

FEDERAL SUPPLY CLASS
4730

RATIONALE

"INACTIVE IN PART" STATUS REPLACED BY "NOT RECOMMENDED INPART." OPTIONAL MATERIALS ADDED TO NOTE 1. QML STATEMENT REVISED. INTENDED USE NOTE REVISED, TABLE 2 REMOVED. NOTE 9 REVISED TO REFLECT CURRENT SPECIFICATION CALLOUT. USE OF TITANIUM AND CADMIUM IN OXYGEN OR POTABLE WATER SYSTEM WARNING NOTE REMOVED. OLD NOTE 18 IS NOW NOTE 17. NEW NOTE 17 REVISED TO REFLECT CHANGE FROM "INACTIVE" TO "RECOMMENDED." GENERAL NON-TECHNICAL UPDATES INCORPORATED.

REV. C
AS5162™

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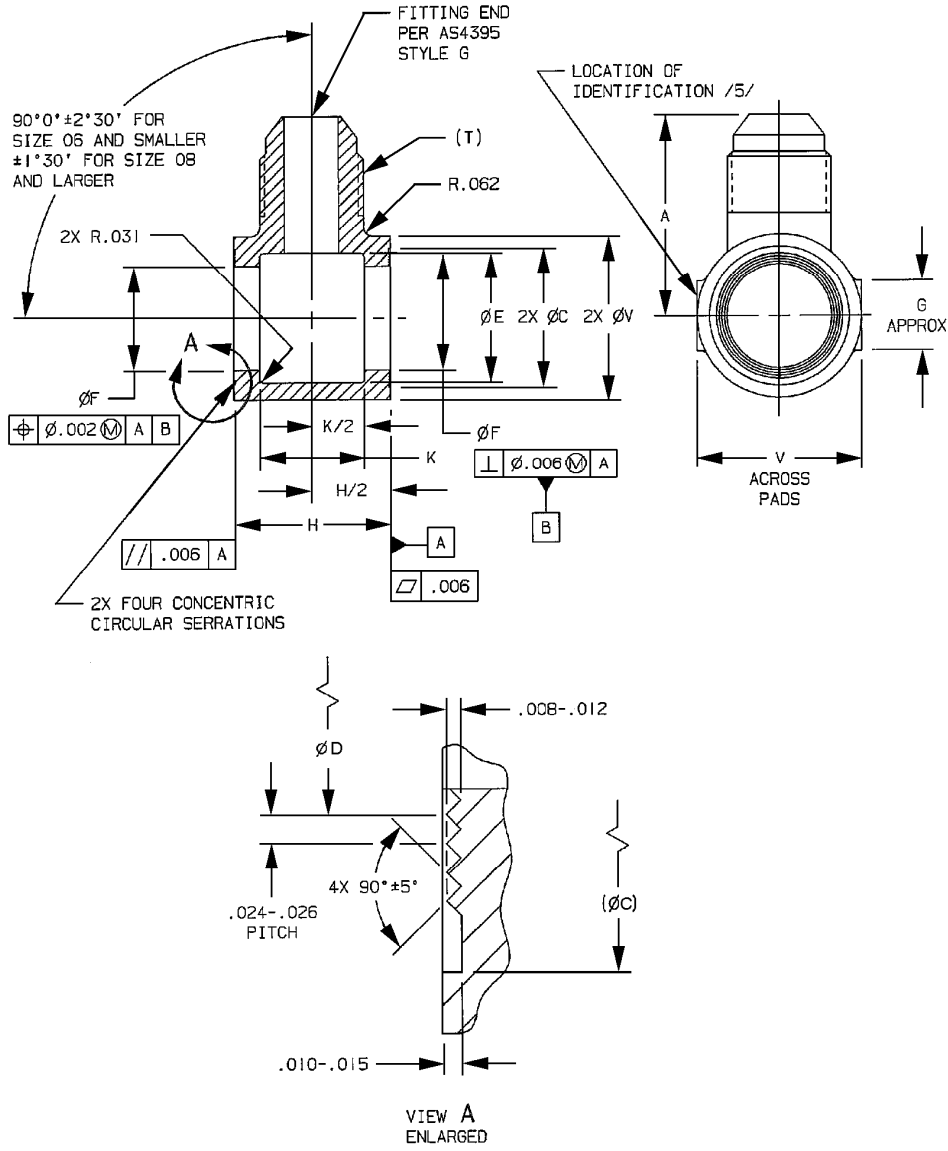
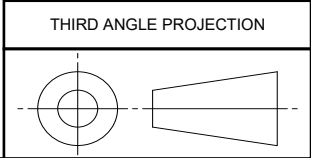


