

REV. A

AS4673

FEDERAL SUPPLY CLASS
4730

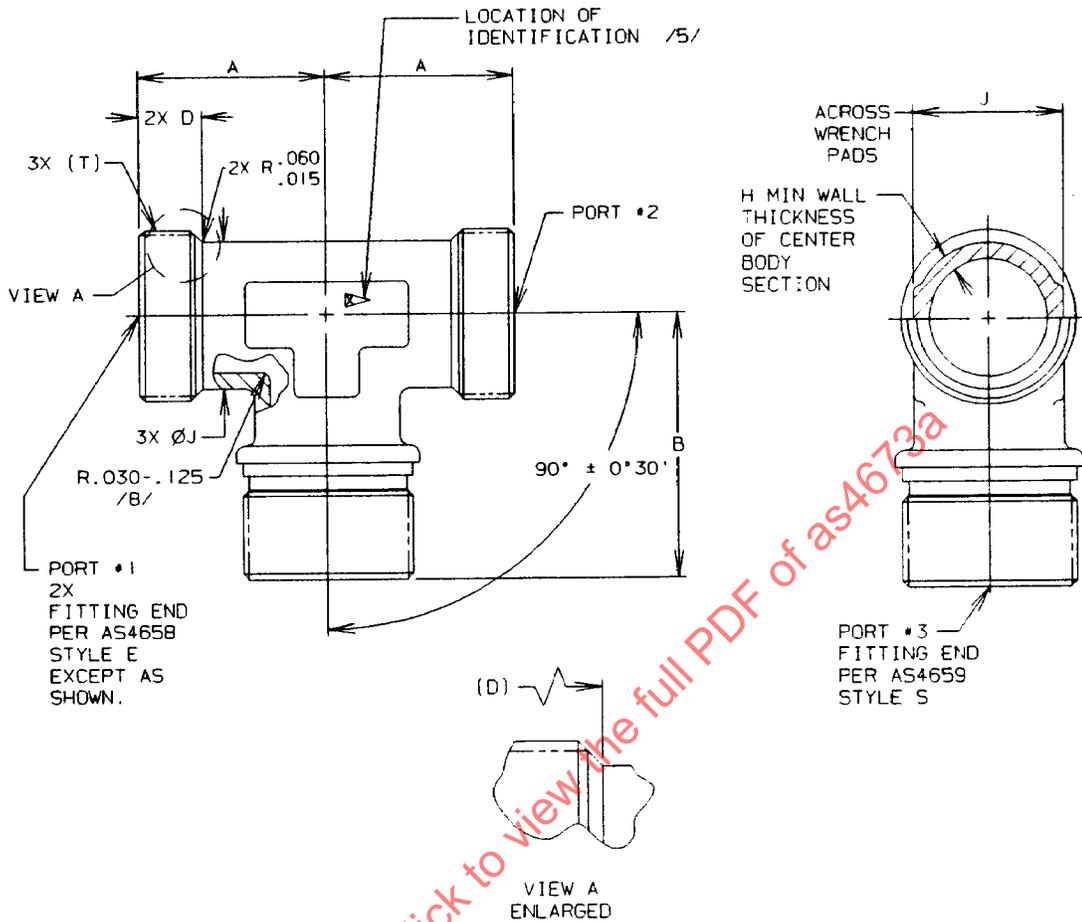
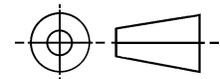


FIGURE 1 - FITTING, TEE

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO.	(NOMINAL TUBE SIZE)	T THREAD PER MIL-S-8879	A	B	D	H	J + .005/- .020	LB/EA MAX ALUM	LB/EA MAX CRES	LB/EA MAX TI
AS4673	20	1.5625-12UNJ	1.798	2.686	.517	.122	1.375	.474	1.316	.752
	24	1.8125-12UNJ	1.986	2.968	.614	.154	1.688	.700	1.941	1.109

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ MIL-F-18280

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

FITTING, TEE, BULKHEAD ON SIDE,
SHORT FLARELESS

AS4673
SHEET 1 OF 3

REV. A

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

Copyright 2004 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada) Fax: 724-776-0790

