

REV.  
C

AS85421/17

FEDERAL SUPPLY CLASS  
4730

RATIONALE

AS85421/17C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

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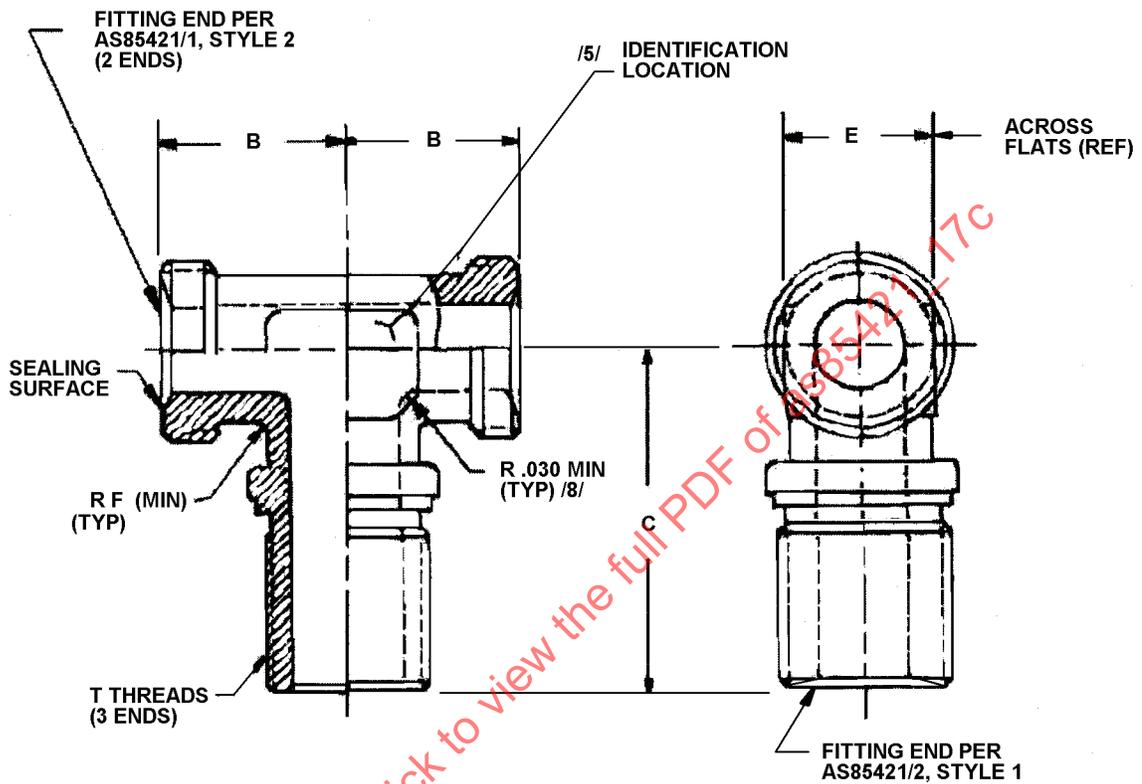
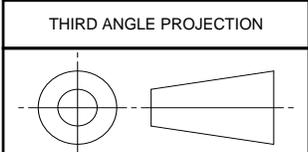


