

REV.
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SAE AS15005

FEDERAL SUPPLY CLASS
4730

RATIONALE

REVISE AS15005 TO UPDATE TABLE 1 BY REMOVING THE WEIGHT OF STEEL COLUMN AND TO INCOPORATE OTHER EDITORIAL CHANGES

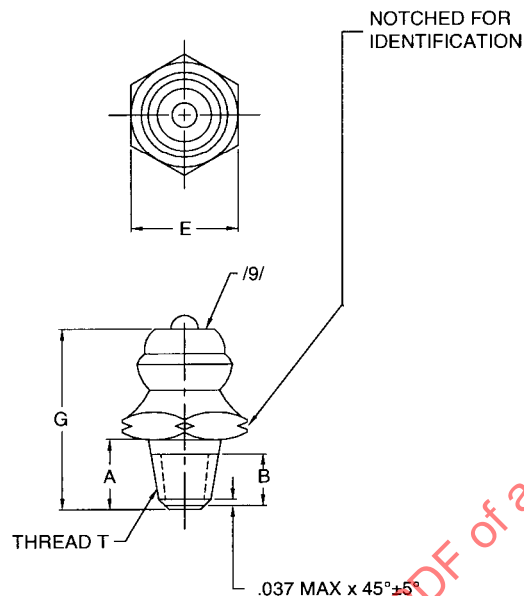


FIGURE 1 - FITTING, STRAIGHT

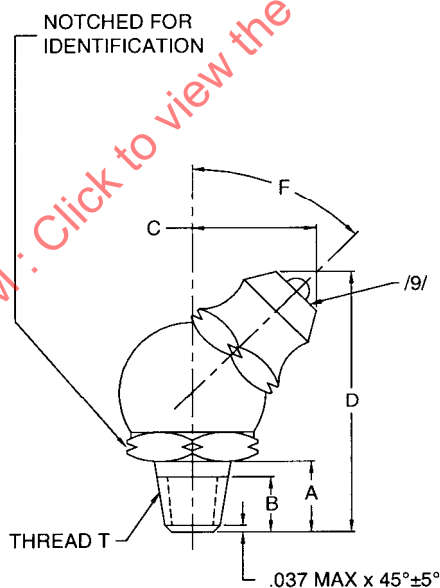
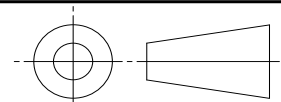


FIGURE 2 - FITTING, ELBOW

INACTIVE IN PART - SEE NOTE /17/

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS15005C>

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /3/, /5/ AS35411

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

SAE AS15005
SHEET 1 OF 3

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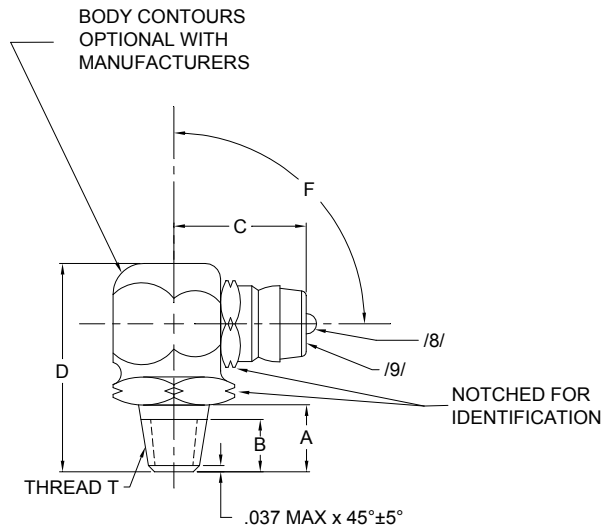


FIGURE 3 - FITTING, ELBOW, 90°

TABLE 1 - DIMENSIONS

PART NUMBER /15/	FIG.	THREAD T /6/	A ±.031	B /7/	C MAX	D MAX	E ±.003	F ±5°	G ±.062
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:

- MATERIAL: NICKEL-COPPER ALLOY. SEE PROCUREMENT SPECIFICATION.
- HEAT TREATMENT: NONE.
- FINISH: BRIGHT DIPPED. SEE PROCUREMENT SPECIFICATION.
- IDENTIFICATION: MARK PER AS478 METHOD 35D MANUFACTURER'S NAME, CAGE CODE OR TRADEMARK, AND PART NUMBER.
- 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.
- 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.
- MINIMUM EFFECTIVE THREAD LENGTH.
- SURFACE OR THROAT CHECK VALVE IS OPTIONAL.
- FITTING END IN ACCORDANCE WITH AS15000, STYLE OPTIONAL.
- INTENDED USE: THIS PART IS INTENDED FOR USE IN LUBRICATING CONNECTIONS AT PRESSURES TO 6000 psi.

 <i>An SAE International Group</i>	AEROSPACE STANDARD		SAE AS15005 SHEET 2 OF 3	REV. C
	FITTING, LUBRICATION, HYDRAULIC, THROAT OR SURFACE CHECK, 1/8 PIPE THREADS, NICKEL-COPPER ALLOY, TYPE V			