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REV.
C

AS4229™

FEDERAL SUPPLY CLASS
4730

RATIONALE

ADD $\pm 5^\circ$ TOLERANCE TO HEXAGON TAPER CHAMFER WITHIN GRAPHICS. OPTION FOR SAFETY WIRE HOLES /15/. TABLE 1 REVISED TO INCLUDE SIZE OPTIONS 08-019, 10-023, AND 12-023. RANGE OF MIN/MAX DIMENSIONS FOR TUBE WALL THICKNESS COLUMN REMOVED FROM TABLE 2A. MIN/MAX DIMENSIONS COLUMN OF TUBE WALL THICKNESS SPLIT INTO TWO TO SPECIFY DIFFERENT VALUES DEPENDENT ON TUBING MATERIAL. MIN/MAX DIMENSIONS OF TUBE WALL THICKNESS REVISED IN TABLE 2A TO REFLECT RECOMMENDED VALUES OF PROCUREMENT SPECIFICATION, AS4510. PRESSURE VALUES REVISED IN TABLES 2A AND 2B TO REFLECT RECOMMENDED PRESSURES SPECIFIED IN PROCUREMENT SPECIFICATION, AS4510. NEW 10-055 SIZE ADDED TO TABLE 2B FOR TITANIUM TUBING. COMBINE CONTENTS OF OLD FLAG NOTE /17/ TO PROCUREMENT SPECIFICATION NOTE /5/ TO ALLOW NON-QPL'D PARTS TO BE PROCURED AND CONTROLLED BY THE USER.

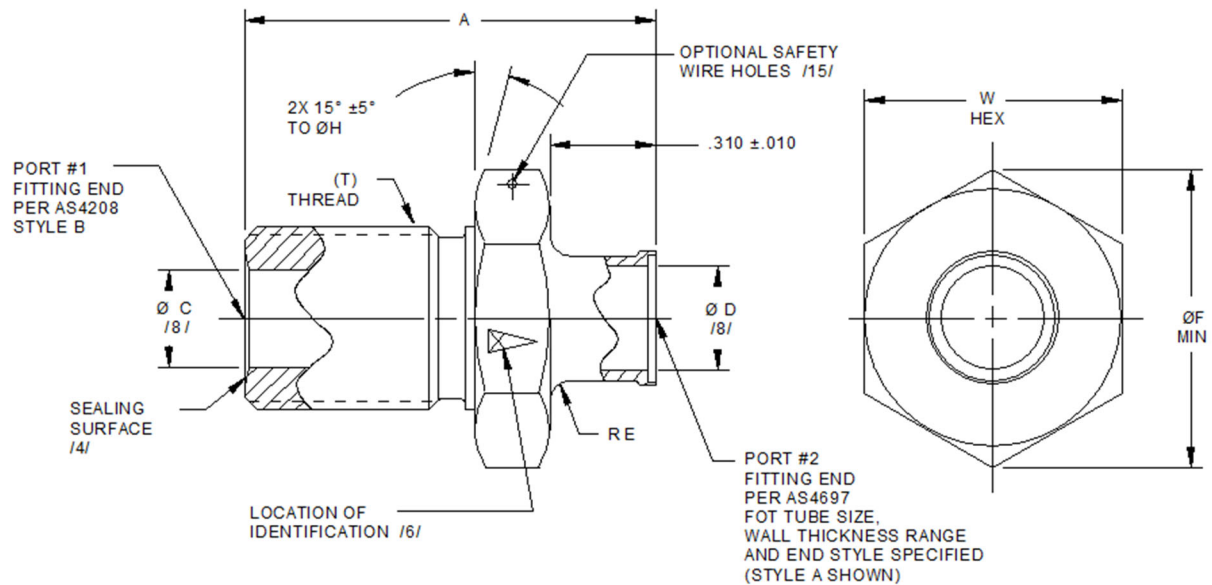
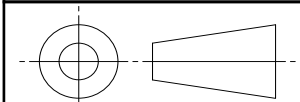


FIGURE 1 - FITTING, ADAPTER, BULKHEAD

For more information on this standard, visit
<https://www.sae.org/standards/content/AS4229C/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS85421 OR AS85720 /5/



AEROSPACE STANDARD

(R) FITTING, ADAPTER, BULKHEAD,
EXTERNAL THREAD,
BEAM SEAL TO INTEGRAL WELD RING

AS4229™
SHEET 1 OF 5

REV.
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TABLE 1 - DIMENSIONS A-W AND WEIGHTS

