

AS4319

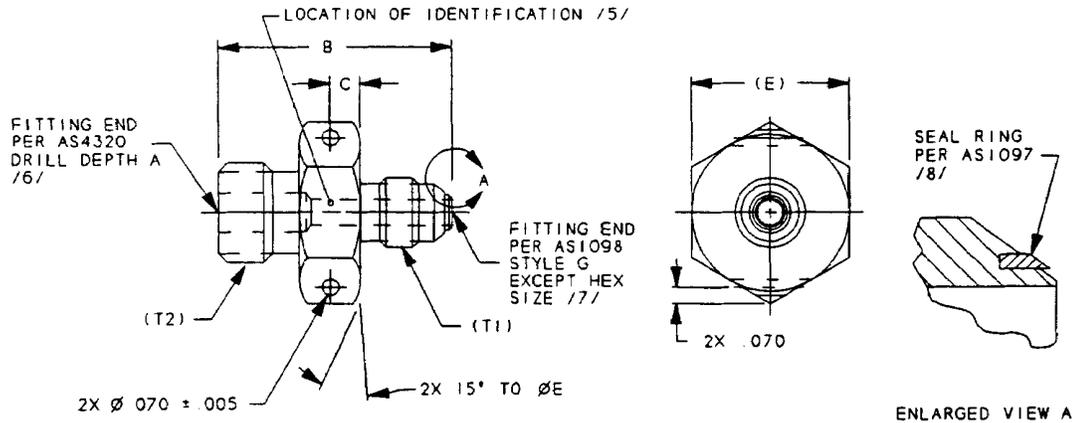
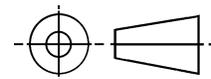


FIGURE 1 - EXPANDER, ADAPTER, FLARED TUBE TO BOSS

TABLE 1 - DIMENSIONS

BASIC NUMBER	FLARED TUBE	FLARED TUBE END	BOSS END	BOSS END				
AS4319	TUBE	T1 THREAD	TUBE	T2 THREAD	A	B	C	E
/14/	END	PER	OD	PER	MAX	+ .000	± .030	
SIZE	TUBE	MIL-S-8879		MIL-S-8879		- .060		
CODE	OD							
0204	.125	.3125-24 UNJF	.250	.4375-20 UNJF	.311	1.084	.123	.688
0304	.188	.3750-24 UNJF	.250	.4375-20 UNJF	.311	1.115	.123	.688
0206	.125	.3125-24 UNJF	.375	.5625-20 UNJF	.336	1.163	.147	.813
0306	.188	.3750-24 UNJF	.375	.5625-20 UNJF	.336	1.194	.147	.813
0406	.250	.4375-20 UNJF	.375	.5625-20 UNJF	.336	1.265	.140	.813
0506	.312	.5000-20 UNJF	.375	.5625-20 UNJF	.336	1.265	.147	.813
0208	.125	.3125-24 UNJF	.500	.7500-16 UNJF	.417	1.285	.158	1.000
0308	.188	.3750-24 UNJF	.500	.7500-16 UNJF	.417	1.315	.157	1.000
0408	.250	.4375-20 UNJF	.500	.7500-16 UNJF	.417	1.390	.152	1.000
0508	.312	.5000-20 UNJF	.500	.7500-16 UNJF	.417	1.390	.159	1.000
0608	.375	.5625-18 UNJF	.500	.7500-16 UNJF	.417	1.392	.150	1.000
0410	.250	.4375-20 UNJF	.625	.8750-14 UNJF	.454	1.460	.164	1.125
0610	.375	.5625-18 UNJF	.625	.8750-14 UNJF	.454	1.460	.161	1.125
0810	.500	.7500-16 UNJF	.625	.8750-14 UNJF	.454	1.560	.160	1.125
0412	.250	.4375-20 UNJF	.750	1.0625-12 UNJ	.509	1.560	.179	1.375
0512	.312	.5000-20 UNJF	.750	1.0625-12 UNJ	.509	1.560	.187	1.375
0612	.375	.5625-18 UNJF	.750	1.0625-12 UNJ	.509	1.567	.180	1.375
0812	.500	.7500-16 UNJF	.750	1.0625-12 UNJ	.509	1.668	.180	1.375

