

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.
A

AS3226

FEDERAL SUPPLY CLASS
4730

RATIONALE

REVISE THREAD SPECIFICATION TO AS8879, UPDATE DIMENSIONING AND TOLERANCING TO ANSI Y14.5M-1982, UPDATE REFERENCES (SURFACE TEXTURE, FPI, ETC.) FORMATS AND TABLES, REMOVE METRIC DIMENSIONS, FIGURE 1 REDRAWN AND TABLE RE-TYPED. GENERAL EDITORIAL UPDATE.

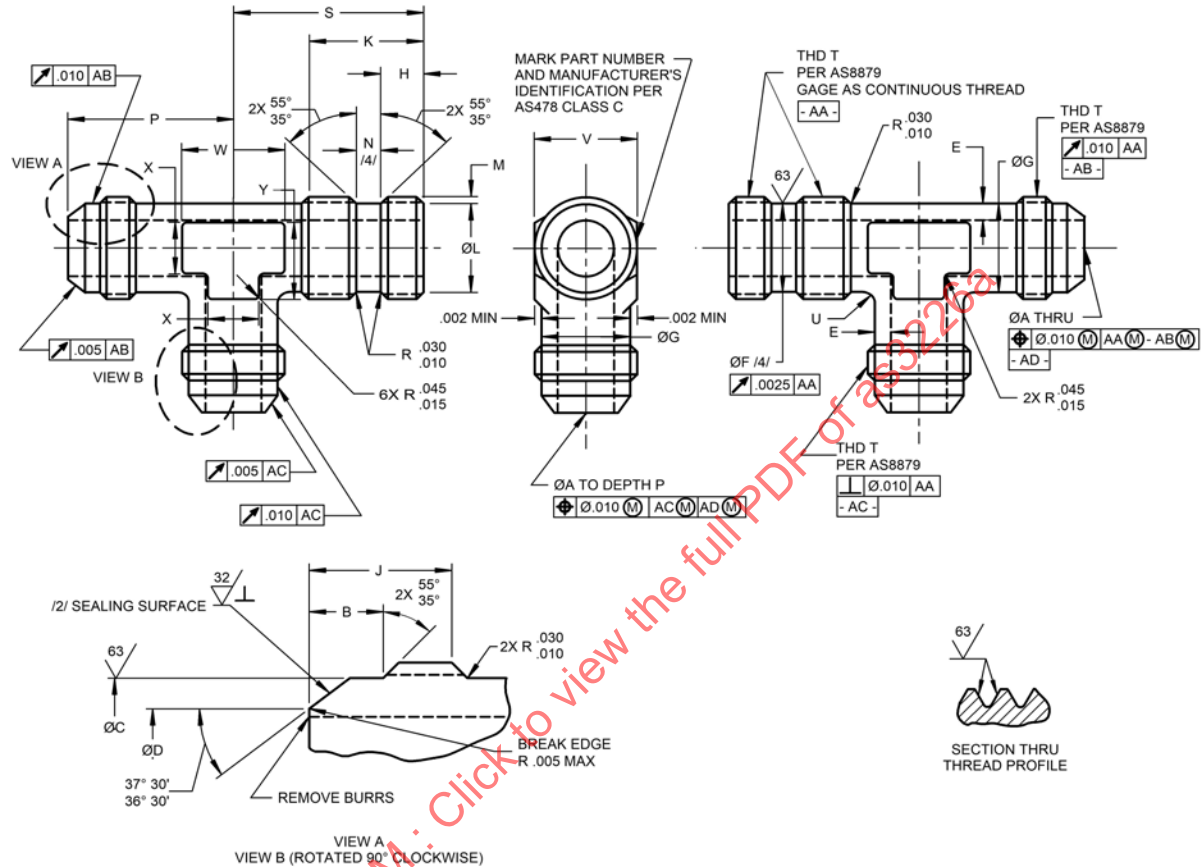
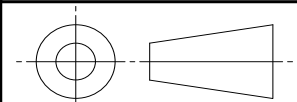


FIGURE 1 - TEE

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS3226A>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25



AEROSPACE STANDARD

FITTING, TEE, BULKHEAD ON RUN, FLARED
CORROSION AND HEAT RESISTANT STEEL
(UNS S34700)

