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RATIONALE

CORRECTED DELINEATION OF DIMENSION "C" IN FIGURE 1, ADDED CADMIUM WARNING NOTE, UPDATED SPECIFICATION REFERENCES, AND UPDATED TO COMPLY WITH SAE AEROSPACE TECHNICAL REPORT STYLE MANUAL.

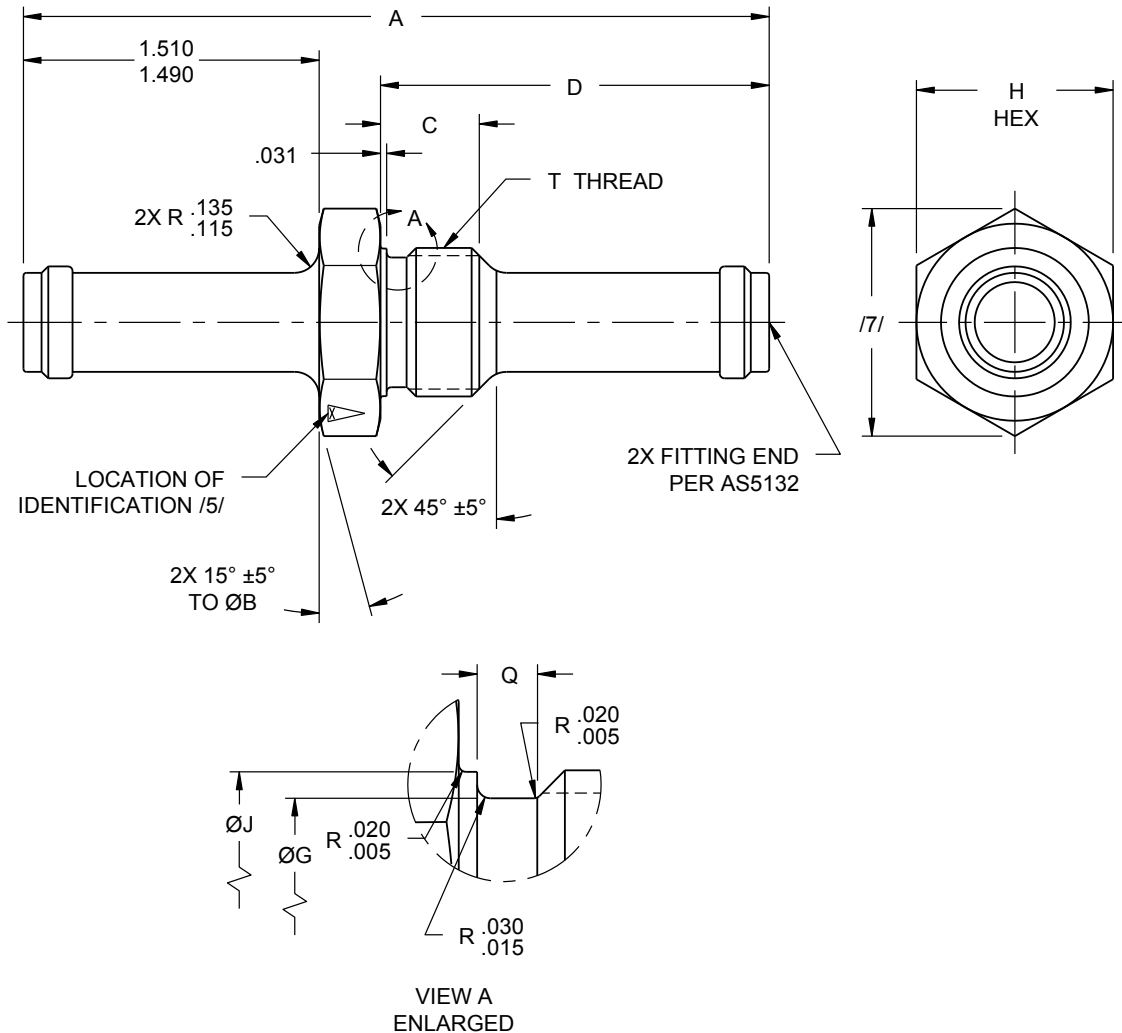
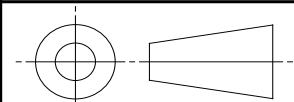


FIGURE 1 - FITTING, ADAPTER

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4843 /4/



AEROSPACE STANDARD

(R) FITTING, ADAPTER, HOSE

AS5189™
SHEET 1 OF 3

REV.
A

TABLE 1

TABLE 1A - DIMENSIONS A THROUGH G

BASIC NO. AS5189 /13/ SIZE CODE	(NOMINAL HOSE SIZE)	T THREAD PER AS8879 CLASS 3A	A	B $\pm .010$	C	D	G +.000 -.005
04	.250	.4375-20 UNJF	3.625	.668	.438	1.938	.359
06	.375	.5625-18 UNJF	3.719	.792	.469	1.969	.476
08	.500	.7500-16 UNJF	3.781	.980	.500	2.000	.654
10	.625	.8750-14 UNJF	3.844	1.103	.531	2.031	.767
12	.750	1.0625-12 UNJ	3.906	1.353	.562	2.062	.938
16	1.000	1.3125-12 UNJ	3.906	1.603	.562	2.062	1.188
20	1.250	1.6250-12 UNJ	3.938	1.853	.562	2.062	1.501
24	1.500	1.8750-12 UNJ	4.000	2.099	.562	2.062	1.750

TABLE 1B - DIMENSIONS H THROUGH Q AND WEIGHTS

BASIC NO. AS5189 /13/ SIZE CODE	H	J	Q +.015 -.000	LB/EA APPROX REF AL	LB/EA APPROX REF CU	LB/EA APPROX REF STEEL
04	.678-.691	.4294-.4375	.075	.0227	.0691	.0653
06	.802-.815	.5538-.5625	.083	.0375	.114	.108
08	.990-1.003	.7406-.7500	.094	.0624	.190	.179
10	1.113-1.128	.8647-.8750	.107	.0805	.245	.231
12	1.363-1.380	1.0511-1.0625	.125	.123	.374	.353
16	1.613-1.630	1.3011-1.3125	.125	.164	.498	.471
20	1.863-1.880	1.6136-1.6250	.125	.255	.774	.731
24	2.109-2.135	1.8636-1.8750	.125	.324	.984	.929

NOTES

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE.

/1/ MATERIAL:

- DASH AS CODE LETTER - TYPE 1137 CARBON STEEL BAR PER ASTM A108 OR TYPE 4130 PER AMS6758 OR AMS6370, OR TYPE 4140 PER AMS6382. SEE /2/.
- CODE LETTER B - TYPE 360 COPPER ALLOY BAR PER ASTM B16, ASTM B138/B138M, OR AMS4610.
- CODE LETTER D - TYPE 2024-T6 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/6, OR TYPE 2024-T851 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/6 OR AMS4339. SEE /2/.
- CODE LETTER J - TYPE 304 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5639.
- CODE LETTER K - TYPE 316 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5648.
- CODE LETTER R - TYPE 321 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5645.
- CODE LETTER W - TYPE 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9, OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124. SEE /2/.

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