

REV.
C

AS85421/5

FEDERAL SUPPLY CLASS
4730

RATIONALE

AS85421/5C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

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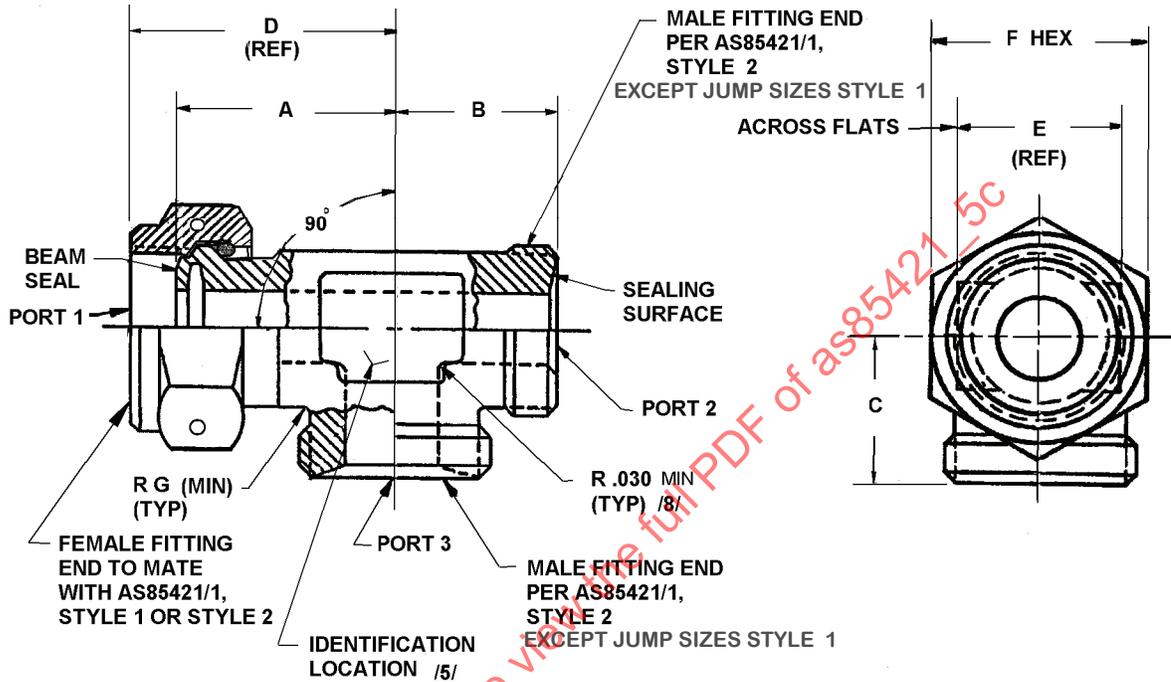
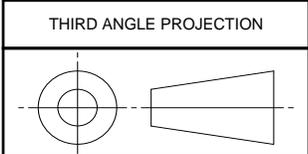


FIGURE 1

SAENORM.COM : Click to View the full PDF of as85421-5c

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CUSTODIAN: G-3

PROCUREMENT SPECIFICATION: AS85421 /4/



AEROSPACE STANDARD

FITTING, TEE, REDUCER AND NON-REDUCER, BEAM SEAL, 3000/4000 PSI, MALE ON RUN AND, BRANCH, SWIVEL NUT ON RUN

AS85421/5
SHEET 1 OF 3

REV.
C

ISSUED 2002-01 REVISED 2008-01 REAFFIRMED 2015-04

TABLE 1 - DIMENSIONAL DATA

PORT (1)	PORT (2)	PORT (3)	A	B	C	D (REF)	E (REF)	F		G RAD (MIN)	MASS, LB/EA, MAX	
								MIN	MAX		TI	CRES
04	04	04	.808	.684	.684	1.014	.500	.558	.565	.042	.058	.102
04	06	06	.808	.704	.704	1.014	.500	.558	.565	.042	.056	.098
06	04	04	.945	.684	.684	1.178	.500	.684	.692	.042	.067	.117
06	04	06	.945	.684	.704	1.178	.500	.684	.692	.042	.066	.116
06	08	04	.945	.824	.684	1.178	.562	.684	.692	.042	.085	.149
06	06	06	.945	.704	.704	1.178	.500	.684	.692	.042	.066	.116
08	06	08	1.045	.811	.824	1.294	.562	.871	.878	.070	.105	.184
08	08	08	1.045	.824	.824	1.294	.562	.871	.878	.070	.106	.186
10	06	06	1.178	.878	.878	1.485	.688	.996	1.003	.070	.142	.248

NOTES:

/1/ MATERIAL:

- a. CODE LETTER P - TYPE 17-4PH CORROSION RESISTANT STEEL PER AMS 5643.
- b. CODE LETTER T - TYPE 6AL-4V TITANIUM ALLOY BAR PER AMS 4928 OR AMS 4965.
- c. CODE LETTER V - TYPE 15-5PH, CORROSION RESISTANT STEEL PER AMS 5659.

2. HEAT TREATMENT:

- a. MATERIAL CODE LETTER P - CONDITION H1075 PER AMS 2759/3.
- b. MATERIAL CODE LETTER T - NONE.
- c. MATERIAL CODE LETTER V - AGE TO CONDITION H 1075 PER AMS-H-6875 OR AMS 2759/3.

3. FINISH:

- a. MATERIAL CODE LETTER P - PASSIVATE PER AMS 2700, TYPE 6 OR 7.
- b. MATERIAL CODE LETTER T - NONE.
- c. MATERIAL CODE LETTER V - PASSIVATE PER AMS 2700, 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 WWW.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.