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REV.
B

AS4862™

FEDERAL SUPPLY CLASS
4030

RATIONALE

"INACTIVE" STATUS REPLACED BY "NOT RECOMMENDED." ALTERNATE MATERIAL ADDED TO NOTES 1.a, d, e, AND f. NEW NOTE 2b ADDED. "COLOR NATURAL" ADDED TO CADMIUM PLATING FOR MATERIAL CODE LETTER B. SPECIFICATION CALLOUTS UPDATED TO CURRENT ISSUE. QML STATEMENT REVISED. "INTENDED USE" NOTE REVISED. TABLE 2 REMOVED. USE OF TITANIUM AND CADMIUM IN OXYGEN AND POTABLE WATER SYSTEM WARNING NOTE REMOVED.

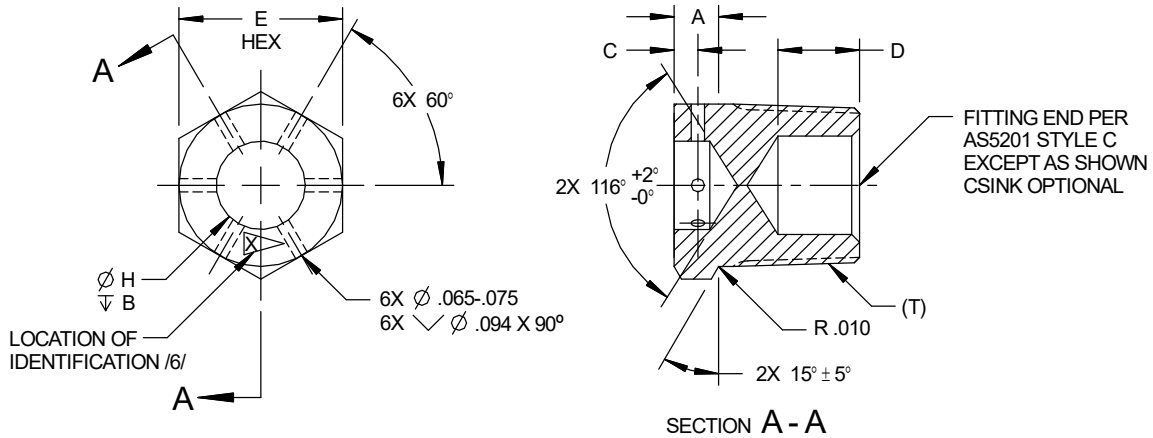
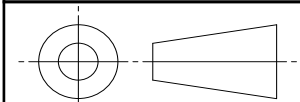


FIGURE 1 - PLUG, PIPE, EXTERNAL THREAD, HEX HEAD

NOT RECOMMENDED IN PART /17/

For more information on this standard, visit
<https://www.sae.org/standards/content/AS4862B>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4842 /5/



AEROSPACE STANDARD

(R) FITTING, PLUG, PIPE,
EXTERNAL THREAD,
HEX HEAD

AS4862™
SHEET 1 OF 4

REV.
B

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TABLE 1 - DIMENSIONS

BASIC NO. AS4862 /14/ SIZE CODE	T THREAD PER AS71051 ANPT	A	B	C	D ±.020	E	H
00	.063-27	.219	.156	.094	--	.371- .378	.188
01	.125-27	.219	.156	.094	--	.433- .440	.219
02	.250-18	.234	.156	.094	.330	.621- .629	.312
03	.375-18	.297	.156	.094	.340	.746- .754	.375
04	.500-14	.312	.188	.125	.430	.933- .941	.469
06	.750-14	.375	.188	.125	.400	1.120-1.130	.562
08	1.000-11.5	.406	.188	.125	.540	1.370-1.380	.688
10	1.250-11.5	.406	.203	.125	.390	1.734-1.766	.875
12	1.500-11.5	.406	.203	.125	.290	1.984-2.016	1.000
16	2.000-11.5	.406	.203	.125	.140	2.480-2.520	1.125
20	2.500-8	.406	.203	.125	.380	2.980-3.020	1.500

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 CODE:

- a. DASH AS A MATERIAL CODE LETTER - TYPE 4130 STEEL BAR PER AMS-S-6758 OR AMS6370, OR TYPE 4140 STEEL BAR PER AMS6349 OR AMS6382.
- b. CODE LETTER B - 377 COPPER ALLOY FORGING PER ASTM B124/B124M, OR FORGING OR BAR PER ASTM B138/B138M HALF HARD, OR BAR PER AMS4614.
- c. 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/
- d. CODE LETTER J - TYPE 304 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS-QQ-S-763 OR AMS5639.
- e. CODE LETTER K - TYPE 316 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS-QQ-S-763 OR AMS5648.
- f. CODE LETTER R - TYPE 321 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS-QQ-S-763 OR AMS5645.
- g. CODE LETTER S - TYPE 347 CORROSION RESISTANT STEEL FORGING OR BAR PER AMS-QQ-S-763 OR AMS5646. /17/
- h. CODE LETTER T - 6AL-4V TITANIUM ALLOY FORGING OR BAR PER AMS4928.
- i. CODE LETTER W - TYPE 7075-T73 ALUMINUM ALLOY FORGING PER AMS-QQ-A-367 OR AMS4141, 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. DASH AS CODE LETTER - HARDNESS SHALL BE 92 HRB TO 40 HRC 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.

	AEROSPACE STANDARD		AS4862™ SHEET 2 OF 4	REV. B
	(R) FITTING, PLUG, PIPE, EXTERNAL THREAD, HEX HEAD			





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