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REV.
B

AS4311™

FEDERAL SUPPLY CLASS
4730

RATIONALE

UPDATE PROCUREMENT SPECIFICATION NOTE TO CURRENT QML VERBIAGE. CENTER BODY DIMENSION NOTE 8 REVISED TO REFER TO AS1376 TABLE 11 IN LIEU OF TABLE 2.

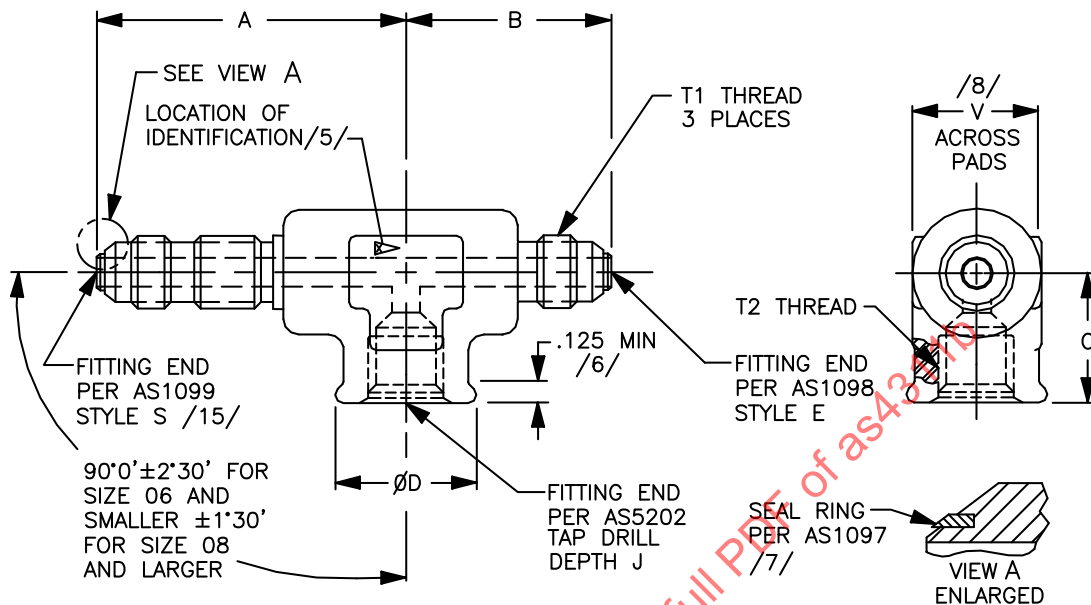
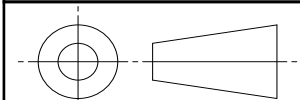


FIGURE 1 - TEE, FLARED TUBE, INTERNAL THREAD ON SIDE

For more information on this standard, visit
<https://www.sae.org/standards/content/AS4311B/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: KSC-F-124 /4/



AEROSPACE STANDARD

FITTING, TEE, FLARED TUBE,
INTERNAL THREAD ON SIDE,
FOR SEAL RING

AS4311™
SHEET 1 OF 3

REV.
B

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ISSUED 1993-08 REAFFIRMED 2007-09 REVISED 2022-10

TABLE 1 - DIMENSIONS

BASIC NUMBER AS4311 /17/ SIZE CODE	NOMINAL TUBE SIZE	T1 THREAD PER AS8879 CLASS 3A	T2 THREAD PER AS8879 CLASS 3B	A +.000 -.047	B +.000 -.047	C +.000 -.047	D
04	.250	.4375-20UNJF	.4375-20UNJF	1.797	1.235	.797	.750
06	.375	.5625-18UNJF	.5625-18UNJF	2.047	1.297	.860	.875
08	.500	.7500-16UNJF	.7500-16UNJF	2.203	1.485	1.047	1.063
10	.625	.8750-14UNJF	.8750-14UNJF	2.422	1.672	1.203	1.188
12	.750	1.0625-12UNJ	1.0625-12UNJ	2.672	1.860	1.391	1.438
16	1.000	1.3125-12UNJ	1.3125-12UNJ	2.891	2.110	1.578	1.688
20	1.250	1.6250-12UNJ	1.6250-12UNJ	3.078	2.297	1.766	2.000

TABLE 2 - DIMENSIONS AND WEIGHTS

BASIC NUMBER AS4311 /17/ SIZE CODE	NOMINAL TUBE SIZE	J +.047 -.000	V /8/	LB/EA APPROX REF ALUM	LB/EA APPROX REF CRES
04	.250	.750	.750	.101	.280
06	.375	.813	.875	.143	.395
08	.500	1.000	1.063	.235	.652
10	.625	1.156	1.063	.253	.702
12	.750	1.344	1.313	.417	1.160
16	1.000	1.531	1.625	.663	1.840
20	1.250	1.719	1.875	.906	2.510

NOTES:

/1/ MATERIAL:

- a. CODE LETTER D: TYPE 2014-T6 ALUMINUM ALLOY FORGING PER AMS4133 OR AMS-QQ-A-367; OR 2024-T6 OR 2024-T851 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/6 OR AMS-QQ-S-763.
 - b. CODE LETTER J: 304 CORROSION RESISTANT STEEL FORGING OR BAR PER QQ-S-763 OR AMS5639.
 - c. CODE LETTER K: 316 CORROSION RESISTANT STEEL FORGING OR BAR PER QQ-S-763 OR AMS5648.
 - d. CODE LETTER R: 321 CORROSION RESISTANT STEEL FORGING OR BAR PER QQ-S-763 OR AMS5645.
 - e. CODE LETTER S: 347 CORROSION RESISTANT STEEL FORGING OR BAR PER QQ-S-763 OR AMS5646.
2. HEAT TREAT PER PROCUREMENT SPECIFICATION.
 3. FINISH:
 - a. MATERIAL CODE LETTER D: ANODIZE PER AMS2472 OR MIL-PRF-8625 TYPE II, CLASS 2, COLOR BLUE DUPLEX SEAL PER PROCUREMENT SPECIFICATION.
 - b. CORROSION RESISTANT STEEL: PASSIVATE PER AMS2700, TYPE 6 OR 7.
 4. PROCUREMENT SPECIFICATION: KSC-F-124 - JOHN F. KENNEDY SPACE CENTER, NASA, SPECIFICATION FOR FITTINGS (PRESSURE CONNECTIONS), FLARED TUBE. PRODUCT MANUFACTURED TO THIS STANDARD SHALL MEET THE REQUIREMENTS SPECIFIED HEREIN AND THE PROCUREMENT SPECIFICATION. ORIGINAL COMPONENT MANUFACTURERS (OCM) AND VALUE ADDED DISTRIBUTORS (VAD) SHALL BE LISTED IN THE NADCAP QUALIFIED MANUFACTURER LIST (QML) AC7112, AC7112/2 FOR THIS PRODUCT TYPE. THE QML IS AVAILABLE AT www.eAuditNet.com.



AEROSPACE STANDARD

FITTING, TEE, FLARED TUBE,
INTERNAL THREAD ON SIDE,
FOR SEAL RING

AS4311™
SHEET 2 OF 3

REV.
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