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REV.
D

AS15002™

RATIONALE

FEDERAL SUPPLY CLASS
4730

REVISE AS15002 TO UPDATE TABLE 1 BY REMOVING THE WEIGHT OF STEEL COLUMN AND REMOVE THE DASH PRECEDING THE FINISH CODE FROM THE PART NUMBER. REMOVE INTERNATIONAL STANDARDIZATION AGREEMENT NOTE AND UPDATE INTERPRETATION SPECIFICATION.

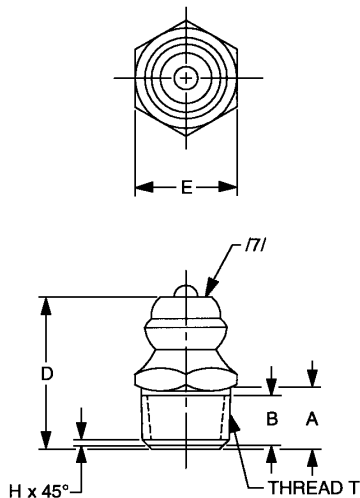


FIGURE 1 - FITTING, STRAIGHT

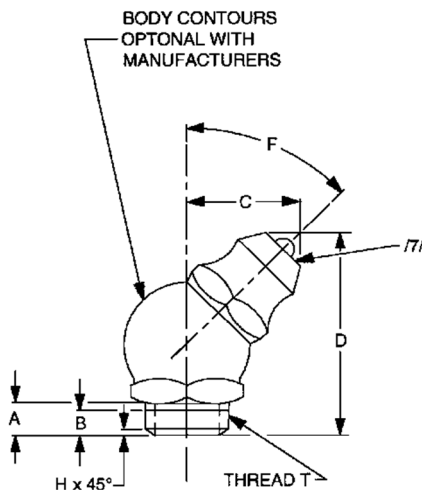
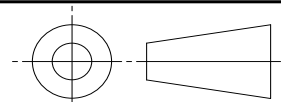


FIGURE 2 - FITTING, ELBOW

INACTIVE IN PART - SEE NOTE /16/

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on this Technical Report, please visit
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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS35411 /5/



AEROSPACE STANDARD

FITTING, LUBRICATION, HYDRAULIC, SURFACE CHECK,
STRAIGHT THREADS, STEEL, TYPE II

AS15002™
SHEET 1 OF 3

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TABLE 1 - DIMENSIONS (A THROUGH H)

PART NUMBER	FIG	THREAD T PER FED-STD-H28/2	A ±.031	B /6/	C MAX	D MAX	E ±.003	F ±5°	H
AS15002-1	1	.2500-28 UNF-2A	.125	.075	--	.531	.281	--	.036
AS15002-2	1	.3125-32 UNEF-2A	.125	.075	--	.562	.312	--	.031
AS15002-3	2	.2500-28 UNF-2A	.125	.075	.438	.750	.375	45°	.036
AS15002-4	2	.3125-32 UNEF-2A	.125	.075	.500	.750	.375	65°	.031

NOTES:

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE.

1. MATERIALS: STEEL, SEE PROCUREMENT SPECIFICATION.

2. HEAT TREATMENT: NONE.

/3/ FINISH:

a. CODE LETTER C - CADMIUM PLATE, SEE PROCUREMENT SPECIFICATION.

b. CODE LETTER P - ZINC PLATE, SEE PROCUREMENT SPECIFICATION.

c. CODE LETTER U - ZINC NICKEL PLATE, SEE PROCUREMENT SPECIFICATION.

4. IDENTIFICATION: MARK PER AS478 METHOD 35D MANUFACTURER'S NAME, CAGE CODE OR TRADEMARK, AND PART NUMBER.

/5/ PROCUREMENT SPECIFICATION: AS35411 EXCEPT AS SPECIFIED ON THIS STANDARD. THE DRAWING AND ALL THE SPECIFIED DOCUMENTS DEFINE THE REQUIREMENTS FOR THE END PRODUCT. ALL THE REQUIREMENTS MUST BE MET IN ORDER TO IDENTIFY THE ITEM WITH THAT PART NUMBER. USERS OF THIS STANDARD ARE ADVISED TO CONTROL SOURCE APPROVAL BY STANDARD PAGE SUPPLEMENT OR SIMILAR MEANS.

/6/ MINIMUM EFFECTIVE THREAD LENGTH.

/7/ FITTING END IN ACCORDANCE WITH AS15000, STYLE OPTIONAL.

8. INTENDED USE: THIS PART IS INTENDED FOR USE IN LUBRICATING CONNECTIONS AT PRESSURES TO 8000 PSI.

9. THIS STANDARD IS A CONVERSION OF MILITARY STANDARD MS15002, FITTINGS, LUBRICATION (HYDRAULIC) SURFACE CHECK, STRAIGHT THREADS, STEEL, TYPE II, AND IS NOT A WORD-FOR-WORD CONVERSION.

10. INTERPRETATION OF DRAWING PER AS4296.

11. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M; REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, MACHINED SURFACES TO BE 125 MICROINCHES Ra. SURFACES OF HEX FLATS MAY BE 250 MICROINCHES Ra.

12. BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.

13. DIMENSIONING AND TOLERANCING: ASME Y14.5M-1994.

14. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ±.010, ANGULAR DIMENSIONS ±0°30'.

	AEROSPACE STANDARD		AS15002™ SHEET 2 OF 3	REV. D
	FITTING, LUBRICATION, HYDRAULIC, SURFACE CHECK, STRAIGHT THREADS, STEEL, TYPE II			

 Documents



Documents

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