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ KSC-F-124

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400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

EXPANDER, ADAPTER, FLARED TUBE
TO BOSS, FOR SEAL RING

AS4319
SHEET 1 OF 3

ISSUED 1993-08 REAFFIRMED 2001-12

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TABLE 1 - DIMENSIONS (CONTINUED)

BASIC NUMBER AS4319 /14/ SIZE CODE	FLARED TUBE END TUBE OD	FLARED TUBE END T1 THREAD PER MIL-S-8879	BOSS END TUBE OD	BOSS END T2 THREAD PER MIL-S-8879	A MAX	B		C ±.030	E
						+ .000	- .060		
1012	.625	.8750-14 UNJF	.750	1.0625-12 UNJ	.509	1.769	.180	1.375	
0416	.250	.4375-20 UNJF	1.000	1.3125-12 UNJ	.538	1.597	.180	1.625	
0616	.375	.5625-18 UNJF	1.000	1.3125-12 UNJ	.538	1.603	.180	1.625	
0816	.500	.7500-16 UNJF	1.000	1.3125-12 UNJ	.538	1.704	.180	1.625	
1016	.625	.8750-14 UNJF	1.000	1.3125-12 UNJ	.538	1.805	.180	1.625	
1216	.750	1.0625-12 UNJ	1.000	1.3125-12 UNJ	.538	1.911	.180	1.625	
0420	.250	.4375-20 UNJF	1.250	1.6250-12 UNJ	.610	1.693	.228	1.875	
1220	.750	1.0625-12 UNJ	1.250	1.6250-12 UNJ	.610	2.007	.228	1.875	
1620	1.000	1.3125-12 UNJ	1.250	1.6250-12 UNJ	.610	2.054	.228	1.875	
1624	1.000	1.3125-12 UNJ	1.500	1.8750-12 UNJ	.635	2.095	.224	2.125	
2024	1.250	1.6250-12 UNJ	1.500	1.8750-12 UNJ	.635	2.142	.224	2.125	
2028	1.250	1.6250-12 UNJ	1.750	2.2500-12 UNJ	.759	2.297	.276	2.500	
2428	1.500	1.8750-12 UNJ	1.750	2.2500-12 UNJ	.759	2.422	.276	2.500	
2432	1.500	1.8750-12 UNJ	2.000	2.5000-12 UNJ	.782	2.516	.265	2.750	
2832	1.750	2.2500-12 UNJ	2.000	2.5000-12 UNJ	.782	2.641	.265	2.750	

TABLE 2 - WEIGHTS

BASIC NUMBER AS4319 /14/ SIZE CODE	LB/EA		BASIC NUMBER AS4319 /14/ SIZE CODE	LB/EA		BASIC NUMBER AS4319 /14/ SIZE CODE	LB/EA	
	ALUM	CRES		ALUM	CRES		ALUM	CRES
0204	.0137	.0383	0610	.0681	.189	0420	.238	.659
0304	.0156	.0438	0810	.0755	.209	1220	.261	.724
0206	.0211	.0592	0412	.107	.297	1620	.265	.735
0306	.0233	.0653	0512	.108	.298	1624	.331	.918
0406	.0303	.0840	0612	.108	.299	2024	.347	.962
0506	.0304	.0850	0812	.115	.319	2028	.538	1.490
0208	.0368	.103	1012	.121	.337	2428	.548	1.520
0308	.0397	.111	0416	.149	.414	2432	.661	1.930
0408	.0509	.141	0616	.150	.415	2832	.714	2.020
0508	.0512	.142	0816	.157	.436			
0608	.0514	.143	1016	.163	.453			
0410	.0680	.189	1216	.175	.486			