

REV.  
C

AS4662™

RATIONALE

TYP0 CORRECTED IN THE LAST COLUMN HEADING OF TABLE 1 FROM "TI" TO "ALUM." UPDATED SPECIFICATION CALLOUTS TO CURRENT NOMENCLATURE. UPDATED PROCUREMENT SPECIFICATION NOTE TO CURRENT VERBIAGE.

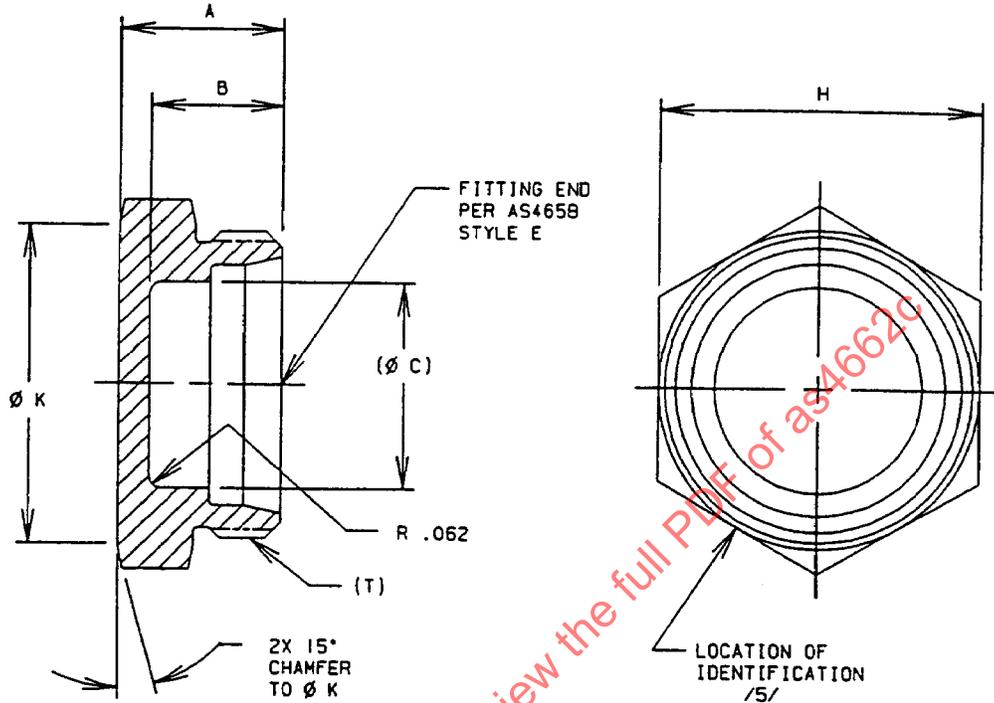
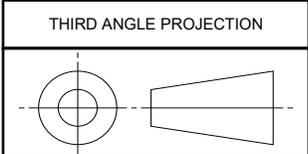


FIGURE 1 - FITTING, PLUG, SHORT FLARELESS

For more information on this standard, visit  
<https://www.sae.org/standards/content/AS4662C>



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /4/



**AEROSPACE STANDARD**

FITTING, PLUG, SHORT FLARELESS

AS4662™  
SHEET 1 OF 3

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**TABLE 1 - DIMENSIONS A-K AND WEIGHTS**

BASIC NO. AS4662 /14/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER AS8879 CLASS 3A	A	B	C	H	K	LB/EA APPROX REF GRES	LB/EA APPROX REF TI	LB/EA APPROX REF ALUM
20	1.250	1.5625-12 UNJ	.838	.628	1.093	1.615-1.630	1.605	.349	.199	.125
24	1.500	1.8125-12 UNJ	.901	.626	1.344	1.865-1.880	1.855	.475	.272	.172

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. CODE LETTER T: TYPE 6AL-4V TITANIUM ALLOY BAR PER AMS4928.
- b. CODE LETTER V: TYPE 15-5PH CORROSION RESISTANT STEEL BAR PER AMS5659.
- c. CODE LETTER W: TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124.

2. HEAT TREATMENT:

- a. MATERIAL CODE LETTER T: NONE.
- b. MATERIAL CODE LETTER V: HEAT TREAT TO CONDITION H-1075 PER AMS2759/3.
- c. MATERIAL CODE LETTER W: NONE.

/3/ FINISH:

- a. MATERIAL CODE LETTER T: FLUORIDE PHOSPHATE CONVERSION COAT PER AMS2486.
- b. MATERIAL CODE LETTER V:
  - (1) V CODE PARTS TO BE PASSIVATED ONLY WILL HAVE NO FINISH CODE LETTER AFTER THE SIZE CODE IN THE PART NUMBER. THE FINISH WILL BE: PASSIVATE PER AMS2700 TYPE 2 OR 8.
  - (2) V CODE PARTS TO BE CADMIUM PLATED ONLY WILL HAVE THE FINISH CODE LETTER "P" AFTER THE SIZE CODE IN THE PART NUMBER. THE FINISH WILL BE: CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
- c. MATERIAL CODE LETTER W: ANODIZE PER AMS2472 OR PER MIL-PRF-8625, TYPE II, CLASS 2 DYED BROWN SIMILAR TO COLOR 10080 OF AMS-STD-595

/4/ PROCUREMENT SPECIFICATION: AS18280, 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) SHALL BE LISTED IN THE PRI QUALIFIED PRODUCTS LIST (QPL) PRI-QPL-AS18280 FOR THIS STANDARD. REFER TO [www.eAuditNet.com](http://www.eAuditNet.com) FOR CURRENT QPL ONLINE.

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

6. THIS PART IS INTENDED FOR USE IN SYSTEMS WITH OPERATING PRESSURES AS FOLLOWS:

- a. SIZES -20 AND -24 TITANIUM ALLOY AND CORROSION RESISTANT STEEL AT 3000 PSI.
- b. SIZES -20 AND -24 ALUMINUM ALLOY AT 600 PSI.

7. REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS, NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

	<b>AEROSPACE STANDARD</b>	<b>AS4662™</b> SHEET 2 OF 3	<b>REV.</b> <b>C</b>
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