

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.
C

AS4317

FEDERAL SUPPLY CLASS
4730

RATIONALE

CORRECTED END 1 TO STYLE "E" IN FIGURE 1, UPDATED NOTE /4/ TO DELETE "PRI" STATEMENT AND CORRECT THE NADCAP SCOPE TO AC7112, AC7112/2.

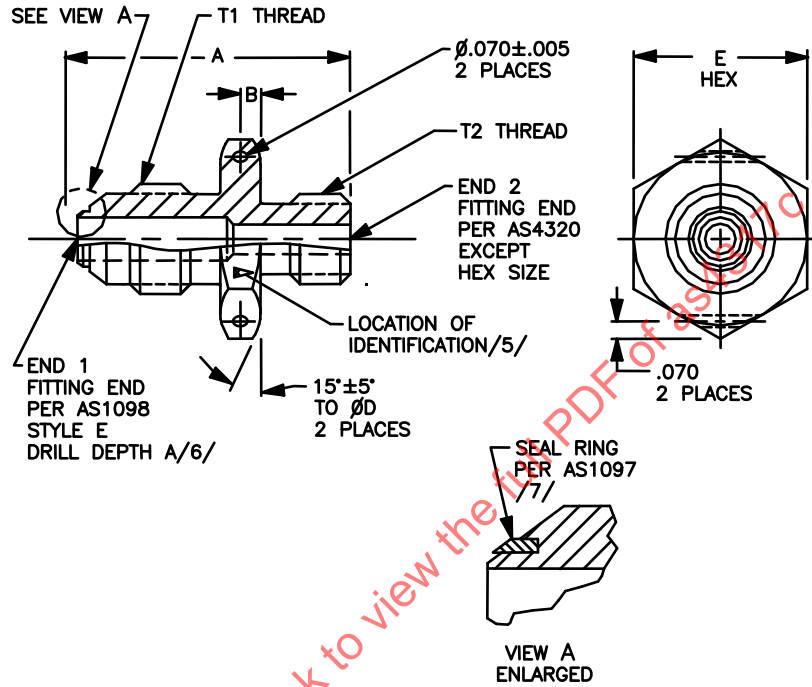
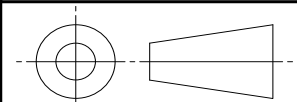


FIGURE 1 - FITTING, REDUCER, ADAPTER,
FLARED TUBE TO BOSS

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS4317C>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ KSC-F-124



AEROSPACE STANDARD

FITTING, REDUCER, ADAPTER,
FLARED TUBE TO BOSS
FOR SEAL RING

AS4317
SHEET 1 OF 3

REV.
C

Copyright 2015 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 1993-08 REAFFIRMED 2001-12 REVISED 2015-02

