

**AS15001**

FEDERAL SUPPLY CLASS  
4730

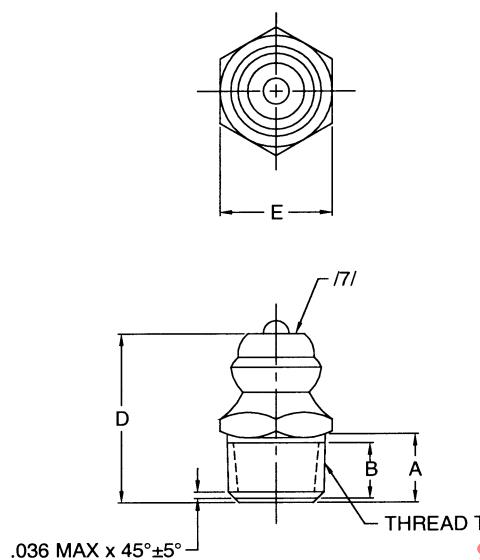


FIGURE 1 - FITTING, STRAIGHT

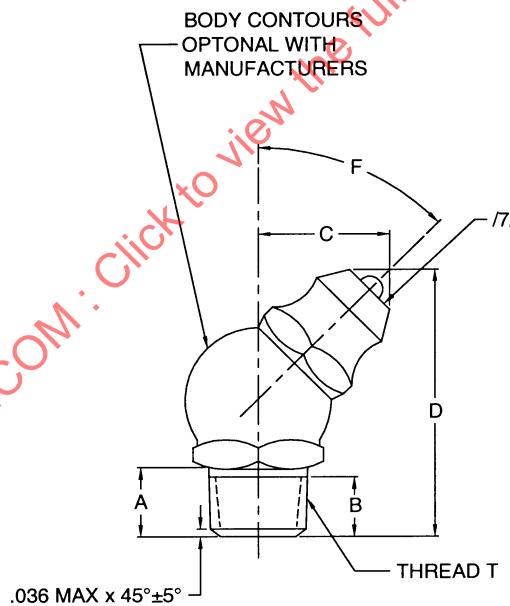
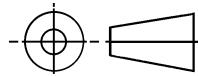


FIGURE 2 - FITTING, ELBOW



THIRD ANGLE PROJECTION



ISSUED 2001-05 REAFFIRMED 2005-06

CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: AS35411 /5

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

FITTING, LUBRICATION, HYDRAULIC, SURFACE CHECK,  
.250-28 TAPER THREADS, STEEL, TYPE I

**AS15001**  
SHEET 1 OF 3

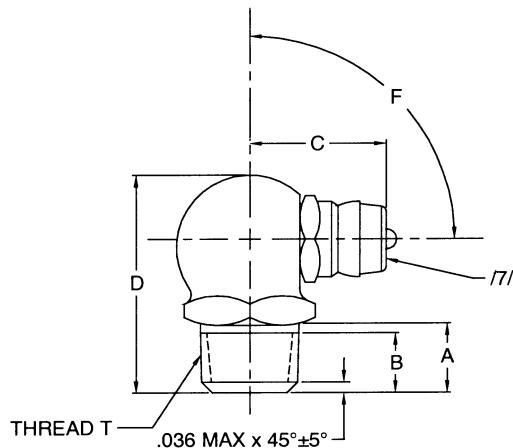


FIGURE 3 - FITTING, ELBOW 90°

TABLE 1 - DIMENSIONS AND WEIGHTS

PART NUMBER	FIG.	THREAD T PER FED-STD-H28/2	A	B	C MAX.	D	E	F	LB/100 APPROX. REF STEEL
AS15001-1	1	.250-28 UNS-2A	.187	.1094	—	.500	.312	—	
AS15001-2	1	.250-28 UNS-2A	.625	.2031	—	.937	.312	—	
AS15001-3	2	.250-28 UNS-2A	.187	.1094	.406	.812	.375	45°	
AS15001-4	3	.250-28 UNS-2A	.187	.1094	.531	.781	.375	90°	

## NOTES:

1. MATERIALS: STEEL. SEE PROCUREMENT SPECIFICATION.
2. HEAT TREATMENT: NONE.
3. FINISH: CADMIUM PLATE OR ZINC 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. USERS OF THIS STANDARD SHALL PURCHASE THIS PRODUCT FROM ACCREDITED MANUFACTURER(S), OR THEIR ACCREDITED DISTRIBUTOR(S), AS LISTED IN THE PERFORMANCE REVIEW INSTITUTE (PRI) QUALIFIED MANUFACTURERS LIST (QML) FOR THIS TYPE OF PRODUCT.
- /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 MS15001, FITTINGS, LUBRICATION (HYDRAULIC) SURFACE CHECK, .1/4-28 TAPER THREADS, STEEL, TYPE I, AND IS NOT A WORD-FOR-WORD CONVERSION.
10. INTERPRETATION OF DRAWING PER ARP4296.
11. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36; REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, MACHINED SURFACES TO BE 125  $\mu$ in Ra. SURFACES OF HEX FLATS MAY BE 250  $\mu$ in 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  $\pm .010$ , ANGULAR DIMENSIONS  $\pm 0°30'$ .