

SAE Executive Standards Committee 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."

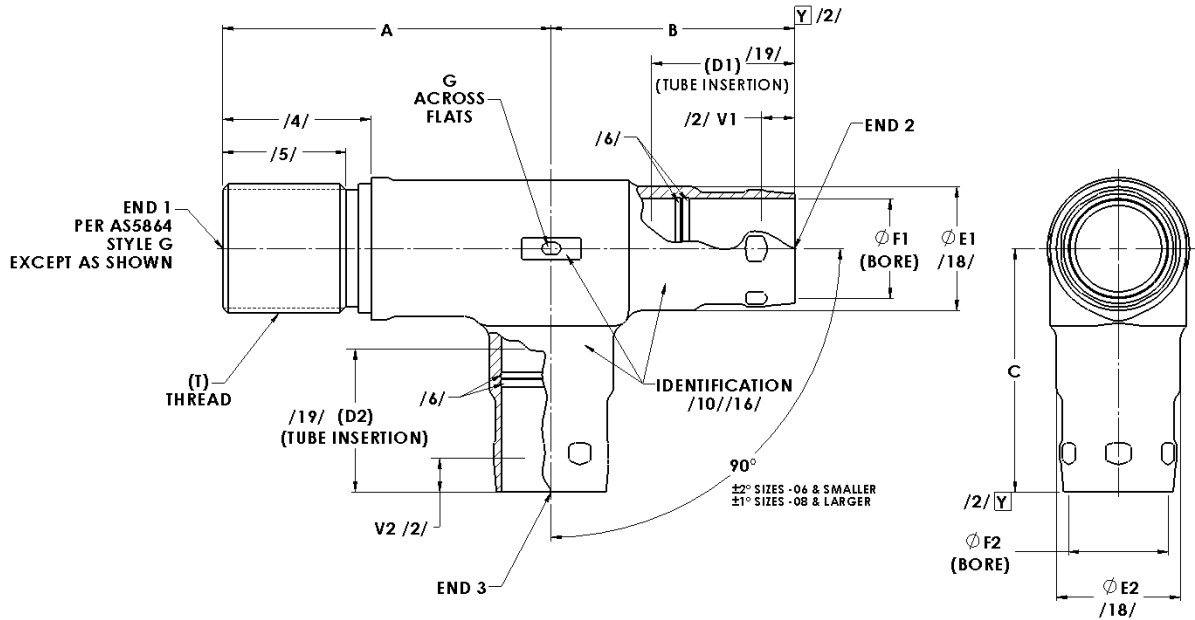
SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

AS6488™

FEDERAL SUPPLY CLASS

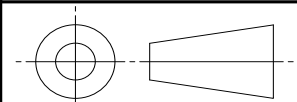
RATIONALE

NEW STANDARD FOR OPERATING PRESSURES UP TO, AND INCLUDING, 3000 PSI.



For more information on this standard, visit
<https://www.sae.org/standards/content/AS6488>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4459 /7/



AEROSPACE STANDARD

FITTING, TEE, BULKHEAD,
MALE FLARELESS TO EXTERNAL SWAGE ON RUN,
EXTERNAL SWAGE ON BRANCH, HYDRAULIC

AS6488™
SHEET 1 OF 6

Documents

Copyright © 2021 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 1A - DIMENSIONS A THROUGH D2

