

REV.
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AS4317

RATIONALE

CORRECTING TYPOS AND UPDATING TO THE LATEST FORMAT AND SPECIFICATION CHANGES.

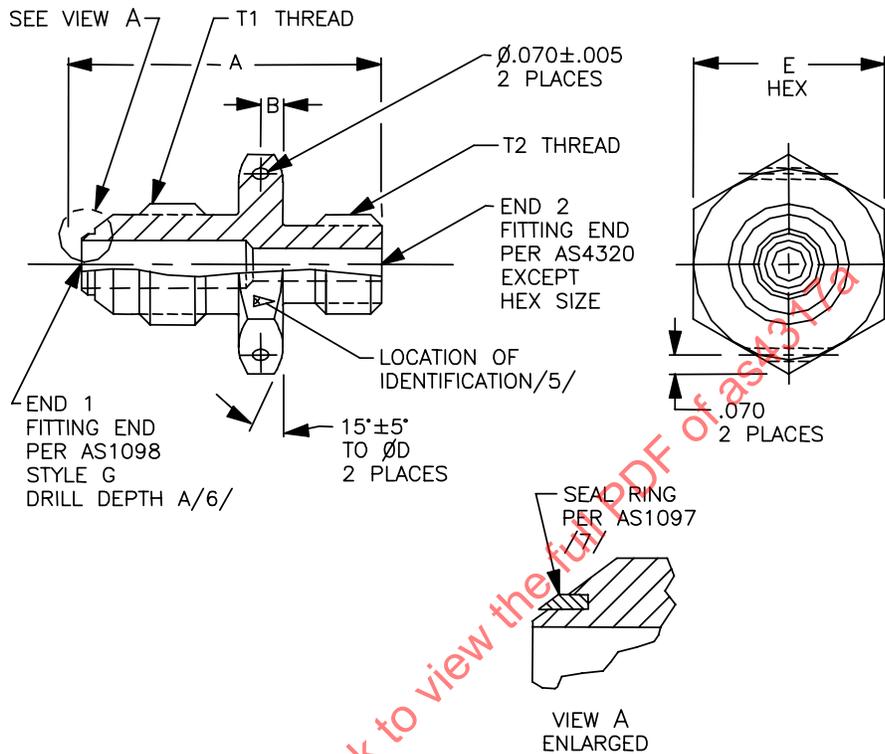
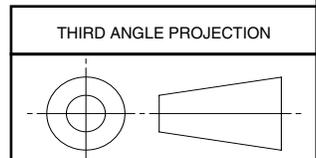


FIGURE 1: FITTING, REDUCER, ADAPTER, FLARED TUBE TO BOSS



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ KSC-F-124

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) FITTING, REDUCER, ADAPTER,
FLARED TUBE TO BOSS
FOR SEAL RING

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SHEET 1 OF 3

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TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NUMBER AS4317 /1/ SIZE CODE	(NOMINAL TUBE SIZE) END 1	T1 THREAD		T2 THREAD		A					LB/EA	LB/EA
		PER AS8879 CLASS 3A END 1	(NOMINAL TUBE SIZE) END 2	PER AS8879 CLASS 3A END 2	PER AS8879 CLASS 3A END 2	+0.00 -.063	B ±.030	C	D ±.010	E	APPROX REF ALUM	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 AMS 4112; 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 AMS 5639.
- CODE LETTER K: 316 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS 5648.
- CODE LETTER R: 321 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS 5645.
- CODE LETTER S: 347 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS 5646.
- CODE LETTER W: TYPE 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9 OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS 4124.

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