FIGURE 1 - FITTING, CONNECTOR, 90°

NOT RECOMMENDED IN PART /17/

For more information on this standard, visit <https://www.sae.org/standards/content/AS5162C>



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4875/1 /4/



AEROSPACE STANDARD

FITTING, CONNECTOR, MULTIPLE FLUID PRESSURE LINE, 90°

AS5162™ SHEET 1 OF 4

REV. C

ISSUED 2000-07 REAFFIRMED 2007-07 REVISED 2021-05

TABLE 1A - DIMENSIONS A-F

BASIC NO. AS5162 /14/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER AS8879 CLASS 3A	A ±.023	C ±.005	D ±.005	E	F ±.001
04	.250	.4375-20 UNJF	1.148	.692	.474	.562	.439
05	.312	.5000-20 UNJF	1.148	.755	.536	.625	.501
06	.375	.5625-18 UNJF	1.273	.817	.599	.750	.564
08	.500	.7500-16 UNJF	1.460	1.005	.786	.937	.751
10	.625	.8750-14 UNJF	1.680	1.130	.911	1.125	.876
12	.750	1.0625-12 UNJ	2.023	1.318	1.099	1.375	1.063
16	1.000	1.3125-12 UNJ	2.398	1.568	1.349	1.687	1.313

TABLE 1B - DIMENSIONS G-V AND WEIGHTS

BASIC NO. AS5162 /14/ SIZE CODE	G	H ±.010	K	V	LB/EA APPROX REF AL	LB/EA APPROX REF STEEL	LB/EA APPROX REF TI
04	.437	.750	.375	.797-.815	.0284	.0816	.0450
05	.437	.750	.500	.797-.815	.0240	.0689	.0380
06	.500	.875	.500	.985-1.003	.0421	.121	.0667
08	.500	1.125	.750	1.173-1.191	.0668	.192	.106
10	.625	1.375	.812	1.355-1.380	.107	.307	.169
12	.625	1.625	1.000	1.668-1.693	.186	.534	.294
16	.812	2.125	1.500	2.042-2.072	.312	.896	.494

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:

- a. DASH AS CODE LETTER: TYPE 4130 STEEL FORGING OR BAR PER AMS-S-6758 OR AMS6370; OR TYPE 4140 STEEL BAR PER AMS6349 OR AMS6382. /2/
- b. CODE LETTER D: TYPE 2014-T6 ALUMINUM ALLOY FORGING PER AMS-QQ-A-367 OR AMS4133; OR 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. /17/
- c. CODE LETTER J: TYPE 304 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS-QQ-S-763 OR AMS5639.
- d. CODE LETTER K: TYPE 316 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS-QQ-S-763 OR AMS5648.
- e. CODE LETTER R: TYPE 321 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS-QQ-S-763 OR AMS5645.
- f. CODE LETTER T: TYPE 6AL-4V TITANIUM ALLOY FORGING OR BAR PER AMS4928.
- g. CODE LETTER W: TYPE 7075-T73 ALUMINUM ALLOY FORGING PER AMS-QQ-A-367 OR AMS4141; OR TYPE 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9; OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124.

	AEROSPACE STANDARD	AS5162™ SHEET 2 OF 4	REV. C
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