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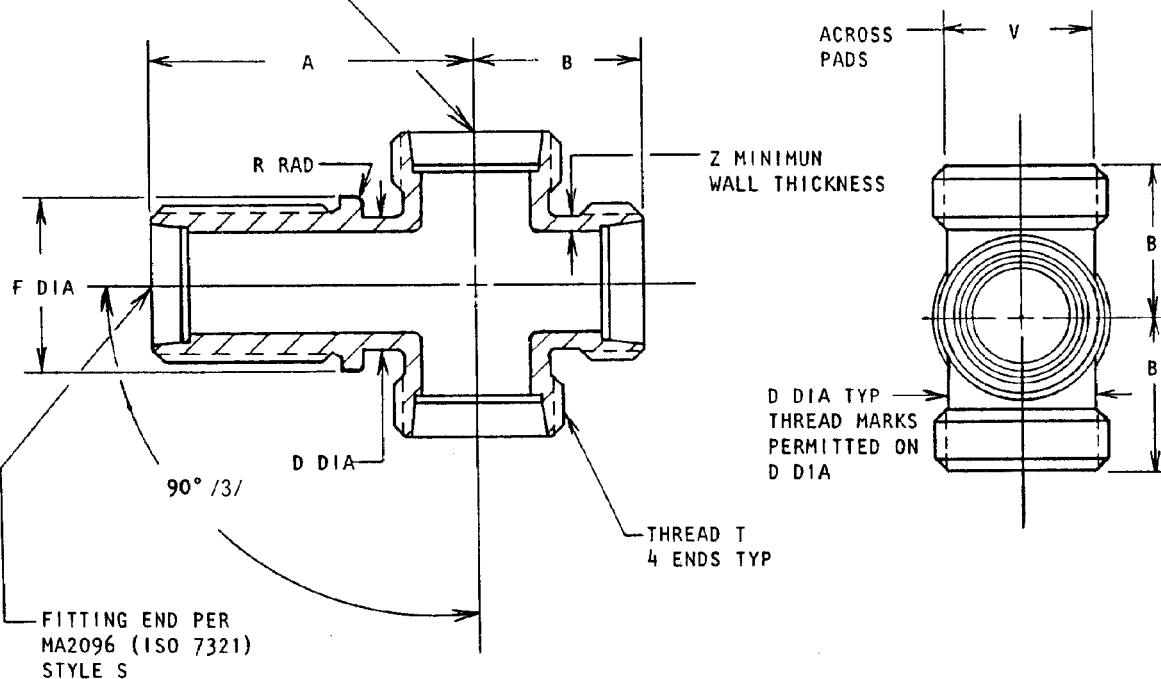
MA2157

FEDERAL SUPPLY CLASS
4730

RATIONALE

MA2157 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

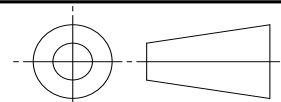
3 FITTING ENDS PER
MA2095 (ISO 7321)
STYLE E
EXCEPT AS SHOWN



TUBE SIZE DN /1/	THREAD T 4g 6g REF	A ±0.3	B ±0.3	D DIA ±0.5	F DIA	R RAD	V	Z MIN
05	MJ10 X 1	36	18	8	14	2.0	8	1.3
06	MJ12 X 1.25	38	20	10	17	2.0	10	1.8
08	MJ14 X 1.5	42	23	12	19	2.5	12	1.8
10	MJ16 X 1.5	44	25	14	22	2.5	14	2
12	MJ18 X 1.5	46	26	16	24	2.5	16	2
14	MJ20 X 1.5	47	27	18	27	2.5	18	2
16	MJ22 X 1.5	49	28	20	30	2.5	20	2.5
20	MJ27 X 1.5	53	32	24	36	2.5	24	2.5
25	MJ33 X 1.5	57	36	30	41	3.0	30	2.5
32	MJ42 X 2	66	42	39	50	3.0	39	3.5

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/MA2157>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: MA2005 (ISO 7169)



AEROSPACE STANDARD

CROSS, BULKHEAD, FLARELESS TUBE

MA2157
SHEET 1 OF 2

Documents

NOTES:

- /1/ DN = NOMINAL TUBE OUTSIDE DIAMETER
2. DIMENSIONS IN MILLIMETERS.
- /3/ TOLERANCES: DECIMALS ± 0.3 . TOLERANCE ON 90° ANGLE, $\pm 2\text{-}1/2^\circ$ FOR SIZES DN05 THRU DN10, $\pm 1\text{-}1/2^\circ$ FOR SIZE DN12 AND LARGER.
4. ALL MACHINED SURFACES SHALL BE SMOOTH TO 3.2 MICROMETERS R_a PER ANSI B46.1.
5. REMOVE ALL BURRS AND BREAK ALL SHARP EDGES.
6. MATERIAL, FINISH, MANUFACTURE, IDENTIFICATION, CLEANING, AND PACKAGING PER PROCUREMENT SPECIFICATION.
- /7/ CODE LETTER FOR MATERIAL, IN PLACE OF DASH IN PART NUMBER:
 LETTER J, 304 CORROSION RESISTANT STEEL
 LETTER T, 6AL4V TITANIUM ALLOY.
8. THIS PART SHALL BE QUALIFIED IN A COMPLETE COUPLING ASSEMBLY IN ACCORDANCE WITH PROCUREMENT SPECIFICATION MA2005 (ISO 7169). USERS OF THIS STANDARD ARE ADVISED TO CONTROL SOURCE APPROVAL(S) BY STANDARD PAGE SUPPLEMENT OR SIMILAR MEANS.
9. EXAMPLE OF PART NUMBER: MA2157J08, DN08 TUBE SIZE, 304 CORROSION RESISTANT STEEL.

MA2157 J 08
 ————— TUBE SIZE
 ————— MATERIAL CODE LETTER /7/
 ————— BASIC PART NUMBER

	AEROSPACE STANDARD		MA2157 SHEET 2 OF 2	
	CROSS, BULKHEAD, FLARELESS TUBE			