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REV.
A

MA2046

FEDERAL SUPPLY CLASS
4730

RATIONALE

MA2046A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

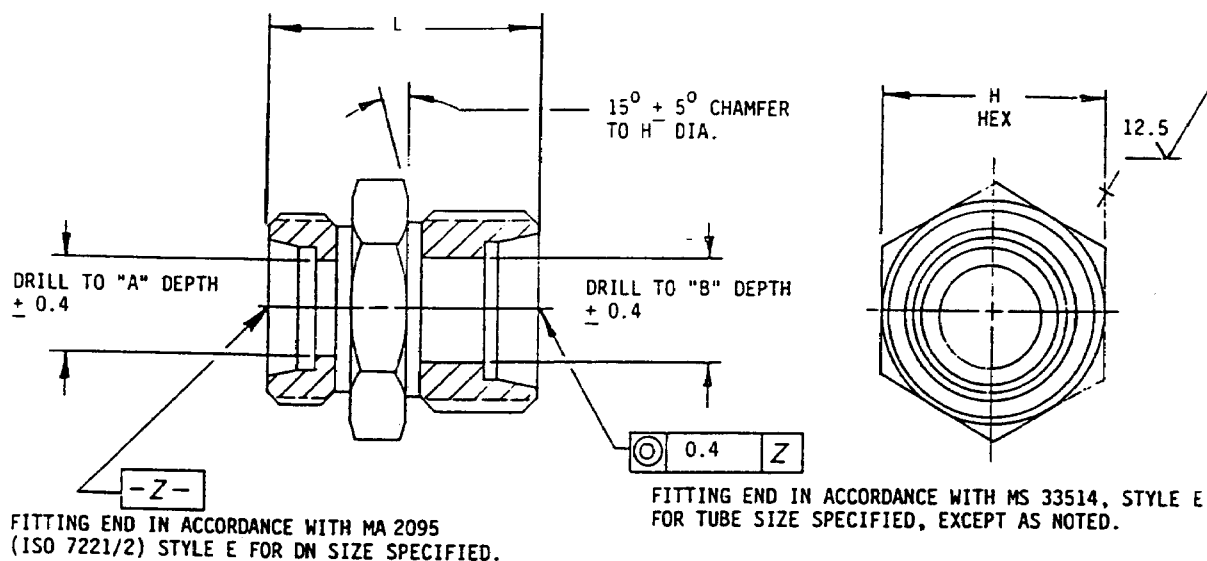


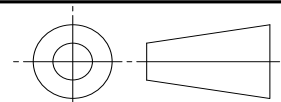
FIGURE 1

TABLE 1

DASH NO.	METRIC END TUBE SIZE DN /2/	METRIC END THREAD 4 g 6 g (REF)	METRIC END A DRILL DEPTH (mm)	H (mm) NOM	H (mm) TOL	L ±0.6 (mm)	MS 33514 END TUBE SIZE (in)	MS 33514 END THREAD CLASS 3A (REF)	MS 33514 END B DRILL DEPTH (mm)
-0503	05	MJ10x1	12.5	12	0/-0.27	30.0	3/16	.3750-24UNJF	THRU
-0504	05	MJ10x1	THRU	14	0/-0.27	31.5	1/4	.4375-20UNJF	19.5
-0603	06	MJ12x1.25	14.5	14	0/-0.27	32.0	3/16	.3750-24UNJF	THRU
-0604	06	MJ12x1.25	14.2	14	0/-0.27	33.5	1/4	.4375-20UNJF	THRU
-0805	08	MJ14x1.5	16.4	17	0/-0.27	37.0	5/16	.5000-20UNJF	THRU
-0806	08	MJ14x1.5	THRU	17	0/-0.27	39.0	3/8	.5625-18UNJF	22.8
-1006	10	MJ16x1.5	19.0	19	0/-0.33	42.0	3/8	.5625-18UNJF	THRU
-1008	10	MJ16x1.5	THRU	22	0/-0.33	46.5	1/2	.7500-16UNJF	28.0
-1206	12	MJ18x1.5	21.5	22	0/-0.33	44.0	3/8	.5625-18UNJF	THRU
-1208	12	MJ18x1.5	THRU	22	0/-0.33	48.5	1/2	.7500-16UNJF	30.5
-1408	14	MJ20x1.5	23.5	24	0/-0.33	51.5	1/2	.7500-16UNJF	THRU
-1410	14	MJ20x1.5	THRU	24	0/-0.33	54.5	5/8	.8750-14UNJF	31.5
-1610	16	MJ22x1.5	25.5	27	0/-0.33	56.5	5/8	.8750-14UNJF	THRU
-1612	16	MJ22x1.5	THRU	32	0/-0.62	63.0	3/4	1.0625-12UNJ	38.7
-2012	20	MJ27x1.5	30.3	32	0/-0.62	68.0	3/4	1.0625-12UNJ	THRU
-2016	20	MJ27x1.5	THRU	41	0/-0.62	74.5	1	1.3125-12UNJ	45.7
-2512	25	MJ33x1.5	37.3	41	0/-0.62	75.0	3/4	1.0625-12UNJ	THRU
-2516	25	MJ33x1.5	THRU	41	0/-0.62	80.5	1	1.3125-12UNJ	44.5
-3220	32	MJ42x2	THRU	46	0/-0.62	85.5	1-1/4	1.6250-12UNJ	50.5
-3224	32	MJ42x2	THRU	60	0/-0.74	102.0	1-1/2	1.8750-12UNJ	58.7
-4024	40	MJ50x2	54.4	60	0/-0.74	112.0	1-1/2	1.8750-12UNJ	THRU
-4032	40	MJ50x2	THRU	70	0/-0.74	128.0	2	2.5000-12UNJ	76.9

