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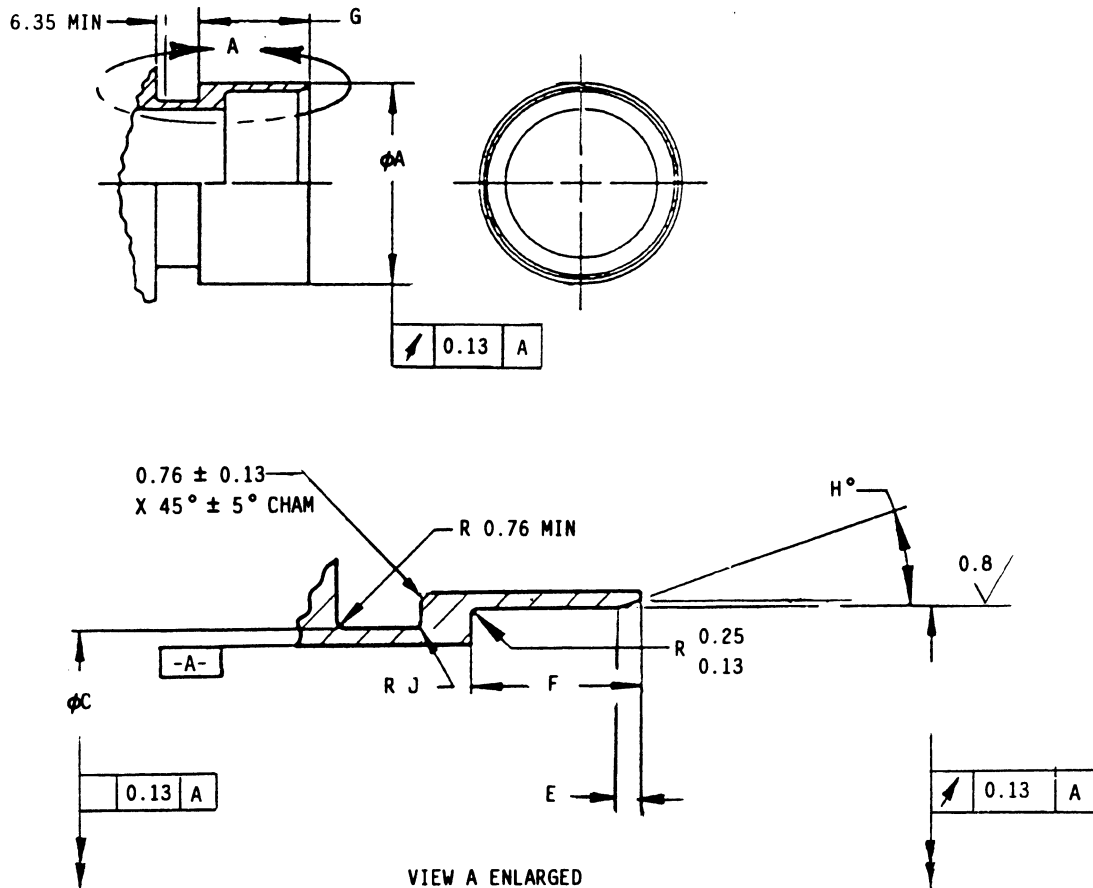
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MA2246

FEDERAL SUPPLY CLASS
4730

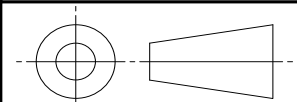
RATIONALE

MA2246 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.