Tel: 724-776-4970 (outside USA) Email: custsvc@sae.org

SAE WEB ADDRESS: <http://www.sae.org>

ISSUED 1992-07 REVISED 1994-12 REAFFIRMED 2004-07

REV.
A

AS4673

NOTES:

- /1/ MATERIAL:
- a. CODE LETTER T: TYPE 6AL-4V TITANIUM ALLOY FORGING OR BAR PER AMS 4928
 - b. CODE LETTER V: TYPE 15-5PH CORROSION RESISTANT STEEL FORGING OR BAR PER AMS 5659
 - c. CODE LETTER W: TYPE 7075-T73 ALUMINUM ALLOY FORGING PER AMS 4141 OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS 4124
2. HEAT TREATMENT:
- a. MATERIAL CODE LETTER T: NONE
 - b. MATERIAL CODE LETTER V: HEAT TREAT TO CONDITION H-1075 PER AMS 2759/3
 - c. MATERIAL CODE LETTER W: NONE
- /3/ FINISH:
- a. MATERIAL CODE LETTER T - FLUORIDE PHOSPHATE CONVERSION COAT PER AMS 2486
 - b. MATERIAL CODE LETTER V:
 - (1) V CODE PARTS TO BE PASSIVATED ONLY WILL HAVE NO FINISH CODE LETTER AFTER THE SIZE CODE IN THE PART NUMBER. THE FINISH WILL BE: PASSIVATE PER QQ-P-35, TYPE II OR VIII.
 - (2) V CODE PARTS TO BE CADMIUM PLATED ONLY WILL HAVE THE FINISH CODE LETTER "P" AFTER THE SIZE CODE IN THE PART NUMBER. THE FINISH WILL BE: CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2.
 - c. MATERIAL CODE LETTER W: ANODIZE PER AMS 2472 OR PER MIL-A-8625, TYPE II, CLASS 2 DYED BROWN SIMILAR TO COLOR 10080 OF FED-STD-595
- /4/ PROCUREMENT SPECIFICATION: MIL-F-18280 EXCEPT AS SPECIFIED ON THIS STANDARD. THIS PART SHALL BE QUALIFIED TO THE PROCUREMENT SPECIFICATION AS APPLICABLE IN A COMPLETE ASSEMBLY. USERS OF THIS STANDARD ARE ADVISED TO CONTROL SOURCE APPROVAL(S) BY STANDARD PAGE SUPPLEMENT SHEET OR SIMILAR MEANS.
- /5/ IDENTIFICATION AT LOCATION SHOWN: MARK PER AS478 CLASS C OR D OR METHOD 7A3, 15A3, OR 15B. MANUFACTURER'S NAME, TRADEMARK OR CAGE CODE, BASIC PART NUMBER, AND MATERIAL CODE LETTER.
6. THIS PART IS DESIGNED FOR USE IN SYSTEMS WITH OPERATING PRESSURES AS FOLLOWS:
- a. SIZES -20 AND -24 TITANIUM ALLOY AND CORROSION RESISTANT STEEL AT 3000 psi
 - b. SIZES -20 AND -24 ALUMINUM ALLOY AT 600 psi
7. WHEN MACHINED FROM BAR OR OVERSIZED FORGINGS THE CENTER BODY SECTION SHALL CONFORM TO AS1376 TABLE 10.
- /8/ RADIUS APPLICABLE FOR TITANIUM PARTS ONLY.
- /9/ THIS IS A NONREDUCER FITTING. ALL PORTS OF ANY GIVEN PART WILL BE THE SAME SIZE. FOR REDUCERS USE AS4690.
10. THE (R) IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS SPECIFICATION. IF THE SYMBOL IS NEXT TO THE SPECIFICATION TITLE, IT INDICATES A COMPLETE REVISION OF THE REPORT.
11. INVENTORIED PARTS CONFORMING TO THE PREVIOUS "LETTER CHANGE" MAY BE USED TO DEPLETION.
12. INTERPRETATION OF DRAWING PER ARP4296.
13. SURFACE TEXTURE: SYMBOLS PER ANSI Y14.36; REQUIREMENTS PER ANSI/ASME B46.1. UNLESS OTHERWISE SPECIFIED, MACHINED SURFACES TO BE 125 μ in Ra.
14. BREAK EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.