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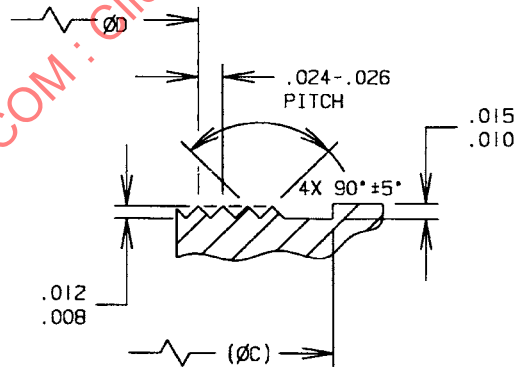
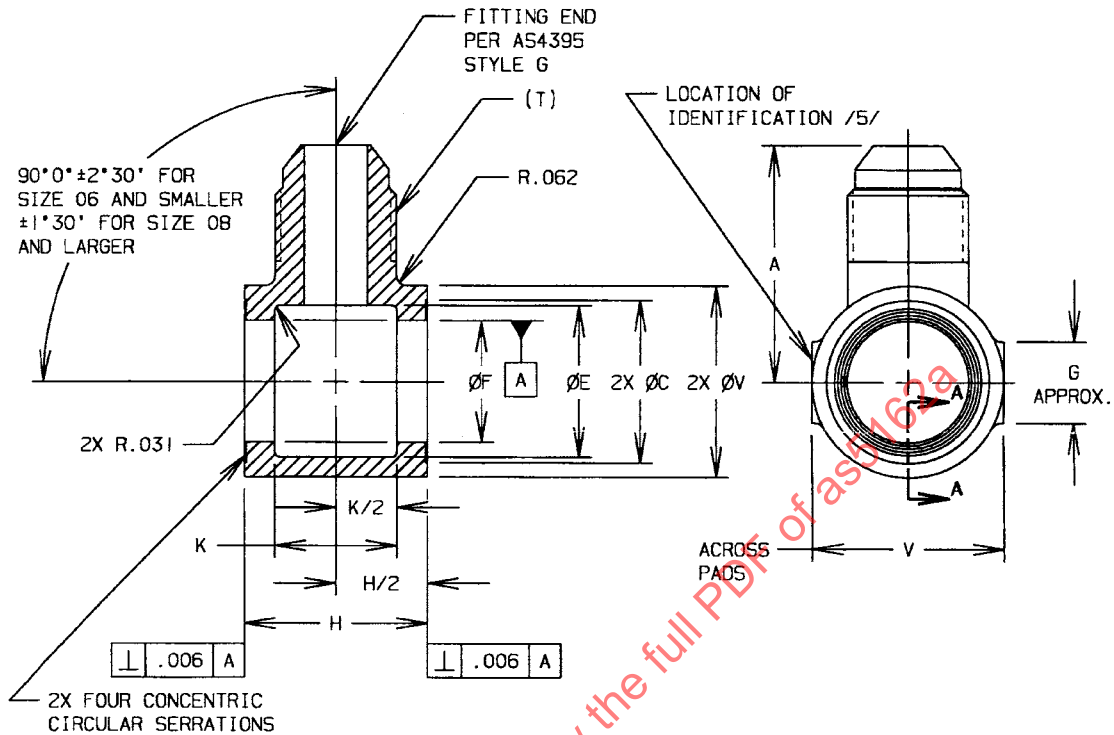
REV.
A

AS5162

FEDERAL SUPPLY CLASS
4730

RATIONALE

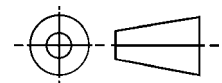
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SECTION A-A
ROTATED CCW 90°, ENLARGED

FIGURE 1 - FITTING, CONNECTOR, 90°

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ AS4875/1

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

FITTING, CONNECTOR, MULTIPLE
FLUID PRESSURE LINE, 90°

AS5162
SHEET 1 OF 3

**REV.
A**

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ISSUED 2000-07 REVISED 2003-08 REAFFIRMED 2007-07

REV.
A

AS5162

TABLE 1A - DIMENSIONS

BASIC NO. AS5162 /13/ 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 AND WEIGHTS

BASIC NO. AS5162 /13/ 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:

/1/ MATERIAL:

- DASH AS CODE LETTER - TYPE 4130 CARBON STEEL FORGING OR BAR PER AMS-S-6758 OR AMS 6370; OR TYPE 4140 PER AMS 6382. /2/
- CODE LETTER D - TYPE 2014-T6 ALUMINUM ALLOY FORGING PER AMS 4133; 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 AMS 4339. /2/
- CODE LETTER J - TYPE 304 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS-QQ-S-763 OR AMS 5639.
- CODE LETTER K - TYPE 316 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS-QQ-S-763 OR AMS 5648.
- CODE LETTER R - TYPE 321 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS-QQ-S-763 OR AMS 5645.
- CODE LETTER T - TYPE 6AL-4V TITANIUM ALLOY FORGING OR BAR PER AMS 4928.
- CODE LETTER W - TYPE 7075-T73 ALUMINUM ALLOY FORGING PER AMS 4141; OR TYPE 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9; OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS 4124. /2/

/2/ HEAT TREATMENT:

- DASH AS CODE LETTER - SEE HARDNESS REQUIREMENT PER PROCUREMENT SPECIFICATION.
- CODE LETTERS D AND W - SEE ELECTRICAL CONDUCTIVITY AND HARDNESS REQUIREMENT PER PROCUREMENT SPECIFICATION.
- OTHER CODE LETTERS - NONE.