

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 revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV.
D

AS4133™

RATIONALE

FEDERAL SUPPLY CLASS
4730

GRAPHICS REDRAWN. FLAGNOTE /13/ ADDED TO BOTH ØE AND DIM P IN FIGURE 1. 45° DIMENSION BEHIND THREAD HAS BEEN REMOVED BECAUSE IT IS ALREADY BEING DEFINED ON AS4375, STYLE E. GENERAL UPDATES INCORPORATED.

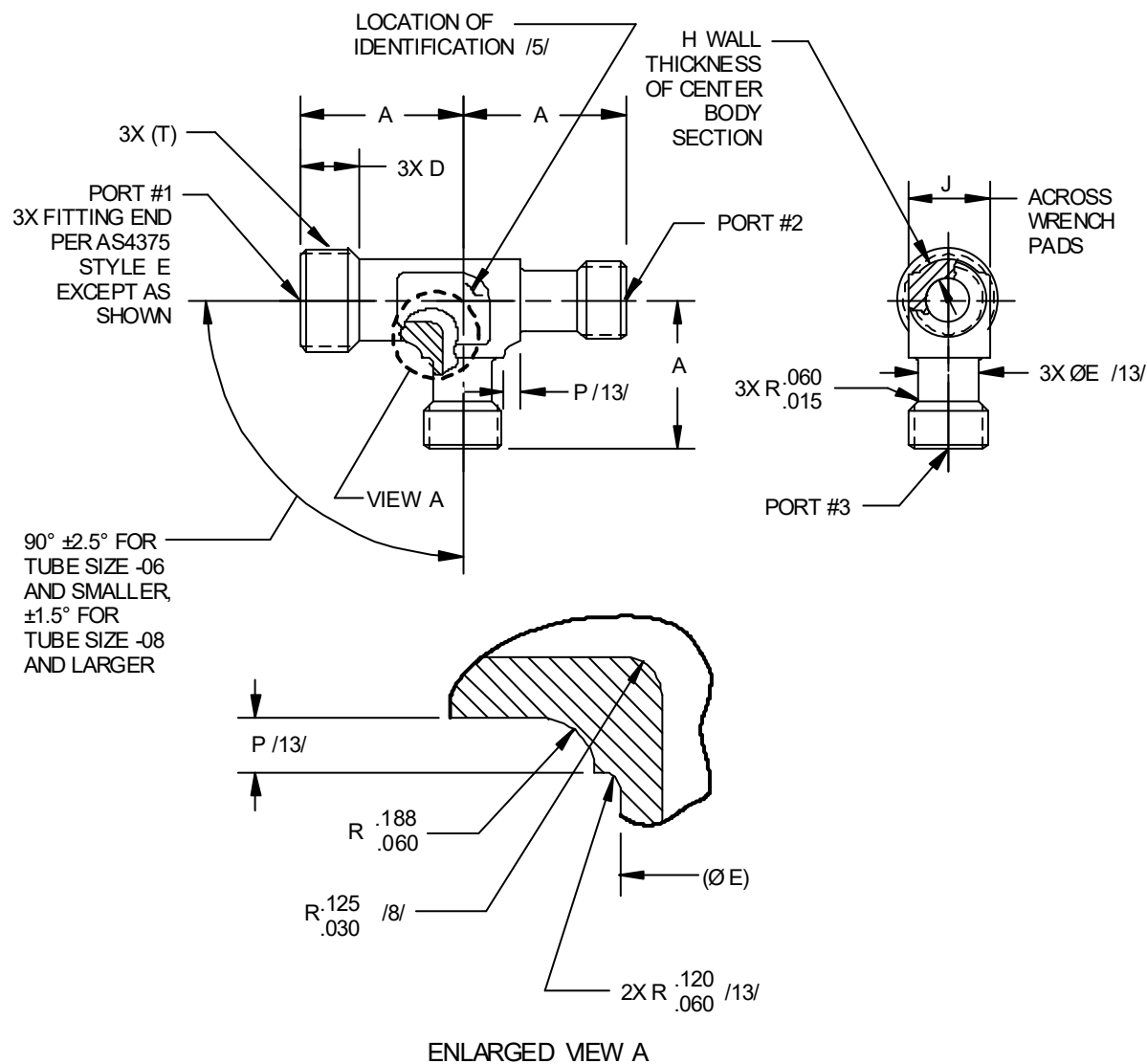
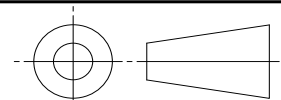


FIGURE 1 - TEE, REDUCED BODY, FLARELESS

SAE values your input. To provide feedback on this Technical Report, please visit <http://standards.sae.org/AS4133D>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /4/



AEROSPACE STANDARD

TEE, STANDARD AND REDUCER, REDUCED BODY, FLARELESS

AS4133™
SHEET 1 OF 4

REV.
D

Documents

Copyright © 2019 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: +1 724-776-4970 (outside USA)
Email: CustomerService@sae.org

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

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. AS4133 /18/ SIZE CODE	H MIN	J	P ±.030	LB/EA APPROX REF CRES	LB/EA APPROX REF TI
04	.050	.390	.030	.055	.031
05	.050	.453	.159	.068	.038
06	.050	.453	.137	.080	.046
08	.050	.577	.140	.142	.081
10	.070	.702	.157	.264	.151
12	.080	.890	.166	.385	.221
16	.090	1.140	.174	.588	.338
20	.110	1.390	.071	1.141	.663
24	.130	1.640	---	1.470	.850

TABLE 2 - FITTING END

SIZE CODE	TUBE OD	T THREAD PER AS8879 CLASS 3A	D	E
04	.250	.4375-20UNJF	.371	.350
05	.313	.5000-20UNJF	.371	.412
06	.375	.5625-18UNJF	.379	.453
08	.500	.7500-16UNJF	.461	.577
10	.625	.8750-14UNJF	.511	.702
12	.750	1.0625-12UNJ	.556	.890
16	1.000	1.3125-12UNJ	.556	1.140
20	1.250	1.6250-12UNJ	.556	1.390
24	1.500	1.8750-12UNJ	.556	1.640

TABLE 3 - LEG LENGTH A

FORGING SIZE	04	05	06	08	10	12	16	20	24
04	.898	---	---	---	---	---	---	---	---
05	.961	.961	---	---	---	---	---	---	---
06	1.039	1.039	1.055	---	---	---	---	---	---
08	1.164	1.164	1.180	1.273	---	---	---	---	---
10	1.258	1.258	1.274	1.367	1.430	---	---	---	---
12	1.351	1.351	1.367	1.460	1.523	1.586	---	---	---
16	1.507	1.507	1.523	1.616	1.679	1.742	1.742	---	---
20	1.663	1.663	1.679	1.772	1.835	1.896	1.896	1.898	---
24	1.788	1.788	1.804	1.897	1.960	2.023	2.023	2.023	2.023



AEROSPACE STANDARD

TEE, STANDARD AND REDUCER, REDUCED BODY,
FLARELESS

AS4133™
SHEET 2 OF 4

REV.



Documents

Document Sharing Hub