AS3226
SHEET 1 OF 4

REV.
A

Copyright 2014 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>

ISSUED 1978-02 REAFFIRMED 2001-11 REVISED 2014-08

TABLE 1A - PART NUMBERS, NOMINAL TUBE OD, THREAD T, AND DIMENSIONS A - F

PART NUMBER	NOMINAL TUBE OD	THREAD T	ØA	B	ØC	ØD	E MIN	ØF
AS3226-02	.125	.3125-24 UNJF-3A	.058- .065	.144-.159	.235- .245	.129- .135	.060	.247- .252
AS3226-03	.188	.3750-24 UNJF-3A	.121- .128	.144-.159	.297- .307	.192- .198	.060	.309- .314
AS3226-04	.250	.4375-20 UNJF-3A	.168- .175	.160-.175	.349- .359	.239- .245	.060	.361- .366
AS3226-05	.312	.5000-20 UNJF-3A	.230- .237	.160-.175	.411- .421	.301- .307	.060	.423- .428
AS3226-06	.375	.5625-18 UNJF-3A	.293- .301	.165-.180	.466- .476	.365- .371	.060	.478- .483
AS3226-07	.438	.6250-18 UNJF-3A	.355- .363	.165-.180	.529- .539	.427- .433	.060	.541- .546
AS3226-08	.500	.7500-16 UNJF-3A	.387- .395	.229-.244	.644- .654	.459- .465	.100	.657- .662
AS3226-09	.562	.8125-16 UNJ-3A	.434- .442	.229-.244	.706- .716	.506- .512	.100	.719- .724
AS3226-10	.625	.8750-14 UNJF-3A	.480- .488	.255-.270	.757- .767	.552- .558	.100	.770- .775
AS3226-11	.688	1.0000-12 UNJF-3A	.542- .552	.304-.319	.865- .875	.616- .622	.130	.879- .884
AS3226-12	.750	1.0625-12 UNJ-3A	.604- .614	.304-.319	.928- .938	.678- .684	.130	.942- .947
AS3226-14	.875	1.1875-12 UNJ-3A	.729- .739	.304-.319	1.052-1.062	.803- .809	.130	1.067-1.072
AS3226-16	1.000	1.3125-12 UNJ-3A	.839- .851	.312-.327	1.178-1.188	.915- .921	.130	1.192-1.197
AS3226-18	1.125	1.5000-12 UNJF-3A	.948- .960	.312-.327	1.365-1.375	1.024-1.030	.175	1.379-1.384
AS3226-20	1.250	1.6250-12 UNJ-3A	1.073-1.086	.363-.378	1.490-1.500	1.150-1.156	.175	1.504-1.509
AS3226-24	1.500	1.8750-12 UNJ-3A	1.307-1.320	.374-.389	1.740-1.750	1.384-1.390	.185	1.753-1.758
AS3226-28	1.750	2.2500-12 UNJ-3A	1.542-1.557	.447-.462	2.115-2.125	1.649-1.655	.255	2.128-2.133
AS3226-32	2.000	2.5000-12 UNJ-3A	1.776-1.791	.457-.472	2.365-2.375	1.883-1.889	.255	2.378-2.383

TABLE 1B - PART NUMBERS AND DIMENSIONS G - P

PART NUMBER	ØG	H	J	K	ØL	M MIN	N	P
AS3226-02	.225- .255	.198-.218	.307- .327	.672- .692	.219- .239	.032	.125-.135	.697- .717
AS3226-03	.285- .315	.198-.218	.336- .356	.672- .692	.281- .301	.032	.131-.141	.754- .774
AS3226-04	.335- .365	.240-.260	.388- .408	.738- .758	.334- .354	.037	.140-.150	.816- .836
AS3226-05	.400- .430	.240-.260	.388- .408	.738- .758	.396- .416	.037	.140-.150	.879- .898
AS3226-06	.455- .485	.268-.288	.388- .408	.803- .823	.452- .472	.040	.156-.166	.988-1.008
AS3226-07	.520- .550	.268-.288	.388- .408	.803- .823	.514- .534	.040	.172-.182	.988-1.008
AS3226-08	.635- .665	.302-.322	.479- .499	.893- .913	.630- .650	.045	.187-.197	1.185-1.205
AS3226-09	.695- .725	.302-.322	.479- .499	.893- .913	.693- .713	.045	.203-.213	1.185-1.205
AS3226-10	.750- .780	.347-.367	.575- .595	1.008-1.028	.744- .764	.051	.219-.229	1.401-1.421
AS3226-11	.855- .885	.407-.427	.653- .673	1.112-1.132	.854- .874	.058	.234-.244	1.604-1.624
AS3226-12	.920- .950	.407-.427	.653- .673	1.112-1.132	.917- .937	.058	.234-.244	1.604-1.624
AS3226-14	1.040-1.070	.407-.427	.700- .720	1.112-1.132	1.042-1.062	.058	.234-.244	1.758-1.778
AS3226-16	1.170-1.200	.407-.427	.710- .730	1.112-1.132	1.167-1.187	.058	.234-.244	1.768-1.788
AS3226-18	1.350-1.380	.407-.427	.757- .777	1.112-1.132	1.354-1.374	.058	.234-.244	2.017-2.037
AS3226-20	1.480-1.510	.407-.427	.757- .777	1.112-1.132	1.479-1.499	.058	.234-.244	2.017-2.037
AS3226-24	1.730-1.760	.407-.427	.879- .899	1.112-1.132	1.729-1.749	.058	.234-.244	2.283-2.303
AS3226-28	2.105-2.135	.407-.427	1.007-1.027	1.195-1.215	2.104-2.124	.058	.234-.244	2.767-2.787
AS3226-32	2.355-2.385	.407-.427	1.132-1.152	1.310-1.330	2.354-2.374	.058	.234-.244	3.017-3.037



