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AS5183

FEDERAL SUPPLY CLASS
4730

RATIONALE

AS5183 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

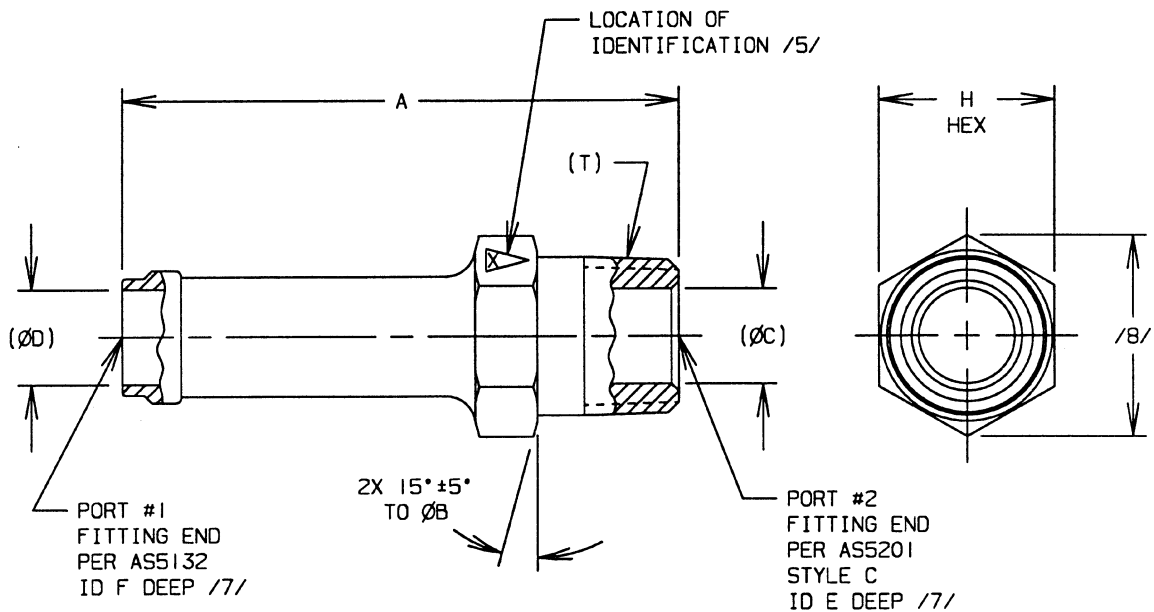
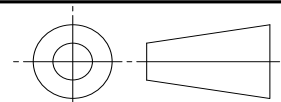


FIGURE 1 - FITTING, ADAPTER

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4843/2 /4/



AEROSPACE STANDARD

FITTING, ADAPTER, HOSE TO STRAIGHT PIPE

AS5183
SHEET 1 OF 4

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TABLE 1A - DIMENSIONS

BASIC NO. AS5183 /14/ SIZE CODE	(NOMINAL TUBE SIZE) PORT #1	(NOMINAL PIPE SIZE) PORT #2	T THREAD PER MIL-P-7105 ANPT	A ±.031	B ±.010	C	D	E	F
0402	.250	.188	1/8-27	2.078	.418	.188	.187	—	—
0604	.375	.250	1/4-18	2.344	.605	.282	.297	—	1.625
0806	.500	.375	3/8-18	2.375	.730	.406	.406	—	—
1006	.625	.375	3/8-18	2.375	.855	.406	.500	—	1.625
1008	.625	.500	1/2-14	2.578	.918	.532	.500	.906	—
1206	.750	.375	3/8-18	2.406	.980	.406	.625	—	1.625
1212	.750	.750	3/4-14	2.625	1.103	.720	.625	.922	—
1606	1.000	.375	3/8-18	2.625	1.228	.406	.845	—	1.625
1612	1.000	.750	3/4-14	2.625	1.228	.720	.845	—	1.625
1616	1.000	1.000	1-11.5	2.844	1.353	.940	.845	1.109	—
2016	1.250	1.000	1-11.5	2.875	1.428	.940	1.096	—	1.625
2020	1.250	1.250	1-1/4-11.5	2.891	1.728	1.253	1.096	1.141	—
2420	1.500	1.250	1-1/4-11.5	2.906	1.728	1.253	1.346	—	1.625
2424	1.500	1.500	1-1/2-11.5	2.938	1.978	1.503	1.346	1.156	—

TABLE 1B - WEIGHTS

BASIC NO. AS5183 /14/ SIZE CODE	H	LB/EA MAX AL	LB/EA MAX CU	LB/EA MAX STEEL
0402	.428- .440	.0113	.0344	.0325
0604	.615- .628	.0245	.0744	.0703
0806	.740- .753	.0353	.107	.101
1006	.865- .878	.0430	.131	.123
1008	.928- .941	.0602	.183	.173
1206	.990-1.003	.0561	.171	.161
1212	1.113-1.128	.0885	.269	.254
1606	1.238-1.253	.111	.336	.317
1612	1.238-1.253	.0874	.266	.251
1616	1.363-1.380	.144	.436	.412
2016	1.438-1.505	.163	.495	.467
2020	1.738-1.755	.230	.700	.661
2420	1.738-1.755	.210	.638	.603
2424	1.988-2.005	.294	.893	.843



AEROSPACE STANDARD

FITTING, ADAPTER, HOSE TO STRAIGHT PIPE

AS5183

SHEET 2 OF 4



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