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NUMBER AS4317 /15/ SIZE CODE	(NOMINAL TUBE SIZE) END 1	T1 THREAD PER AS8879 CLASS 3A END 1	(NOMINAL TUBE SIZE) END 2	T2 THREAD PER AS8879 CLASS 3A END 2	A +-.000 -.063	B ±.030	C	D ±.010	E	LB/EA APPROX REF ALUM	LB/EA APPROX REF CRES
0402	.250	.4375-20UNJF	.125	.3125-24UNJF	1.100	.092	.452	.668	.678-.691	.0170	.0471
0403	.250	.4375-20UNJF	.188	.3750-24UNJF	1.066	.073	.452	.668	.678-.691	.0160	.0442
0602	.375	.5625-18UNJF	.125	.3125-24UNJF	1.242	.160	.457	.792	.802-.815	.0317	.0877
0603	.375	.5625-18UNJF	.188	.3750-24UNJF	1.208	.141	.457	.792	.802-.815	.0298	.0826
0604	.375	.5625-18UNJF	.250	.4375-20UNJF	1.335	.187	.457	.792	.802-.815	.0364	.1010
0605	.375	.5625-18UNJF	.313	.5000-20UNJF	1.335	.176	.457	.792	.802-.815	.0354	.0979
0802	.500	.7500-16UNJF	.125	.3125-24UNJF	1.357	.167	.538	.980	.990-1.003	.0534	.148
0803	.500	.7500-16UNJF	.188	.3750-24UNJF	1.323	.148	.538	.980	.990-1.003	.0503	.139
0804	.500	.7500-16UNJF	.250	.4375-20UNJF	1.450	.194	.538	.980	.990-1.003	.0599	.166
0805	.500	.7500-16UNJF	.313	.5000-20UNJF	1.450	.183	.538	.980	.990-1.003	.0582	.161
0806	.500	.7500-16UNJF	.375	.5625-18UNJF	1.445	.176	.538	.980	.990-1.003	.0568	.158
1004	.625	.8750-14UNJF	.250	.4375-20UNJF	1.533	.185	.618	1.103	1.113-1.128	.0769	.213
1006	.625	.8750-14UNJF	.375	.5625-18UNJF	1.528	.167	.618	1.103	1.113-1.128	.0730	.202
1008	.625	.8750-14UNJF	.500	.7500-16UNJF	1.567	.136	.618	1.103	1.113-1.128	.0731	.203
1204	.750	1.0625-12UNJ	.250	.4375-20UNJF	1.686	.209	.703	1.353	1.363-1.380	.125	.347
1205	.750	1.0625-12UNJ	.313	.5000-20UNJF	1.686	.198	.703	1.353	1.363-1.380	.121	.336
1206	.750	1.0625-12UNJ	.375	.5625-18UNJF	1.681	.191	.703	1.353	1.363-1.380	.119	.329
1208	.750	1.0625-12UNJ	.500	.7500-16UNJF	1.719	.159	.703	1.353	1.363-1.380	.115	.319
1210	.750	1.0625-12UNJ	.625	.8750-14UNJF	1.816	.185	.703	1.353	1.363-1.380	.127	.351
1604	1.000	1.3125-12UNJ	.250	.4375-20UNJF	1.722	.203	.741	1.603	1.613-1.630	.172	.476
1608	1.000	1.3125-12UNJ	.500	.7500-16UNJF	1.809	.181	.741	1.603	1.613-1.630	.167	.464
1610	1.000	1.3125-12UNJ	.625	.8750-14UNJF	1.852	.179	.741	1.603	1.613-1.630	.170	.472
1612	1.000	1.3125-12UNJ	.750	1.0625-12UNJ	1.912	.175	.741	1.603	1.613-1.630	.177	.490
2004	1.250	1.6250-12UNJ	.250	.4375-20UNJF	1.965	.301	.778	1.853	1.863-1.880	.307	.852
2012	1.250	1.6250-12UNJ	.750	1.0625-12UNJ	2.202	.296	.778	1.853	1.863-1.880	.316	.875
2016	1.250	1.6250-12UNJ	1.000	1.3125-12UNJ	2.202	.278	.778	1.853	1.863-1.880	.302	.839
2416	1.500	1.8750-12UNJ	1.000	1.3125-12UNJ	2.159	.194	.878	2.099	2.109-2.135	.333	.923
2420	1.500	1.8750-12UNJ	1.250	1.6250-12UNJ	2.154	.192	.878	2.099	2.109-2.135	.340	.943
2820	1.750	2.2500-12UNJ	1.250	1.6250-12UNJ	2.373	.239	.978	2.474	2.484-2.510	.410	1.150
2824	1.750	2.2500-12UNJ	1.500	1.8750-12UNJ	2.404	.230	.978	2.474	2.484-2.510	.431	1.210
3224	2.000	2.5000-12UNJ	1.500	1.8750-12UNJ	2.529	.230	1.078	2.724	2.734-2.760	.502	1.410
3228	2.000	2.5000-12UNJ	1.750	2.2500-12UNJ	2.684	.282	1.08	2.724	2.734-2.760	.600	1.680

NOTES:

/1/ MATERIAL:

- CODE LETTER D: TYPE 2024-T6 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/6 OR AMS4112; OR TYPE 2024-T851 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/6.
- CODE LETTER J: 304 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5639.
- CODE LETTER K: 316 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5648.
- CODE LETTER R: 321 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5645.
- CODE LETTER S: 347 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5646.
- CODE LETTER W: TYPE 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9 OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124.

	AEROSPACE STANDARD	AS4317 SHEET 2 OF 3	REV. C
	FITTING, REDUCER, ADAPTER, FLARED TUBE TO BOSS FOR SEAL RING		