BASIC NO. AS4229 /14/ SIZE AND TUBE WALL CODES	(NOM TUBE SIZE)	T THREAD PER AS8879 CLASS 3A	PORT #2 STYLE /8/	A ±.010	C REF	D REF	E	F	H ±.010	W	APPROX WEIGHT CRES LB/100	APPROX WEIGHT TI LB/100
03-018	.188	.3750-28 UNJS	A	1.086	--	.146	.080	.709	.605	.615-.628	.0364	.0208
03-022	.188	.3750-28 UNJS	A	1.086	--	.138	.080	.709	.605	.615-.628	.0364	.0208
04-022	.250	.4375-24 UNJS	B	1.178	.189	.200	.080	.780	.668	.678-.691	.0480	.0274
05-022	.312	.5000-24 UNJS	B	1.211	.237	.262	.080	.851	.730	.740-.753	.0637	.0364
05-028	.312	.5000-24 UNJS	B	1.211	.237	.250	.080	.851	.730	.740-.753	.0637	.0364
06-022	.375	.5625-20 UNJS	B	1.260	.302	.325	.090	.922	.792	.802-.815	.0770	.0440
06-028	.375	.5625-20 UNJS	B	1.260	.302	.313	.090	.922	.792	.802-.815	.0770	.0440
06-032	.375	.5625-20 UNJS	B	1.260	.302	.305	.090	.922	.792	.802-.815	.0770	.0440
08-019	.500	.7188-20 UNJS	B	1.342	.403	.450	.090	1.120	.980	.990-1.003	.135	.0772
08-022	.500	.7188-20 UNJS	B	1.342	.403	.450	.090	1.120	.980	.990-1.003	.135	.0772
08-043	.500	.7188-20 UNJS	A	1.342	--	.408	.090	1.120	.980	.990-1.003	.135	.0772
10-023	.625	.8438-18 UNJS	B	1.499	.518	.563	.125	1.260	1.103	1.113-1.128	.188	.107
10-028	.625	.8438-18 UNJS	B	1.499	.518	.563	.125	1.260	1.103	1.113-1.128	.188	.107
10-043	.625	.8438-18 UNJS	B	1.499	.518	.533	.125	1.260	1.103	1.113-1.128	.188	.107
10-055	.625	.8438-18 UNJS	A	1.499	--	.509	.125	1.260	1.103	1.113-1.128	.188	.107
12-023	.750	1.000-16 UNJ	B	1.592	.654	.688	.125	1.400	1.228	1.238-1.253	.241	.138
12-028	.750	1.0000-16 UNJ	B	1.592	.654	.688	.125	1.400	1.228	1.238-1.253	.241	.138
12-055	.750	1.0000-16 UNJ	A	1.592	--	.634	.125	1.400	1.228	1.238-1.253	.241	.138
12-065	.750	1.0000-16 UNJ	A	1.592	--	.614	.125	1.400	1.228	1.238-1.253	.241	.138
14-032	.875	1.1250-16 UNJ	B	1.648	.774	.805	.125	1.540	1.353	1.363-1.380	.300	.171
14-065	.875	1.1250-16 UNJ	A	1.648	--	.739	.125	1.540	1.353	1.363-1.380	.300	.171
16-043	1.000	1.2500-14 UNJS	B	1.687	.868	.908	.125	1.650	1.478	1.488-1.505	.368	.210
16-078	1.000	1.2500-14 UNJS	A	1.687	--	.838	.125	1.650	1.478	1.488-1.505	.368	.210
16-089	1.000	1.2500-14 UNJS	A	1.687	--	.816	.125	1.650	1.478	1.488-1.505	.368	.210
20-055	1.250	1.5781-14 UNJS	B	1.744	1.122	1.134	.180	2.063	1.853	1.863-1.880	.624	.356
20-089	1.250	1.5781-14 UNJS	A	1.744	-	1.066	.180	2.063	1.853	1.863-1.880	.624	.356
24-055	1.500	1.8438-14 UNJS	B	1.906	1.330	1.384	.180	2.338	2.099	2.109-2.135	.870	.497

	AEROSPACE STANDARD	AS4229™ SHEET 1 OF 5	REV. 6
	(R) FITTING, ADAPTER, BULKHEAD, EXTERNAL THREAD, BEAM SEAL TO INTEGRAL WELD RING		



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