

REV.
C

AS85421/3

RATIONALE

AS85421/3C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

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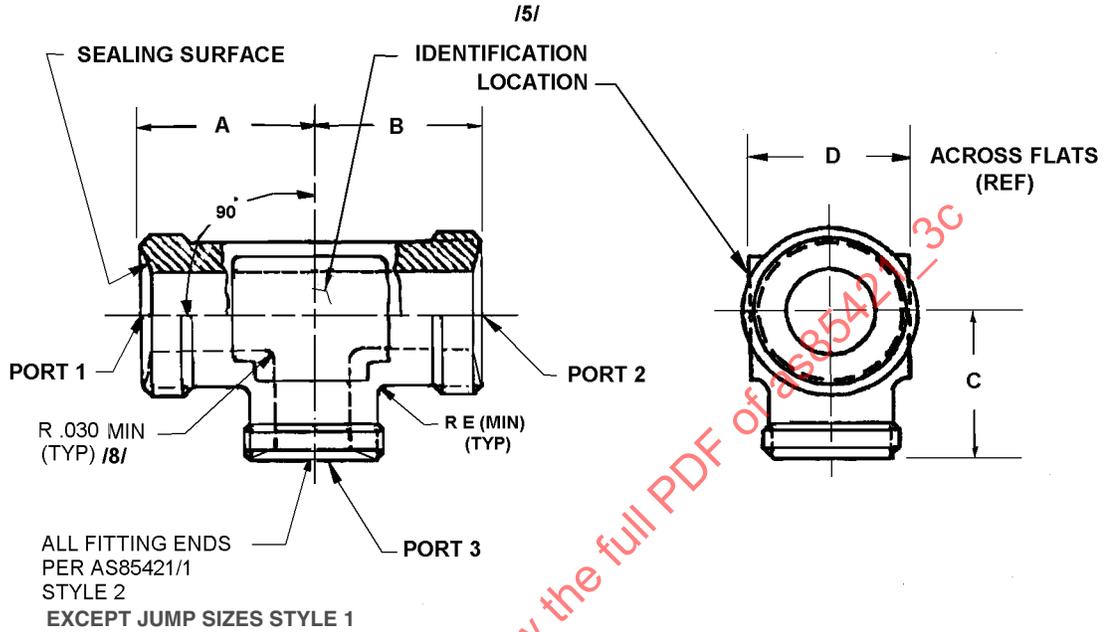
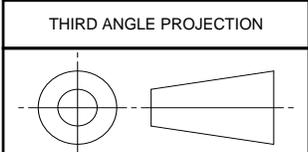


FIGURE 1

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CUSTODIAN: G-3

PROCUREMENT SPECIFICATION: AS85421 /4/



AEROSPACE STANDARD

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

AS85421/3
SHEET 1 OF 3

REV.
C

TABLE 1 - DIMENSIONAL DATA

| PORT (1) | PORT (2) | PORT (3) | A | B | C | D (REF) | E RAD (MIN) | MASS LB/EA APPROX REF | |
|-------------|-------------|-------------|-------|-------|-------|------------|----------------|--------------------------------|------|
| | | | | | | | | TI | CRES |
| 04 | 04 | 04 | .684 | .684 | .684 | .500 | .042 | .047 | .083 |
| 04 | 04 | 06 | .684 | .684 | .704 | .500 | .042 | .046 | .082 |
| 06 | 04 | 06 | .704 | .684 | .704 | .500 | .042 | .045 | .080 |
| 06 | 06 | 04 | .704 | .704 | .684 | .500 | .042 | .045 | .080 |
| 06 | 06 | 06 | .704 | .704 | .704 | .500 | .042 | .045 | .080 |
| 06 | 06 | 08 | .811 | .811 | .824 | .562 | .070 | .074 | .130 |
| 08 | 04 | 04 | .824 | .791 | .791 | .562 | .070 | .074 | .131 |
| 08 | 04 | 08 | .824 | .791 | .824 | .562 | .070 | .074 | .131 |
| 08 | 06 | 06 | .824 | .811 | .811 | .562 | .070 | .073 | .129 |
| 08 | 08 | 04 | .824 | .824 | .791 | .562 | .070 | .074 | .131 |
| 08 | 08 | 06 | .824 | .824 | .811 | .562 | .070 | .073 | .130 |
| 08 | 08 | 08 | .824 | .824 | .824 | .562 | .070 | .074 | .132 |
| 10 | 08 | 08 | .955 | .891 | .891 | .688 | .070 | .108 | .191 |
| 10 | 10 | 08 | .955 | .955 | .891 | .688 | .070 | .107 | .189 |
| 10 | 10 | 10 | .955 | .955 | .955 | .688 | .070 | .107 | .189 |
| 12 | 08 | 08 | 1.062 | .958 | .958 | .875 | .098 | .165 | .292 |
| 12 | 10 | 08 | 1.062 | 1.022 | .958 | .875 | .098 | .165 | .291 |
| 12 | 12 | 08 | 1.062 | 1.062 | .958 | .875 | .098 | .160 | .283 |
| 12 | 12 | 12 | 1.062 | 1.062 | 1.062 | .875 | .098 | .158 | .279 |
| 12 | 12 | 16 | 1.198 | 1.198 | 1.246 | 1.125 | .098 | .294 | .520 |
| 16 | 10 | 16 | 1.246 | 1.158 | 1.246 | 1.125 | .098 | .280 | .495 |
| 16 | 12 | 12 | 1.246 | 1.198 | 1.198 | 1.125 | .098 | .286 | .507 |
| 16 | 16 | 10 | 1.246 | 1.246 | 1.158 | 1.125 | .098 | .276 | .488 |
| 16 | 16 | 16 | 1.246 | 1.246 | 1.246 | 1.125 | .098 | .266 | .471 |

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 WW.EAUDITNET.COM FOR CURRENT QPL ON-LINE.

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|  | AEROSPACE STANDARD | AS85421/3 SHEET 2 OF 3 | REV. C |
| | FITTING, TEE, REDUCER, BEAM SEAL, 3000/4000 PSI, 3 MALE ENDS | | |