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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: MA2241



AEROSPACE STANDARD

SLEEVE END, THREADLESS COUPLING,
FLEXIBLE, FIXED CAVITY, SELF-BONDING,
DESIGN STANDARD, METRIC

MA2246
SHEET 1 OF 2

Documents

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TABLE 1 - DIMENSIONS IN MILLIMETERS

BASIC NUMBER MA2246	DN SIZE CODE	TUBE SIZE MM	(TUBE SIZE IN)							
				/12/ A	B	C	E	F	G	H
				±0.10	±0.05	±0.08		±0.25	+0.08/-0.13	+6°/-1°
	12	12	.500	19.36	17.58	15.80	0.76	11.00	15.24	35
	16	16	.625	22.53	20.75	18.97	0.76	11.00	15.24	35
	18	18	.750	27.10	25.32	22.53	0.76	11.00	17.27	35
	25	25	1.000	34.11	32.33	28.93	1.65	13.03	19.30	30
	32	32	1.250	40.46	38.68	35.28	1.65	13.03	19.30	30
	38	38	1.500	47.32	45.54	41.63	1.65	13.03	19.30	30
	45	45	1.750	53.70	51.92	47.98	1.65	13.03	19.30	30
	50	50	2.000	60.63	58.85	54.41	1.65	13.41	20.07	30
	56	56	2.250	66.95	65.20	60.76	1.65	13.41	20.07	30
	63	63	2.500	73.33	71.55	67.11	1.65	13.41	20.07	30
/6/	76	76	3.000	86.03	84.25	79.81	1.65	13.41	20.07	30
/6/	88	88	3.500	99.09	97.31	92.51	1.65	13.41	20.07	30
	100	100	4.000	111.94	110.16	105.44	1.65	13.41	20.07	30

NOTES:

1. MATERIAL: MATERIAL IS AT THE DISCRETION OF THE USER AND SHALL COMPLY WITH THE REQUIREMENTS OF MA2241.
2. FINISH: FINISH SHALL BE ELECTRICALLY CONDUCTIVE AND SHALL COMPLY WITH THE REQUIREMENTS OF MA2241.
- /3/ DIAMETER "D" (NOT DIMENSIONED) SHALL BE STATED ON USING DRAWING. ID SHOULD BE NO SMALLER THAN ADJOINING TUBE ID EXCEPT WHEN WARRANTED BY MATERIAL AND STRUCTURAL REQUIREMENTS.
4. SPECIFIC DIMENSIONS AND TOLERANCES NOT SPECIFIED ARE CONTROLLED BY THE SUPPLIER. WHEN MACHINING DIMENSIONS ARE REQUIRED FOR ADAPTING TO COMPONENTS, CONTACT A QUALIFIED SLEEVE SUPPLIER.
5. THIS SLEEVE END CAN BE USED WITH TWO FERRULES, MA2243 (OR MA2245), OR ONE FERRULE MA2243 AND A DEVICE UTILIZING A MA2244 FERRULE END AND AN AS1655 COUPLING.
- /6/ DIMENSIONS SHOWN ARE FOR USE IN COUPLING ASSEMBLIES THAT FIT NONSTANDARD TUBING.
7. SURFACE TEXTURE: SYMBOLS PER ANSI Y14.36; REQUIREMENTS PER ANSI/ASME B46.1. UNLESS OTHERWISE SPECIFIED, MACHINED SURFACES TO BE 3.2 µm Ra.
8. BREAK EDGES 0.08 TO 0.38 mm UNLESS OTHERWISE SPECIFIED.
9. DIMENSIONING AND TOLERANCING: ANSI Y14.5M.
10. DIMENSIONS IN MILLIMETERS, UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ±0.13 mm, ANGULAR DIMENSIONS ±0.5°.
11. EXAMPLE OF DRAWING CALLOUT:
 - a. INDIVIDUAL PART DRAWING CALLOUT: SLEEVE END PER MA2246-16
 - b. TABULATED PART DRAWING CALLOUT: SLEEVE END PER MA2246

/12/ TOLERANCE FOR DN SIZE 56 IS +0.10/-0.13.

	AEROSPACE STANDARD		MA2246 SHEET 2 OF 2	
	SLEEVE END, THREADLESS COUPLING, FLEXIBLE, FIXED CAVITY, SELF-BONDING, DESIGN STANDARD, METRIC			

