.3
16	10.8	3.0	0.8	19.7-20.0	16.5-17.3
18	10.8	3.0	0.8	21.7-22.0	18.5-19.3
20	10.8	3.0	0.8	24.7-25.0	21.5-22.3
22	10.8	3.0	0.8	27.7-28.0	24.5-25.3
25	10.8	3.0	0.8	30.7-31.0	27.5-28.3
28	10.8	3.0	0.8	33.7-34.0	30.5-31.3
32	10.8	3.0	0.8	36.7-37.0	33.5-34.3



AEROSPACE STANDARD

FITTING END, BEAM SEAL, EXTERNAL
THREAD, DESIGN STANDARD, METRIC

MA2273

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