

REV.
B

AS15005

FEDERAL SUPPLY CLASS
4730

RATIONALE

REVISE AS15005 TO ADD ZINC NICKEL FINISH, PIPE THREAD NOT FOR CLARITY, AND QPL/QML NOTE.

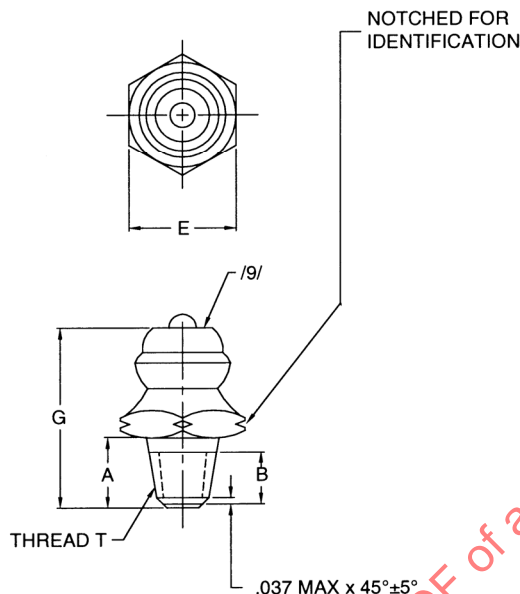


FIGURE 1 - FITTING, STRAIGHT

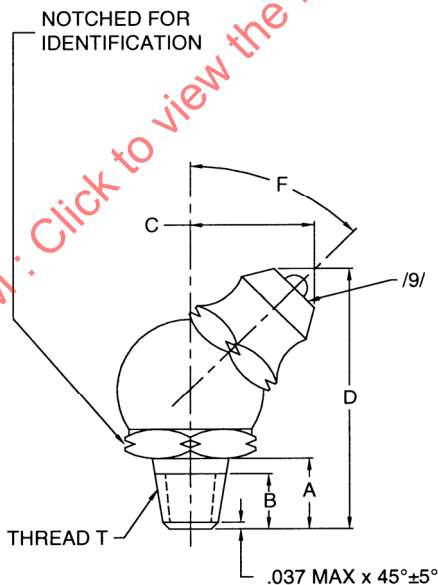
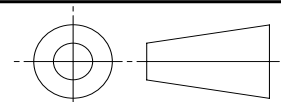


FIGURE 2 - FITTING, ELBOW

INACTIVE IN PART - SEE NOTE /17/

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /3/, /5/ AS35411

SAE Aerospace
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AEROSPACE STANDARD

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

AS15005
SHEET 1 OF 3

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B**

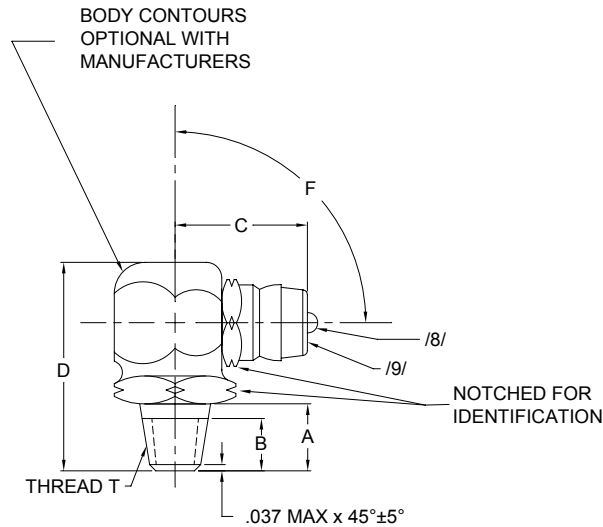


FIGURE 3 - FITTING, ELBOW, 90°

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	3	1/8-27	.312	.1875	.625	1.094	.438	65°	—	
AS15005-5	3	1/8-27	.312	.1875	.625	1.063	.438	90°	—	
AS15005-6	3	1/8-27	.312	.1875	.562	1.312	.438	105°	—	

NOTES:

1. MATERIAL: NICKEL-COPPER ALLOY. SEE PROCUREMENT SPECIFICATION.
2. HEAT TREATMENT: NONE.
3. FINISH: BRIGHT DIPPED. SEE PROCUREMENT SPECIFICATION AS35411. 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/ 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. PIPE THREAD SHALL BE PTF-SPL SHORT FOR ALL DASH NUMBERS EXCEPT -1 SHALL BE PTF-SPL EXTRA SHORT, IN ACCORDANCE WITH SAE J475.