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AS8575™

RATIONALE

FEDERAL SUPPLY CLASS
4730

NEW STANDARD FOR OPERATING PRESSURES UP TO AND INCLUDING 3000 PSI.

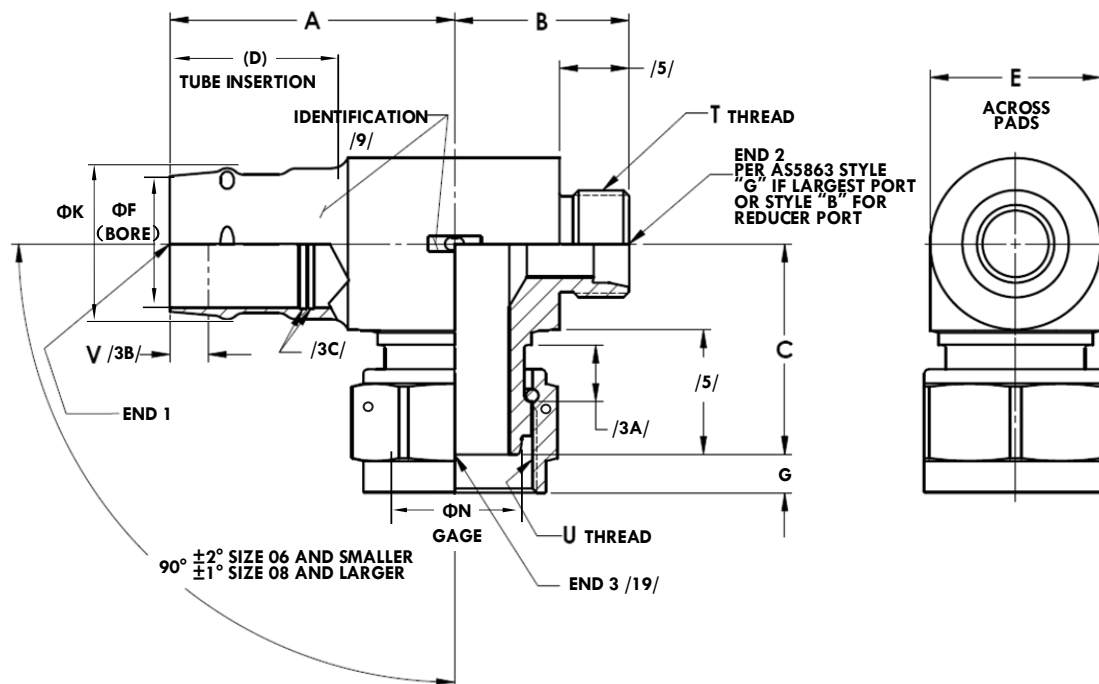
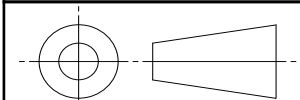


FIGURE 1 - TEE, MALE FLARELESS TO EXTERNAL SWAGE ON RUN, FEMALE FLARELESS ON BRANCH

For more information on this standard, visit
<https://www.sae.org/standards/content/AS8575/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4459 /6/



AEROSPACE STANDARD

FITTING, TEE, MALE FLARELESS TO EXTERNAL
SWAGE ON RUN, FEMALE FLARELESS ON BRANCH,
HYDRAULIC

AS8575™
SHEET 1 OF 4

Documents

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TABLE 1A - DIMENSIONS A THROUGH D

BASIC NO. AS8575 /15/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	A	B	C	(D) /17/
060808	.375	.500	.500	1.477-1.507	1.065-1.095	1.367-1.397	.690
061008	.375	.625	.500	1.447-1.477	1.228-1.258	1.484-1.514	.690
201220	1.250	.750	1.250	2.806-2.836	1.714-1.744	2.062-2.092	1.550

TABLE 1B - DIMENSIONS E THROUGH K AND THREAD T

BASIC NO. AS8575 /15/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	E ±0.015	ΦF	G	ΦK /16/	(T) THREAD PER AS8879
060808	.375	.500	.500	.705	.382- .385	.235	.480	.7500-16 UNJF-3A
061008	.375	.625	.500	.861	.382- .385	.235	.480	.8750-14 UNJF-3A
201220	1.250	.750	1.250	1.692	1.258-1.262	.380	1.489	1.0625-12 UNJ-3A

TABLE 1C - THREAD U, DIMENSIONS V AND WEIGHTS

BASIC NO. AS8575 /15/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	(U) THREAD PER AS8879	ØN GAGE	V	WEIGHT APPROX LB/EA CRES	WEIGHT APPROX LB/EA AL
060808	.375	.500	.500	.7500-16 UNJF-3B	.5600	.220-.270	.230	.080
061008	.375	.625	.500	.7500-16 UNJF-3B	.5600	.220-.270	.290	.110
201220	1.250	.750	1.250	1.0625-12 UNJ-3B	1.3160	.365-.390	1.528	.530

NOTES:

/1/ MATERIAL:

CODE LETTER “-”

BODY: 21-6-9 CORROSION RESISTANT STEEL PER AMS5656.

NUT: 304 STAINLESS STEEL PER AMS-QQ-S-763.

WIRE: 305 STAINLESS STEEL PER ASTM A580/A580M.

CODE LETTER “D”

BODY: 6061-T6 ALUMINUM ALLOY PER AMS4127.

NUT: 2024-T6 ALUMINUM ALLOY PER AMS-QQ-A-225/6.

WIRE: 2024-T4 OR T351 ALUMINUM ALLOY PER AMS-QQ-A-225.

/2/ FINISH AND COATING:

MATERIAL CODE LETTER “-”

BODY: PASSIVATE THE WHOLE PART PER AMS2700.

NUT: PASSIVATION PER AMS2700.

WIRE: PASSIVATION PER AMS2700.

MATERIAL CODE LETTER “D”

BODY: CHEMICAL CONVERSION COAT ENTIRE PART (INCLUDING BORE DIAMETERS) PER MIL-DTL-5541, CLASS 1A. PART NUMBERS WITH SUFFIX CODE “P” SHALL INCLUDE A PROTECTIVE ANODIZE LAYER (GREEN) ON THREADS ONLY PER MIL-A-625, TYPE II CLASS 2 WITH SEAL.

NUT: ANODIZED WITH SEAL (YELLOW) PER MIL-A-8625 TYPE II CLASS 2.

ALUMINUM WIRE: ANODIZED WITH SEAL (YELLOW) PER MIL-A-8625 TYPE II CLASS 2.

	AEROSPACE STANDARD		AS8575™ SHEET 2 OF 4	
	FITTING, TEE, MALE FLARELESS TO EXTERNAL SWAGE ON RUN, FEMALE FLARELESS ON BRANCH, HYDRAULIC			



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