

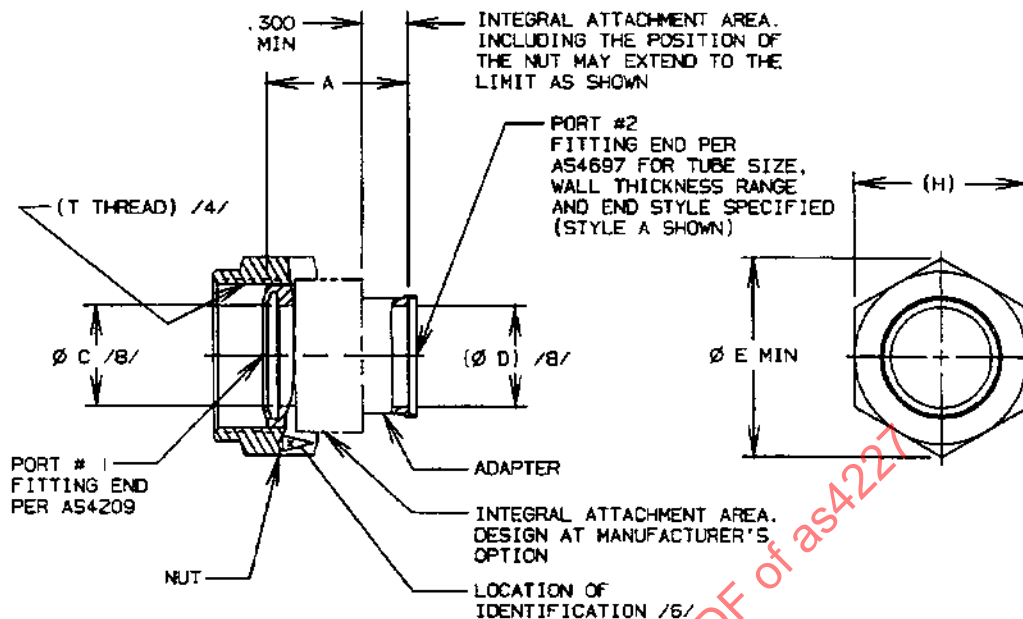
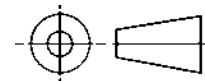


FIGURE 1 - FITTING ASSEMBLY, ADAPTER

TABLE 1A - DIMENSIONS

BASIC NO. AS4227 /14/ SIZE AND TUBE WALL CODES	RANGE OF NOMINAL TUBE WALL FOR PORT #2 /7/ /14/	(NOMINAL TUBE SIZE)	T THREAD PER MIL-S-8879 CLASS 3B	PORT #2 STYLE /8/	A
03-018	.016-.018	.188	.3750-28 UNJS	A	.635
03-022	.019-.022	.188	.3750-28 UNJS	A	.635
04-022	.019-.022	.250	.4375-24 UNJS	B	.747
05-022	.019-.022	.312	.5000-24 UNJS	B	.675
05-028	.023-.028	.312	.5000-24 UNJS	B	.675
06-022	.019-.022	.375	.5625-20 UNJS	B	.781
06-028	.023-.028	.375	.5625-20 UNJS	B	.781
06-032	.029-.032	.375	.5625-20 UNJS	B	.781
08-022	.019-.022	.500	.7188-20 UNJS	B	.788
08-043	.033-.043	.500	.7188-20 UNJS	A	.788
10-028	.023-.028	.625	.8438-18 UNJS	B	.857
10-043	.033-.043	.625	.8438-18 UNJS	B	.857
10-055	.044-.055	.625	.8438-18 UNJS	A	.857
12-028	.023-.028	.750	1.0000-16 UNJ	B	.898
12-055	.044-.055	.750	1.0000-16 UNJ	A	.899
12-065	.056-.065	.750	1.0000-16 UNJ	A	.899

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /5/ AS4510

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARDFITTING ASSEMBLY, ADAPTER, INTERNAL THREAD,
BEAM SEAL TO INTEGRAL WELD RING

AS4227
SHEET 1 OF 3

TABLE 1A (CONTINUED)

BASIC NO. AS4227 /14/ SIZE AND TUBE WALL CODES	RANGE OF NOMINAL TUBE WALL FOR PORT #2 /7/ /14/	(NOMINAL TUBE SIZE)	T THREAD PER MIL-S-8879 CLASS 3B	PORT #2 STYLE /8/	A
14-032	.029-.032	.875	1.1250-16 UNJ	B	.944
14-065	.056-.065	.875	1.1250-16 UNJ	A	.944
16-043	.033-.043	1.000	1.2500-14 UNJ	B	.997
16-078	.066-.078	1.000	1.2500-14 UNJS	A	.997
16-089	.079-.089	1.000	1.2500-14 UNJS	A	.997
20-055	.044-.055	1.250	1.5781-14 UNJS	B	1.043
20-089	.079-.089	1.250	1.5781-14 UNJS	A	1.043
24-055	.044-.055	1.500	1.8438-14 UNJS	B	1.450

TABLE 1B - DIMENSIONS AND WEIGHTS

BASIC NO. AS4227 /14/ SIZE AND TUBE WALL CODES	C /8/	D /8/	E	H	RECOMMENDED MAXIMUM PRESSURE PSI (77)	LB/EA MAX CRES	LB/EA MAX TI
03-018	—	.146	.568	.500	5000	.0218	.0124
03-022	—	.138	.568	.500	5000	.0218	.0124
04-022	.184- .194	.200	.638	.562	5000	.0299	.0171
05-022	.232- .242	.262	.709	.625	4000	.0371	.0212
05-028	.232- .242	.250	.709	.625	5000	.0371	.0212
06-022	.297- .307	.325	.780	.688	3000	.0473	.0270
06-028	.297- .307	.313	.780	.688	4000	.0473	.0270
06-032	.297- .307	.305	.780	.688	5000	.0473	.0270
08-022	.398- .408	.450	.993	.875	2000	.0787	.0450
08-043	—	.408	.993	.875	5000	.0787	.0450
10-028	.512- .523	.563	1.120	1.000	2000	.111	.0633
10-043	.512- .523	.533	1.120	1.000	4000	.111	.0633
10-055	—	.509	1.120	1.000	5000	.111	.0633
12-028	.649- .660	.688	1.260	1.125	2000	.134	.0766
12-055	—	.634	1.260	1.125	4000	.134	.0766
12-065	—	.614	1.260	1.125	5000	.134	.0766
14-032	.769- .780	.805	1.540	1.375	2000	.223	.127
14-065	—	.739	1.540	1.375	4000	.223	.127
16-043	.862- .874	.908	1.650	1.500	2000	.296	.169
16-078	—	.838	1.650	1.500	4000	.296	.169
16-089	—	.816	1.500	1.500	5000	.296	.169
20-055	1.115-1.128	1.134	2.063	1.875	2000	.458	.262
20-089	—	1.066	2.063	1.875	4000	.458	.262
24-055	1.324-1.337	1.384	2.338	2.125	2000	.673	.385