

AS5184

FEDERAL SUPPLY CLASS
4730

RATIONALE

AS5184 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

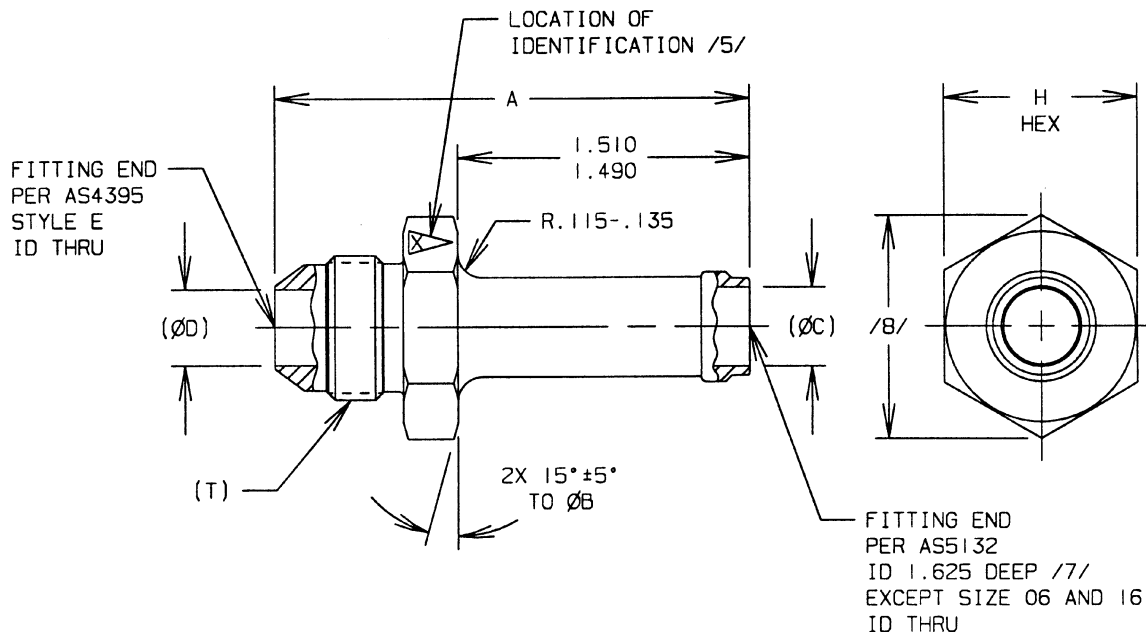


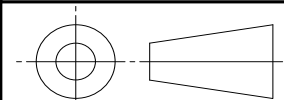
FIGURE 1 - FITTING, ADAPTER

TABLE 1A - DIMENSIONS

BASIC NO. AS5184 /14/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER MIL-S-8879 CLASS 3A	A	B ±.010	C	D	H
04	.250	.4375-20 UNJF	2.250	.668	.187	.172	.678-.691
06	.375	.5625-18 UNJF	2.312	.792	.297	.297	.802-.815
08	.500	.7500-16 UNJF	2.438	.980	.406	.391	.990-1.003
10	.625	.8750-14 UNJF	2.562	1.103	.500	.484	1.113-1.128
12	.750	1.0625-12 UNJ	2.688	1.353	.625	.609	1.363-1.380
16	1.000	1.3125-12 UNJ	2.781	1.603	.845	.845	1.613-1.630

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS5184>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4843/1 /4/



AEROSPACE STANDARD

FITTING, ADAPTER, FLARED TO HOSE

AS5184
SHEET 1 OF 3

Documents

TABLE 1B - WEIGHTS

BASIC NO. AS5184 /14/ SIZE CODE	LB/EA MAX AL	LB/EA MAX CU	LB/EA MAX STEEL
04	.0187	.0568	.0537
06	.0297	.0903	.0853
08	.0521	.158	.150
10	.0711	.216	.204
12	.110	.336	.317
16	.160	.485	.458

NOTES:

/1/ MATERIAL:

- a. DASH AS CODE LETTER - TYPE 1137 CARBON STEEL BAR PER ASTM A 108 OR TYPE 4130 PER MIL-S-6758 OR AMS 6370 OR TYPE 4140 PER MIL-S-5626 OR AMS 6382. /2/
- b. CODE LETTER B - TYPE 360 COPPER ALLOY BAR PER ASTM B 16, ASTM B 138, OR AMS 4610.
- c. CODE LETTER D - TYPE 2024-T6 ALUMINUM ALLOY BAR PER QQ-A-225/6 OR AMS 4112 OR TYPE 2024-T851 ALUMINUM ALLOY BAR PER QQ-A-225/6.
- d. CODE LETTER J - TYPE 304 CORROSION RESISTANT STEEL BAR PER QQ-S-763 OR AMS 5639.
- e. CODE LETTER K - TYPE 316 CORROSION RESISTANT STEEL BAR PER QQ-S-763 OR AMS 5648.
- f. CODE LETTER R - TYPE 321 CORROSION RESISTANT STEEL BAR PER QQ-S-763 OR AMS 5645.
- g. CODE LETTER W - TYPE 7075-T73 ALUMINUM ALLOY BAR PER QQ-A-225/9 OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS 4124.

/2/ HEAT TREATMENT:

- a. DASH AS CODE LETTER - SEE HARDNESS REQUIREMENT PER PROCUREMENT SPECIFICATION.
- b. OTHER CODE LETTERS - NONE.

3. FINISH:

- a. DASH AS CODE LETTER - CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2, DYE BLACK AND COAT WITH A LIGHT FILM OF OIL PER PROCUREMENT SPECIFICATION.
- b. CODE LETTER B - CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 3 OR NONE.
- c. CODE LETTER D - ANODIZE PER MIL-A-8625, TYPE II, CLASS 2, DYE BLUE, DUPLEX SEAL PER PROCUREMENT SPECIFICATION.
- d. CODE LETTERS J, K, AND R - PASSIVATE PER QQ-P-35, TYPE VI OR VII.
- e. CODE LETTER W - ANODIZE PER MIL-A-8625, TYPE II, CLASS 2, DYE BROWN, DUPLEX SEAL PER PROCUREMENT SPECIFICATION.

- /4/ PROCUREMENT SPECIFICATION: AS4843/1 EXCEPT AS SPECIFIED ON THIS STANDARD. THIS PART SHALL BE QUALIFIED TO THE PROCUREMENT SPECIFICATION IN A COMPLETE ASSEMBLY AS APPLICABLE. USERS OF THIS STANDARD ARE ADVISED TO CONTROL SOURCE APPROVAL(S) BY STANDARD PAGE SUPPLEMENT SHEET OR SIMILAR MEANS.

	AEROSPACE STANDARD		AS5184 SHEET 2 OF 2	
	FITTING, ADAPTER, FLARED TO HOSE			