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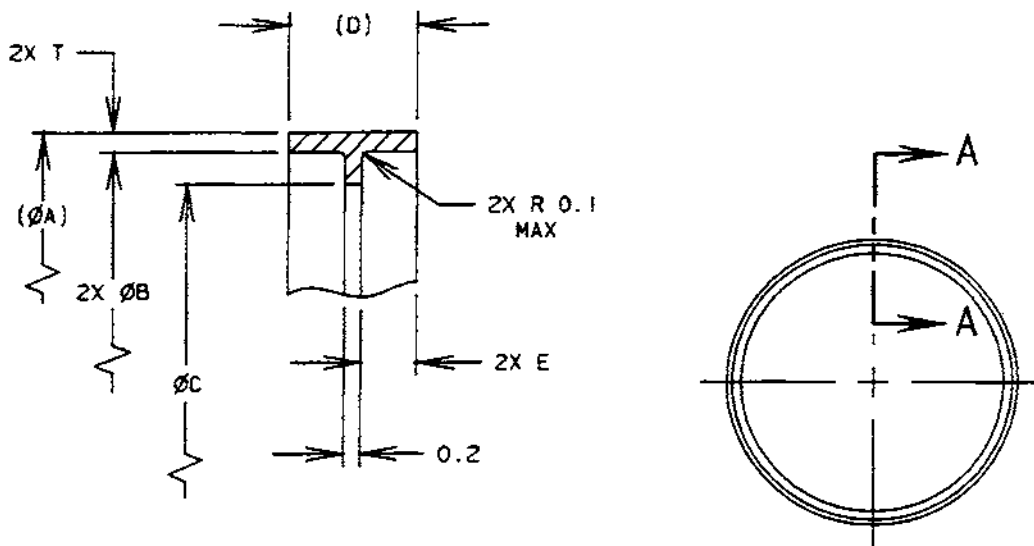
REV.
A

MA2062

FEDERAL SUPPLY CLASS
4730

RATIONALE

MA2062A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.



SECTION A-A
ENLARGED

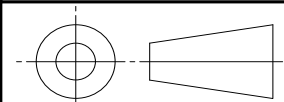
FIGURE 1 - RING

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. MA2062 /18/ SIZE CODE	(NOMINAL TUBE SIZE DN) /1/	(NOMINAL TUBE WALL)	B +0.1 -0 /8/		C /8/	D	E ±0.08	T ±0.05	kg/1000 MAX
06	6	0.5	6.6	6.1	5.4	1.3	0.55	0.22	0.0560
08	8	0.6	8.7	8.1	7.3	1.3	0.55	0.27	0.0814
10	10	0.6	10.7	10.1	9.3	1.3	0.55	0.27	1.11
12	12	0.7	12.6	12.1	11.4	1.5	0.65	0.22	1.23
14	14	0.8	14.8	14.1	13.3	1.7	0.75	0.32	2.23
16	16	0.9	17.0	16.2	15.1	1.8	0.80	0.37	3.17
20	20	1.0	21.0	20.2	19.1	2.0	0.90	0.37	4.32
25	25	1.0	26.2	25.2	23.8	2.3	1.05	0.47	7.72

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on this Technical Report, please visit
<http://www.sae.org/technical/standards/MA2062A>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: /7/ MA4510



AEROSPACE STANDARD

(R) RING, WELD,
21,000 KPA, CRES, METRIC

MA2062
SHEET 1 OF 2

REV.
A

NOTES:

- /1/ DN = NOMINAL TUBE OUTSIDE DIAMETER.
2. MATERIAL: TYPE 15-5PH CORROSION RESISTANT STEEL BAR PER AMS 5659.
3. HEAT TREATMENT: NONE
4. FINISH: NONE
5. CLEANING: CLEAN BY ANY SUITABLE METHOD PER PROCUREMENT SPECIFICATION.
6. PACKAGING: PER PROCUREMENT SPECIFICATION.
- /7/ PROCUREMENT SPECIFICATION: MA4510. THIS PART SHALL BE QUALIFIED TO THE PROCUREMENT SPECIFICATION IN A COMPLETE ASSEMBLY. USERS OF THIS STANDARD ARE ADVISED TO CONTROL SOURCE APPROVAL(S) BY STANDARD PAGE SUPPLEMENT SHEET OR SIMILAR MEANS.
- /8/ DIMENSION "B" AND "C" SHALL NOT BE CONFIRMED IN THE FREE STATE CONDITION. FUNCTIONALITY AND FIT MAY BE VERIFIED BY INSTALLING THE RING ON THE TUBING SPECIFIED IN THE PROCUREMENT SPECIFICATION. AN OUT-OF-ROUND CONDITION WHICH DOES NOT PREVENT INSTALLATION OF THE RING SHALL NOT BE CAUSE FOR REJECTION.
9. IDENTIFICATION ON PACKAGES ONLY: SEE PROCUREMENT SPECIFICATION.
10. THIS PART IS DESIGNED FOR USE IN SYSTEMS WITH MAXIMUM OPERATING PRESSURE OF 21,000 kPa WHEN ORBITAL ARC WELDED TO CORROSION RESISTANT STEEL TUBING.
11. THE (R) IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. IF THE SYMBOL IS NEXT TO THE DOCUMENT TITLE, IT INDICATES A COMPLETE REVISION OF THE DOCUMENT.
12. INVENTORIED PARTS CONFORMING TO THE PREVIOUS "LETTER CHANGE" MAY BE USED TO DEPLETION.
13. INTERPRETATION OF DRAWING PER MAP4296.
14. SURFACE TEXTURE: SYMBOLS PER ANSI Y14.36; REQUIREMENTS PER ANSI/ASME B46.1. UNLESS OTHERWISE SPECIFIED, MACHINED SURFACES TO BE 3.2 μm Ra.
15. BREAK EDGES TO 0.07 MAXIMUM.
16. DIMENSIONING AND TOLERANCING: ASME Y14.5M-1994
17. DIMENSIONS IN MILLIMETERS. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ± 0.1 .
- /18/ EXAMPLE OF PART NUMBER: MA2062 - 08

BASIC PART NUMBER _____ SIZE CODE, TUBE SIZE
IN MILLIMETERS

	AEROSPACE STANDARD		MA2062 SHEET 2 OF 3	REV. A
	(R) RING, WELD, 21,000 KPA, CRES, METRIC			



Documents

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