

**REV.
B**

AS85421/3

RATIONALE

THIS DOCUMENT IS REVISED TO INCLUDE PRI-QPL REQUIREMENTS AND REFORMATTED TO BE IN ACCORDANCE WITH SAE GUIDELINES.

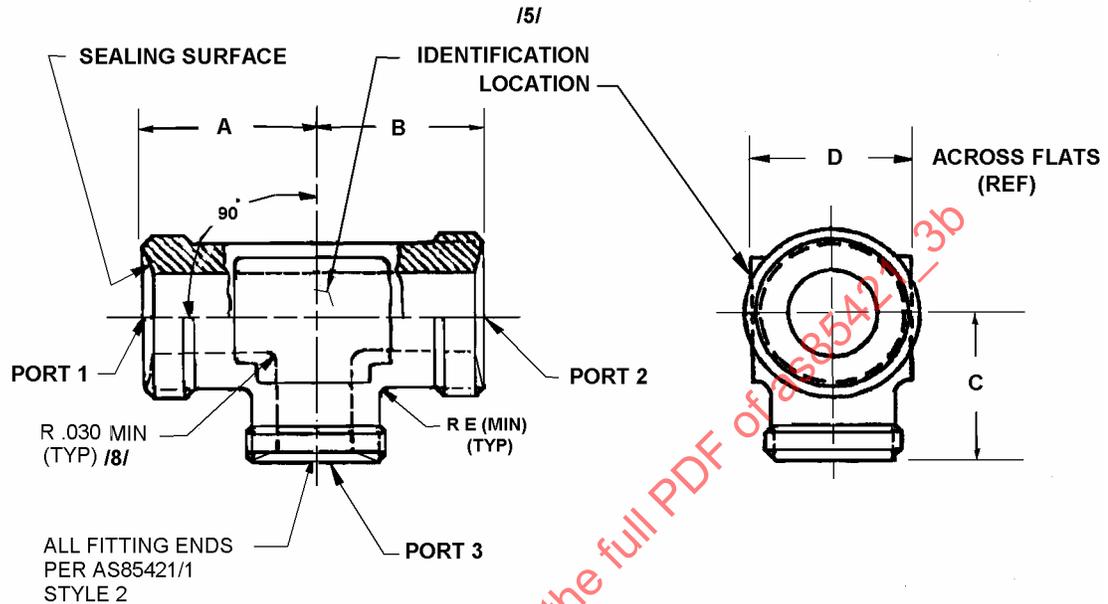
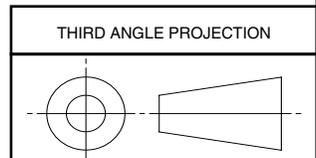


FIGURE 1

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CUSTODIAN: SAE G-3

PROCUREMENT SPECIFICATION: AS85421 /4/

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) FITTING, TEE, REDUCER, BEAM SEAL,
3000/4000 PSI, 3 MALE ENDS

AS85421/3
SHEET 1 OF 3

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ISSUED 2002-01 REVISED 2006-11

TABLE 1 - DIMENSIONAL DATA

PORT (1)	PORT (2)	PORT (3)	A	B	C	D (REF)	E RAD (MIN)	WT LB (MAX)	
								TI	CRES
04	04	04	.684	.684	.684	.500	.042	.042	.073
04	04	06	.684	.684	.704	.500	.042	.044	.077
06	04	06	.704	.684	.704	.500	.042	.046	.081
06	06	04	.704	.704	.684	.500	.042	.046	.081
06	06	06	.704	.704	.704	.500	.042	.047	.084
06	06	08	.811	.811	.824	.562	.070	.048	.086
08	04	04	.824	.791	.791	.562	.070	.051	.090
08	04	08	.824	.791	.824	.562	.070	.057	.100
08	06	06	.824	.811	.811	.562	.070	.055	.097
08	08	04	.824	.824	.791	.562	.070	.068	.121
08	08	06	.824	.824	.811	.562	.070	.070	.124
08	08	08	.824	.824	.824	.562	.070	.078	.138
10	08	08	.955	.891	.891	.688	.070	.086	.152
10	10	08	.955	.955	.891	.688	.070	.145	.200
10	10	10	.955	.955	.955	.688	.070	.195	.248
12	08	08	1.062	.958	.958	.875	.098	.134	.260
12	10	08	1.062	1.022	.958	.875	.098	.176	.311
12	12	08	1.062	1.062	.958	.875	.098	.244	.432
12	12	12	1.062	1.062	1.062	.875	.098	.258	.456
12	12	16	1.198	1.198	1.246	1.125	.098	.271	.479
16	10	16	1.246	1.158	1.246	1.125	.098	.260	.459
16	12	12	1.246	1.198	1.198	1.125	.098	.271	.479
16	16	10	1.246	1.246	1.158	1.125	.098	.260	.459
16	16	16	1.246	1.246	1.246	1.125	.098	.256	.435

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-QQ-P-35, TYPE VI OR VII.
- b. MATERIAL CODE LETTER T - NONE.
- c. MATERIAL CODE LETTER V - PASSIVATE PER AMS-QQ-P-35, TYPE VI OR VII.

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