

REV.
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SAE AS15002

FEDERAL SUPPLY CLASS
4730

RATIONALE

AS15002 IS BEING REVISED TO ADD ZINC NICKEL FINISH AND QPL/QML NOTE.

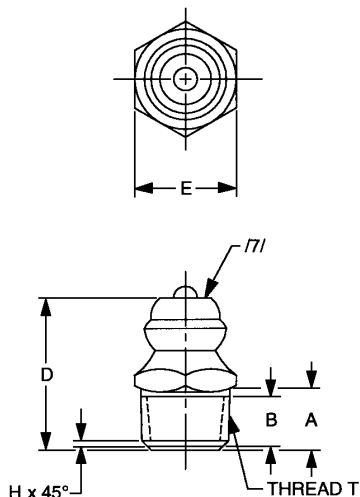


FIGURE 1 - FITTING, STRAIGHT

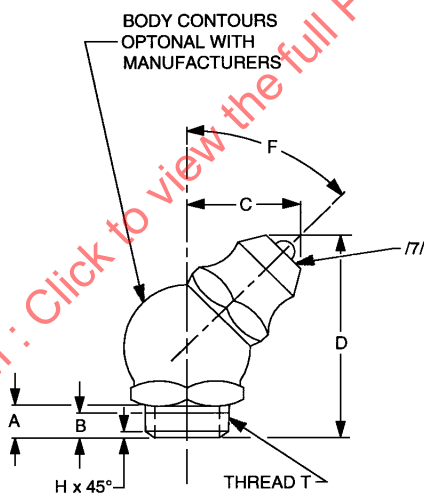
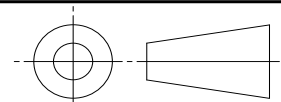


FIGURE 2 - FITTING, ELBOW

INACTIVE IN PART - SEE NOTE /16/

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS15002C>

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /5/ AS35411

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

SAE AS15002
SHEET 1 OF 3

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TABLE 1 - DIMENSIONS AD WEIGHTS

PART NUMBER	FIG.	THREAD T PER FED-STD-H28/2	A ±.031	B /6/	C MAX.	D MAX.	E ±.003	F ±5°	H	LB/100 APPROX. REF STEEL
AS15002-1	1	.250-28 UNF-2A	.125	.075	—	.531	.281	—	.036	
AS15002-2	1	.3125-32 UNEF-2A	.125	.075	—	.562	.312	—	.031	
AS15002-3	2	.250-28 UNF-2A	.125	.075	.438	.750	.375	45°	.036	
AS15002-4	1	.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: CADMIUM PLATE OR ZINC PLATE. SEE PROCUREMENT SPECIFICATION.
 - a. CODE LETTER C - CADMIUM PLATE
 - b. CODE LETTER P - ZINC PLATE
 - 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 ARP4296.
11. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M; REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, MACHINED SURFACES TO BE 125 µin Ra. SURFACES OF HEX FLATS MAY BE 250 µin 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'.

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