

REV.
B

MA2012

FEDERAL SUPPLY CLASS
4730

RATIONALE

MA2012B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

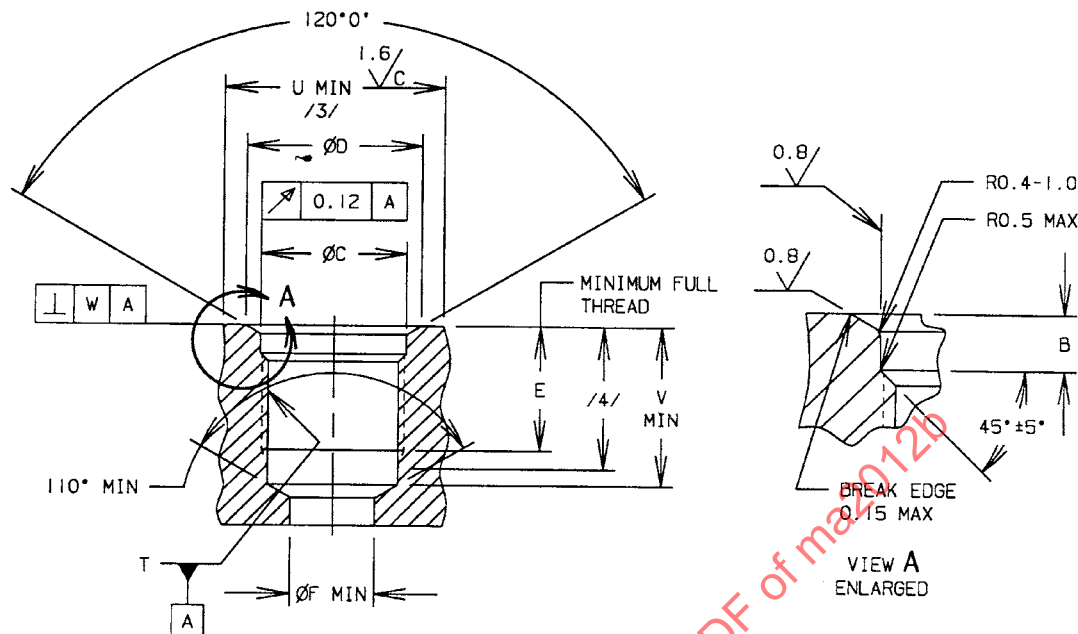


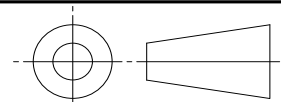
FIGURE 1 - PORT

TABLE 1 - DIMENSIONS

BASIC NO. MA2012 /15/ SIZE CODE	(NOMINAL TUBE SIZE DN) /1/	T THREAD PER MA1370 (ISO 5855-3) 4H5H /6/	B	C	D	E	F	U /3/	V	W
03	3	MJ 8 X 1	2.1	8.6 - 8.7	11.5	11.0	2.5	15	14.5	0.08
04	4	MJ 8 X 1	2.1	8.6 - 8.7	11.5	11.0	3.5	15	14.5	0.08
05	5	MJ 10 X 1	2.3	10.6 - 10.7	13.5	11.0	4.2	18	14.5	0.08
06	6	MJ 12 X 1.25	2.1	12.6 - 12.7	15.5	12.5	5.2	20	16.5	0.08
08	8	MJ 14 X 1.5	3.6	14.60 - 14.75	18.5	16.0	7.0	23	20.5	0.10
10	10	MJ 16 X 1.5	3.6	16.60 - 16.75	20.5	16.0	9.0	25	20.5	0.10
12	12	MJ 18 X 1.5	3.6	18.60 - 18.75	22.5	16.0	10.8	28	20.5	0.10
14	14	MJ 20 X 1.5	3.6	20.60 - 20.75	24.5	16.0	12.6	31	20.5	0.10
16	16	MJ 22 X 1.5	3.6	22.60 - 22.75	26.5	16.0	14.4	31	20.5	0.10
18	18	MJ 24 X 1.5	3.6	24.60 - 24.75	28.5	16.0	16.0	33	20.5	0.10
20	20	MJ 27 X 1.5	3.6	27.60 - 27.75	31.5	16.0	18.0	37	20.5	0.10
25	25	MJ 33 X 1.5	3.6	33.60 - 33.75	37.5	16.0	22.4	42	20.5	0.20
32	32	MJ 42 X 2	4.5	43.00 - 43.15	47.3	20.0	29.2	53	26.0	0.20
40	40	MJ 50 X 2	4.5	51.00 - 51.15	55.3	20.0	36.8	61	26.0	0.20

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/MA2012B>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B /7/

PROCUREMENT SPECIFICATION: NONE /2/



AEROSPACE STANDARD

(R) PORT, INTERNAL, STRAIGHT THREAD, FITTING
CONNECTION, DESIGN STANDARD, METRIC

MA2012
SHEET 1 OF 2

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B