

AS15005

FEDERAL SUPPLY CLASS
4730

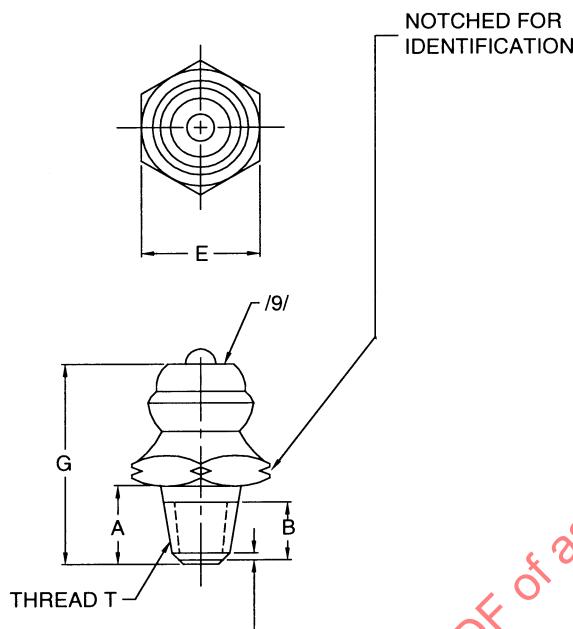


FIGURE 1 - FITTING, STRAIGHT

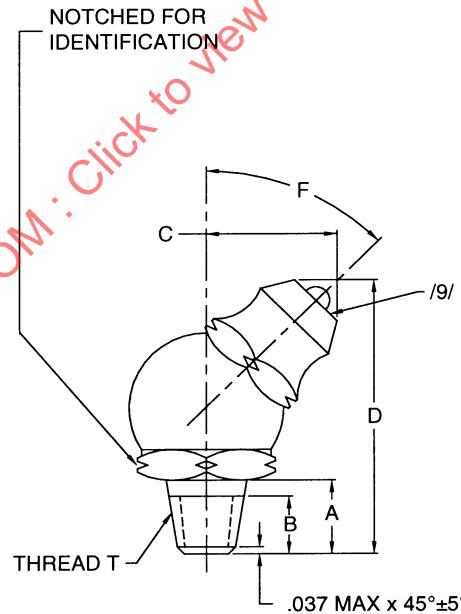
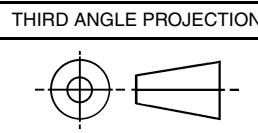


FIGURE 2 - FITTING, ELBOW



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,
THROAT OR SURFACE CHECK, 1/8 PIPE THREADS,
NICKEL-COPPER ALLOY, TYPE V

AS15005
SHEET 1 OF 3

AS15005

BODY CONTOURS
OPTIONAL WITH
MANUFACTURERS

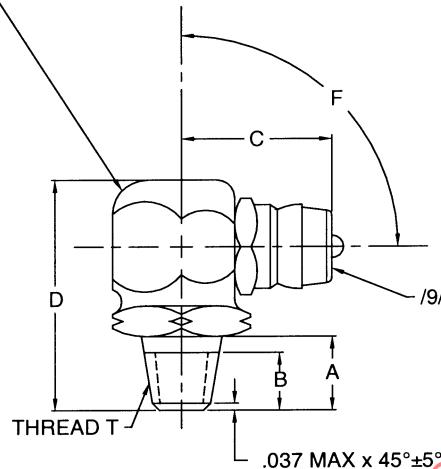


FIGURE 3 - FITTING, ELBOW 90°

TABLE 1 - DIMENSIONS AND WEIGHTS

PART NUMBER	FIG.	THREAD T /6/	A ± .031	B /7/	C MAX.	D MAX.	E ± .003	F ± 5°	G ± .062	LB/100 APPROX.	REF NICOP
AS15005-1	1	1/8-27	.312	.1875	—	—	.438	—	.750		
AS15005-2	1	1/8-27	.312	.1875	—	—	.438	—	1.125		
AS15005-3	2	1/8-27	.312	.1875	.375	1.250	.438	30°	—		
AS15005-4	2	1/8-27	.312	.1875	.625	1.094	.438	65°	—		
AS15005-5	3	1/8-27	.312	.1875	.625	.063	.438	90°	—		

NOTES:

1. MATERIAL: NICKEL-COPPER ALLOY. SEE PROCUREMENT SPECIFICATION.
2. HEAT TREATMENT: NONE.
3. FINISH: BRIGHT DIPPED. 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 PROCUER 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/ PIPE THREAD SHALL BE MODIFIED (DRYSEAL) TAPER PIPE THREAD, NPTF, IN ACCORDANCE WITH FED-STD-H28/8, SCREW THREAD STANDARDS FOR FEDERAL SERVICES, EXCEPT THAT LENGTH OF EFFECTIVE THREAD L2 IS SHORTENED BY ONE THREAD ON SMALL END AND ONE THREAD ON LARGE END. SMALL END OF THREAD SHALL GAGE FROM FLUSH TO MINUS ONE AND ONE-HALF TURNS FROM SMALL END OF DRYSEAL (NPTF-L1) THIN RING GAGE. WIDTH OF FLAT ON THREAD CREST MAY BE .007 MAXIMUM.
- /7/ MINIMUM EFFECTIVE THREAD LENGTH.
8. SURFACE OR THROAT CHECK OPTIONAL.
- /9/ FITTING END IN ACCORDANCE WITH AS15000, STYLE OPTIONAL.
10. INTENDED USE: THIS PART IS INTENDED FOR USE IN LUBRICATING CONNECTIONS AT PRESSURES TO 6000 psi.