



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

## NOTICE:

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

## NOTES:

## /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 AMS6382. /2/
- b. CODE LETTER D - TYPE 2014-T6 ALUMINUM ALLOY FORGING PER 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 AMS 4339. /2/, /18/
- c. CODE LETTER J - TYPE 304 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS5639.
- d. CODE LETTER K - TYPE 316 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS5648.
- e. CODE LETTER R - TYPE 321 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS5645.
- f. CODE LETTER T - TYPE 6AL-4V TITANIUM ALLOY FORGING OR BAR PER AMS4928. /16/
- g. CODE LETTER W - TYPE 7075-T73 ALUMINUM ALLOY FORGING PER AMS4141; OR TYPE 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9; OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124. /2/

 An SAE International Group	<b>AEROSPACE STANDARD</b>	<b>SAE AS5162</b> SHEET 2 OF 4	<b>REV.</b> <b>B</b>
	FITTING, CONNECTOR, MULTIPLE FLUID PRESSURE LINE, 90°		

/2/ HEAT TREATMENT:

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

3. FINISH:

- a. DASH AS CODE LETTER - CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2, DYE BLACK AND COAT WITH A LIGHT FILM OF OIL PER PROCUREMENT SPECIFICATION.
- b. MATERIAL CODE LETTER D:
  - 1. ANODIZE PER AMS 2472 OR MIL-A-8625, TYPE II, CLASS 2, DYE BLUE, DUPLEX SEAL PER PROCUREMENT SPECIFICATION.
  - 2. D CODE PARTS TO BE COATED WITH HIGH PURITY ALUMINUM ONLY WILL HAVE THE FINISH CODE LETTER "V" PLACED AFTER THE SIZE CODE IN THE PART NUMBER. THE FINISH WILL BE: COAT WITH HIGH PURITY ALUMINUM PER MIL-DTL-83488, CLASS 3, TYPE II, WITH MAXIMUM COATING THICKNESS OF .0005. GLASS BEAD PEEN PRESSURE SHALL BE 25 psi MAXIMUM. /14/  
SEE PROCUREMENT SPECIFICATION FOR ADDITIONAL REQUIREMENTS.
- c. MATERIAL CODE LETTERS J, K, AND R - PASSIVATE PER AMS 2700, TYPE 6 OR 7.
- d. MATERIAL CODE LETTER T - ANODIZE PER AMS2488 OR FLUORIDE PHOSPHATE CONVERSION COAT PER AMS2486 WITH COLOR PER PROCUREMENT SPECIFICATION.
- e. MATERIAL CODE LETTER W:
  - 1. ANODIZE PER AMS 2472 OR MIL-A-8625, TYPE II, CLASS 2, DYE BROWN, DUPLEX SEAL PER PROCUREMENT SPECIFICATION.
  - 2. W CODE PARTS TO BE COATED WITH HIGH PURITY ALUMINUM ONLY WILL HAVE THE FINISH CODE LETTER "V" PLACED AFTER THE SIZE CODE IN THE PART NUMBER. THE FINISH WILL BE: COAT WITH HIGH PURITY ALUMINUM PER MIL-DTL-83488, CLASS 3, TYPE II, WITH MAXIMUM COATING THICKNESS OF .0005. GLASS BEAD PEEN PRESSURE SHALL BE 25 psi MAXIMUM. /14/  
SEE PROCUREMENT SPECIFICATION FOR ADDITIONAL REQUIREMENTS

/4/ PROCUREMENT SPECIFICATION: AS4875/1 EXCEPT AS SPECIFIED ON THIS STANDARD. PRODUCT SUPPLIED TO THIS SPECIFICATION SHALL BE MANUFACTURED BY AN ACCREDITED MANUFACTURER LISTED IN THE PERFORMANCE REVIEW INSTITUTE (PRI) QUALIFIED MANUFACTURER LIST (QML) FOR THIS PRODUCT TYPE. THE QML IS AVAILABLE AT [www.eAuditNet.com](http://www.eAuditNet.com).

/5/ IDENTIFICATION AT LOCATION SHOWN: MARK PER AS478 CLASS C OR D, OR METHOD 7A3, 15A3 OR 15B.

- a. FOR SIZE 06 AND SMALLER: MANUFACTURER'S NAME, CAGE CODE OR TRADEMARK, LETTERS "AS" AND MATERIAL CODE LETTER.
- b. FOR SIZE 08 AND LARGER: MANUFACTURER'S NAME, CAGE CODE OR TRADEMARK, BASIC PART NUMBER AND MATERIAL CODE LETTER.

 An SAE International Group	<b>AEROSPACE STANDARD</b>	<b>SAE AS5162</b> SHEET 3 OF 4	<b>REV.</b> <b>B</b>
	FITTING, CONNECTOR, MULTIPLE FLUID PRESSURE LINE, 90°		