BASIC NO. AS6488 /16/ SIZE CODE	NOMINAL TUBE SIZE END 1	NOMINAL TUBE SIZE END 2	NOMINAL TUBE SIZE END 3	A	B	C	(D1) /19/	(D2) /19/
030303	.188	.188	.188	1.890-1.920	.957- .987	.957- .987	.473	.473
040404	.250	.250	.250	1.952-1.982	1.166-1.196	1.166-1.196	.615	.615
040406	.250	.250	.375	1.952-1.982	1.229-1.259	1.300-1.330	.615	.690
040604	.250	.375	.250	1.952-1.982	1.300-1.330	1.229-1.259	.690	.615
040606	.250	.375	.375	1.952-1.982	1.300-1.330	1.300-1.330	.690	.690
050504	.313	.313	.250	1.952-1.982	1.230-1.260	1.197-1.227	.655	.615
050505	.313	.313	.313	1.952-1.982	1.230-1.260	1.230-1.260	.655	.655
060404	.375	.250	.250	2.000-2.030	1.229-1.259	1.229-1.259	.615	.615
060604	.375	.375	.250	2.000-2.030	1.300-1.330	1.229-1.259	.690	.615
060605	.375	.375	.313	2.000-2.030	1.300-1.330	1.261-1.291	.690	.655
060606	.375	.375	.375	2.000-2.030	1.300-1.330	1.300-1.330	.690	.690
060608	.375	.375	.500	2.000-2.030	1.393-1.423	1.840-1.870	.690	1.193
060806	.375	.500	.375	2.000-2.030	1.840-1.870	1.393-1.423	1.193	.690
060808	.375	.500	.500	2.298-2.328	1.840-1.870	1.840-1.870	1.193	1.193
080408	.500	.250	.500	2.470-2.500	1.322-1.352	1.840-1.870	.615	1.193
080604	.500	.375	.250	2.470-2.500	1.393-1.423	1.322-1.352	.690	.615
080606	.500	.375	.375	2.470-2.500	1.393-1.423	1.393-1.423	.690	.690
080608	.500	.375	.500	2.470-2.500	1.393-1.423	1.840-1.870	.690	1.193
080804	.500	.500	.250	2.470-2.500	1.840-1.870	1.322-1.352	1.193	.615
080805	.500	.500	.313	2.470-2.500	1.840-1.870	1.354-1.384	1.193	.655
080806	.500	.500	.375	2.470-2.500	1.840-1.870	1.393-1.423	1.193	.690
080808	.500	.500	.500	2.470-2.500	1.840-1.870	1.840-1.870	1.193	1.193
080810	.500	.500	.625	2.470-2.500	1.901-1.931	1.938-1.968	1.193	1.233
100606	.625	.375	.375	2.358-2.388	1.335-1.365	1.456-1.486	.690	.690
100608	.625	.375	.500	2.358-2.388	1.335-1.365	1.885-1.915	.690	1.193
100810	.625	.500	.625	2.298-2.328	1.901-1.931	1.938-1.968	1.193	1.233
101004	.625	.625	.250	2.611-2.641	1.938-1.968	1.385-1.415	1.233	.615
101010	.625	.625	.625	2.611-2.641	1.938-1.968	1.938-1.968	1.233	1.233
101012	.625	.625	.750	2.611-2.641	2.032-2.062	2.075-2.105	1.233	1.303
120612	.750	.375	.750	2.720-2.750	1.550-1.580	2.075-2.105	.690	1.303
121212	.750	.750	.750	2.720-2.750	2.075-2.105	2.075-2.105	1.303	1.303
161016	1.000	.625	1.000	3.310-3.340	2.113-2.143	2.450-2.480	1.233	1.448
161604	1.000	1.000	.250	3.310-3.340	2.450-2.480	1.604-1.634	1.448	.615
161610	1.000	1.000	.625	3.310-3.340	2.450-2.480	2.157-2.187	1.448	1.233
161616	1.000	1.000	1.000	3.310-3.340	2.450-2.480	2.450-2.480	1.448	1.448
202012	1.250	1.250	.750	3.310-3.340	2.684-2.714	2.396-2.426	1.550	1.303
202020	1.250	1.250	1.250	3.310-3.340	2.684-2.714	2.710-2.740	1.550	1.550
242412	1.500	1.500	.750	3.310-3.340	2.778-2.808	2.522-2.552	1.675	1.303
242424	1.500	1.500	1.500	3.310-3.340	2.778-2.808	2.835-2.865	1.675	1.675



AEROSPACE STANDARD
FITTING, TEE, BULKHEAD,
MALE FLARELESS TO EXTERNAL SWAGE ON RUN,
EXTERNAL SWAGE ON BRANCH, HYDRAULIC

AS6488™
SHEET 2 OF 6



Documents

Document Sharing Hub