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on this Technical Report, please visit
<http://www.sae.org/technical/standards/MA2046A>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: MA 2005 (ISO 7169)



AEROSPACE STANDARD

ADAPTER FLARELESS
METRIC TO INCH

MA2046
SHEET 1 OF 2

REV.
A

Documents

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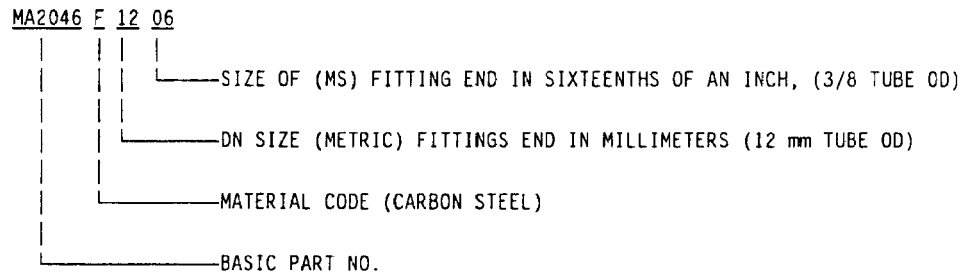
NOTES:

/1/ MATERIAL:

- a. CODE LETTER F = INDICATES CARBON STEEL
- b. CODE LETTER D = INDICATES ALUMINUM ALLOY (2024)
- c. CODE LETTER W = INDICATES ALUMINUM ALLOY (7075)
- d. CODE LETTER J = INDICATES CRES (304)
- e. CODE LETTER K = INDICATES CRES (316)
- f. CODE LETTER S = INDICATES CRES (347)

INACTIVE FOR DESIGN AFTER 3 SEPTEMBER 1993, USE MA2052.

2. DN = NOMINAL TUBE OUTSIDE DIAMETER
3. DIMENSIONS IN MILLIMETERS AND INCHES AS NOTED.
4. ALL MACHINED SURFACES SHALL BE SMOOTH TO 3.2 μm Ra MAXIMUM PER ANSI B46.1 EXCEPT AS NOTED.
5. REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.
6. UNLESS OTHERWISE SPECIFIED: MATERIAL, FINISH, QUALITY AND PERFORMANCE REQUIREMENTS TO BE IN ACCORDANCE WITH MA2005 (ISO7169).
7. THIS PART SHALL BE QUALIFIED IN A FITTING ASSEMBLY IN ACCORDANCE WITH MA2005 (ISO 7169). USERS OF THIS STANDARD ARE ADVISED TO CONTROL SOURCE APPROVAL(S) BY STANDARD PAGE SUPPLEMENT SHEET OR SIMILAR MEANS.
8. PART NO. EXAMPLE:



	AEROSPACE STANDARD		MA2046 SHEET 2 OF 2	REV. A
	ADAPTER FLARELESS METRIC TO INCH			



Documents

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