AEROSPACE STANDARD

FITTING, TEE, BULKHEAD ON RUN, FLARED,
CORROSION AND HEAT RESISTANT STEEL (UNS S34700)AS3226
SHEET 2 OF 4REV.
A

TABLE 1C - PART NUMBERS AND DIMENSIONS S - Y, AND APPROX. MASS

PART NUMBER	S	U	V	W	X	Y	APPROX. MASS
AS3226-02	.990-1.010	.047-.077	.235-.265	.385-.415	.185-.215	.285-.315	.033
AS3226-03	.990-1.010	.047-.077	.297-.327	.385-.415	.205-.235	.295-.325	.047
AS3226-04	1.105-1.125	.047-.077	.360-.380	.485-.515	.245-.275	.345-.375	.066
AS3226-05	1.130-1.150	.047-.077	.423-.453	.565-.595	.285-.315	.405-.435	.085
AS3226-06	1.260-1.280	.079-.109	.485-.525	.635-.665	.315-.345	.475-.505	.108
AS3226-07	1.295-1.315	.079-.109	.547-.577	.635-.665	.315-.345	.475-.505	.124
AS3226-08	1.450-1.460	.079-.109	.673-.703	.835-.865	.415-.445	.625-.655	.239
AS3226-09	1.480-1.500	.079-.109	.735-.765	.865-.895	.425-.455	.645-.675	.272
AS3226-10	1.670-1.690	.079-.109	.797-.827	.985-1.015	.485-.515	.735-.765	.361
AS3226-11	1.845-1.865	.079-.109	.923-.953	.985-1.015	.485-.515	.735-.765	.528
AS3226-12	1.875-1.895	.079-.109	.985-1.015	.985-1.015	.485-.515	.735-.765	.569
AS3226-14	1.935-1.955	.110-.140	1.010-1.040	.985-1.015	.485-.515	.735-.765	.651
AS3226-16	2.000-2.020	.110-.140	1.235-1.265	.985-1.015	.485-.515	.735-.765	.811
AS3226-18	2.090-2.110	.110-.140	1.423-1.453	1.185-1.215	.585-.615	.885-.915	1.207
AS3226-20	2.155-2.175	.110-.140	1.610-1.640	1.185-1.215	.585-.615	.885-.915	1.347
AS3226-24	2.280-2.300	.110-.140	1.797-1.827	1.185-1.215	.585-.615	.885-.915	1.780
AS3226-28	2.615-2.635	.173-.203	2.173-2.203	1.305-1.335	.645-.675	.975-1.005	3.249
AS3226-32	2.965-2.985	.235-.265	2.423-2.453	1.485-1.515	.735-.765	1.110-1.140	4.166

NOTES:

1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS5646, FORGING (COMPOSITION SIMILAR TO UNS S34700).
- /2/ SEALING SURFACE SHALL BE FREE OF FLAWS, NICKS, CHATTER MARKS OR LOW SPOTS. UNBROKEN LINE OF CONTACT TO SHOW ALL AROUND AT OTHER THAN EXTREMITIES OF SURFACE WHEN ROTATED IN CONTACT WITH 73° 59' - 74° 1' INCLUDED ANGLE GAGE LIGHTLY COATED BY RUBBING WITH CARBON PAPER OR BY AN EQUIVALENT BLUEING METHOD.
3. CLEANING: FINISHED PARTS SHALL BE DEGREASED AND IMMERSER FOR NOT LESS THAN 20 MINUTES IN A SOLUTION OF 1 VOLUME OF NITRIC ACID WITH A SPECIFIC GRAVITY OF 1.42 AND 9 VOLUMES OF WATER AT ROOM TEMPERATURE.
- /4/ LAND BETWEEN THREADS (DIMENSIONS ØF & N) SHALL BE FREE FROM THREAD MARKS.
5. FORGING MISMATCH .015 PERMISSIBLE.
6. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, MACHINED SURFACES TO BE 125 MICRONS Ra.
7. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M AND AS3071.
8. DIMENSIONS ARE TO SHARP CORNERS UNLESS OTHERWISE SPECIFIED.
9. BREAK EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.
10. DIMENSIONING AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION).
11. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES FOR ANGULAR DIMENSIONS $\pm 0^\circ 30'$.
12. INVENTORIED PARTS CONFORMING TO THE PREVIOUS LETTER CHANGE MAY BE USED TO DEPLETION.
13. DO NOT USE UNASSIGNED PART NUMBERS.



AEROSPACE STANDARD

FITTING, TEE, BULKHEAD ON RUN, FLARED,
CORROSION AND HEAT RESISTANT STEEL (UNS S34700)AS3226
SHEET 3 OF 4REV.
A