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REV.
B

AS5167™

FEDERAL SUPPLY CLASS
4730

RATIONALE

GRAPHICS REDRAWN. TABLE 1 REDRAWN. MATERIAL SPEC FOR ALUMINUM 2024 REVISED TO CURRENT SPECIFICATION. HEAT TREATMENT, NOTE 2 ADDED. QPL STATEMENT REVISED. "NOT RECOMMENDED" NOTE ADDED ON SHEET ONE. "INTENDED USE" NOTE REVISED. NOTES 15, 16 AND 17 ADDED. GENERAL UPDATES INCORPORATED. GENERAL UPDATES INCORPORATED.

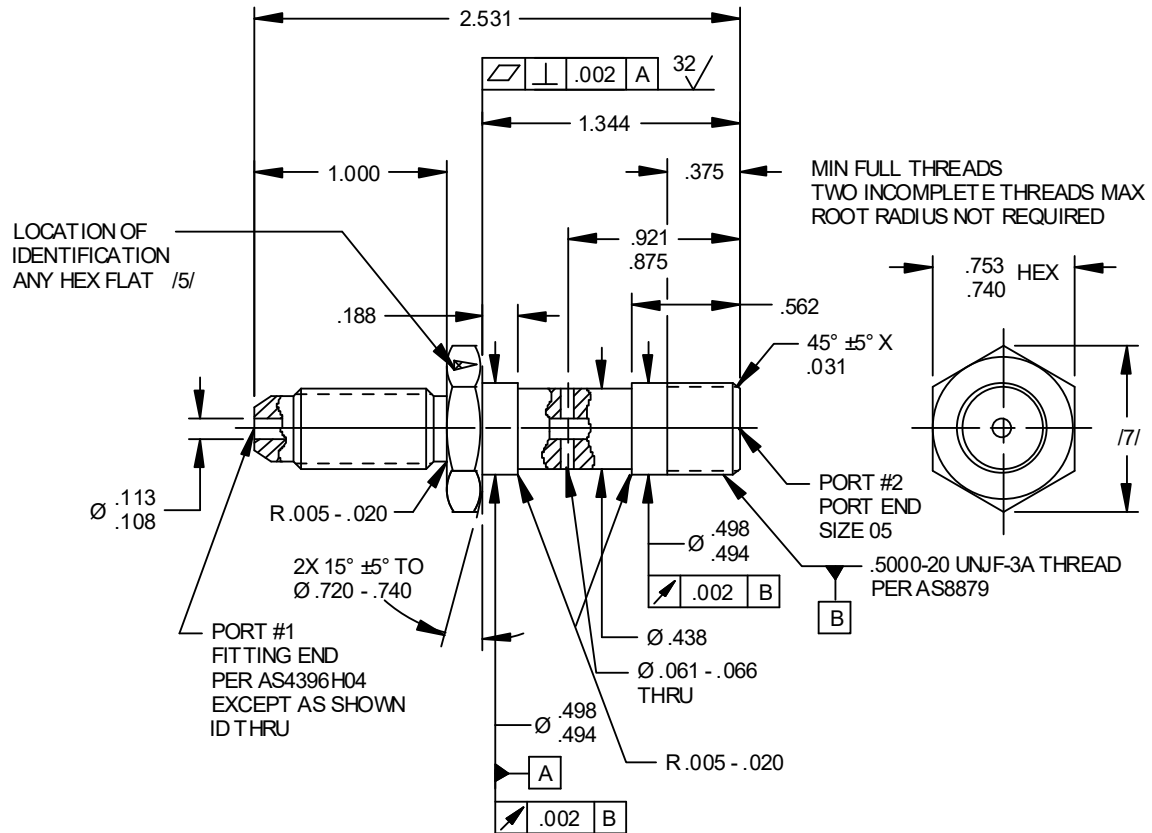
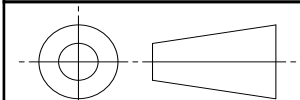


FIGURE 1 - FITTING, ADAPTER

NOT RECOMMENDED IN PART /17/

For more information on this standard, visit
<https://www.sae.org/standards/content/AS5167B>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3

PROCUREMENT SPECIFICATION: AS4841 /4/



AEROSPACE STANDARD

(R) FITTING, ADAPTER, FLARED,
AIR PRESSURE GAUGE

AS5167™
SHEET 1 OF 3

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Documents

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TABLE 1 - WEIGHTS

BASIC NO.	(NOMINAL TUBE SIZE)	(NOMINAL TUBE SIZE)	LB/EA	LB/EA
AS5167	PORT	PORT	MAX	MAX
/13/ SIZE CODE	#1	#2	ALUM	TI
0405	.250	.312	.0907	.144

NOTES:

/1/ MATERIAL:

- a. 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. /17/
- b. CODE LETTER T - TYPE 6AL-4V TITANIUM ALLOY BAR PER AMS4928.
- c. CODE LETTER W - TYPE 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9 OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124.

2. HEAT TREATMENT:

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

3. FINISH:

- a. CODE LETTER D - ANODIZE PER AMS2472 OR MIL-A-8625, TYPE II, CLASS 2, DYE BLUE, DUPLEX SEAL PER PROCUREMENT SPECIFICATION.
- b. CODE LETTER T - ANODIZE PER AMS2488 TYPE 2 OR FLUORIDE PHOSPHATE CONVERSION COAT PER AMS2486 WITH COLOR PER PROCUREMENT SPECIFICATION.
- c. CODE LETTER W - ANODIZE PER AMS2472 OR MIL-A-8625, TYPE II, CLASS 2, DYE BROWN, DUPLEX SEAL PER PROCUREMENT SPECIFICATION.

/4/ PROCUREMENT SPECIFICATION: AS4841 EXCEPT AS SPECIFIED ON THIS STANDARD. PRODUCT MANUFACTURED TO THIS STANDARD SHALL MEET THE REQUIREMENTS SPECIFIED HEREIN AND THE PROCUREMENT SPECIFICATION. ORIGINAL COMPONENT MANUFACTURERS (OCM) AND VALUE ADDED DISTRIBUTORS (VAD) SHALL BE LISTED IN THE NADCAP QUALIFIED MANUFACTURER LIST (QML) FOR THIS PRODUCT TYPE. THE QML IS AVAILABLE AT www.eAuditNet.com.

/5/ IDENTIFICATION AT LOCATION SHOWN: MARK MANUFACTURER'S NAME, CAGE CODE OR TRADEMARK, LETTER "AS" AND MATERIAL CODE LETTER PER AS478 CLASS C OR D OR METHOD 7A3, 15A3, OR 15B.

6. INTENDED USE: THIS PART IS DESIGNED FOR USE IN SYSTEMS WITH A MAXIMUM OPERATING PRESSURE AS SPECIFIED IN THE PROCUREMENT SPECIFICATION.

/7/ THE HEX CORNERS MAY BE ROUNDED PER ARP1942.

8. INTERPRETATION OF DRAWING PER AS4296.

9. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M; REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, MACHINED SURFACES TO BE 125 MICROINCHES Ra. SURFACES OF HEX FLATS MAY BE 250 MICROINCHES Ra.

10. BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.

11. DIMENSIONING AND TOLERANCING: ASME Y14.5M-1994.

12. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ± 0.016 , ANGULAR DIMENSIONS $\pm 0^{\circ}30'$.

	AEROSPACE STANDARD		AS5167™ SHEET 2 OF 3	REV. B
	(R) FITTING, ADAPTER, FLARED, AIR PRESSURE GAUGE			