FIGURE 1

SAENORM.COM : Click to view the full PDF of AS85421-17C

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CUSTODIAN: G-3

PROCUREMENT SPECIFICATION: AS85421 /4/



**AEROSPACE STANDARD**

FITTING, TEE,  
BEAM SEAL, 3000/4000 PSI,  
BULKHEAD ON BRANCH, MALE ENDS

AS85421/17  
SHEET 1 OF 3

REV.  
C

ISSUED 2001-05 REVISED 2008-01 REAFFIRMED 2015-04

TABLE 1 - DIMENSIONAL DATA

DASH NO.	TUBE O.D.	T THREAD AS8879	B	C	E (REF)	F RAD (MIN)	MASS. LB/EA APPROX, REF	
							TI	CRES
-03	.188	.3750-28UNJS-3A	.575	1.143	.375	.042	.035	.062
-04	.250	.4375-24UNJS-3A	.617	1.225	.375	.042	.041	.073
-05	.312	.5000-24UNJS-3A	.653	1.261	.438	.042	.054	.096
-06	.375	.5625-20UNJS-3A	.704	1.353	.500	.042	.067	.119
-08	.500	.7188-20UNJS-3A	.824	1.542	.562	.070	.114	.203
-10	.625	.8438-18UNJS-3A	.955	1.769	.688	.070	.163	.288
-12	.750	1.0000-16UNJ-3A	1.062	1.953	.875	.098	.233	.412
-14	.875	1.1250-16UNJ-3A	1.216	2.188	1.125	.098	.387	.684
-16	1.000	1.2500-14UNJS-3A	1.246	2.188	1.125	.098	.373	.659
-20	1.250	1.5781-14UNJS-3A	1.387	2.326	1.375	.098	.572	1.012
-24	1.500	1.8438-14UNJS-3A	1.688	2.712	1.625	.098	.928	1.643

SIZES -20 AND -24 WERE ORIGINALLY DESIGNATED AS SIZES -21 AND -25 ON SOME MANUFACTURER'S DRAWINGS. THESE SIZES WILL NOT CONNECT WITH THE ORIGINAL -20 AND -24 FITTINGS. SEE PARAGRAPH 6.4 IN THE PROCUREMENT SPECIFICATION FOR ADDITIONAL INFORMATION.

## NOTES:

## /1/ MATERIAL:

- a. CODE LETTER P - TYPE 17-4PH CORROSION RESISTANT STEEL PER AMS5643.
- b. CODE LETTER T - TYPE 6AL-4V TITANIUM ALLOY BAR PER AMS4928 OR AMS4965.
- c. CODE LETTER V - TYPE 15-5PH, CORROSION RESISTANT STEEL PER AMS5659.

## 2. HEAT TREATMENT:

- a. MATERIAL CODE LETTER P - CONDITION H1075 PER AMS2759/3.
- b. MATERIAL CODE LETTER T - NONE.
- c. MATERIAL CODE LETTER V - AGE TO CONDITION H 1075 PER AMS-H-6875 OR AMS2759/3.

## 3. FINISH:

- a. MATERIAL CODE LETTER P - PASSIVATE PER AMS2700, TYPE 6 OR 7.
- b. MATERIAL CODE LETTER T - NONE.
- c. MATERIAL CODE LETTER V - PASSIVATE PER AMS2700, TYPE 6 OR 7.

/4/ PROCUREMENT SPECIFICATION: AS85421 EXCEPT AS SPECIFIED ON THIS STANDARD. PRODUCT SUPPLIED TO THIS SPECIFICATION SHALL BE MANUFACTURED BY AN ACCREDITED MANUFACTURER LISTED IN THE PERFORMANCE REVIEW INSTITUTE (PRI) QUALIFIED PRODUCTS LIST (QPL) PRI-QPL-AS85421 FOR THIS STANDARD. SEE WW.EAUDITNET.COM FOR CURRENT QPL ON-LINE.

/5/ IDENTIFICATION AT LOCATION SHOWN: MARK PER AS478 CLASS C OR D, OR METHOD 7A3, 15A3, OR 15B.

- a. FOR SIZES 06 AND SMALLER: MANUFACTURER'S NAME, CAGE CODE OR TRADEMARK, LETTERS "AS" AND MATERIAL CODE LETTER, AND FORGING MANUFACTURER'S IDENTIFICATION WHEN MADE FROM FORGING.
- b. FOR SIZES 08 AND LARGER: MANUFACTURER'S NAME, CAGE CODE OR TRADEMARK, BASIC PART NUMBER AND MATERIAL CODE LETTER, AND FORGING MANUFACTURER'S IDENTIFICATION WHEN MADE FROM FORGING.

	<b>AEROSPACE STANDARD</b>	<b>AS85421/17</b> SHEET 2 OF 3	<b>REV.</b> <b>C</b>
	FITTING, TEE, BEAM SEAL, 3000/4000 PSI, BULKHEAD ON BRANCH, MALE ENDS		