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REV.
D

AS4694™

FEDERAL SUPPLY CLASS
4730

RATIONALE

REVISED TO CLARIFY THE ACCEPTABILITY OF "D" SHAPE WIRE DESIGN.

UPDATED SPECIFICATION, FORMATTED, AND FIXED TYPOS. ADDED CADMIUM WARNING NOTE.

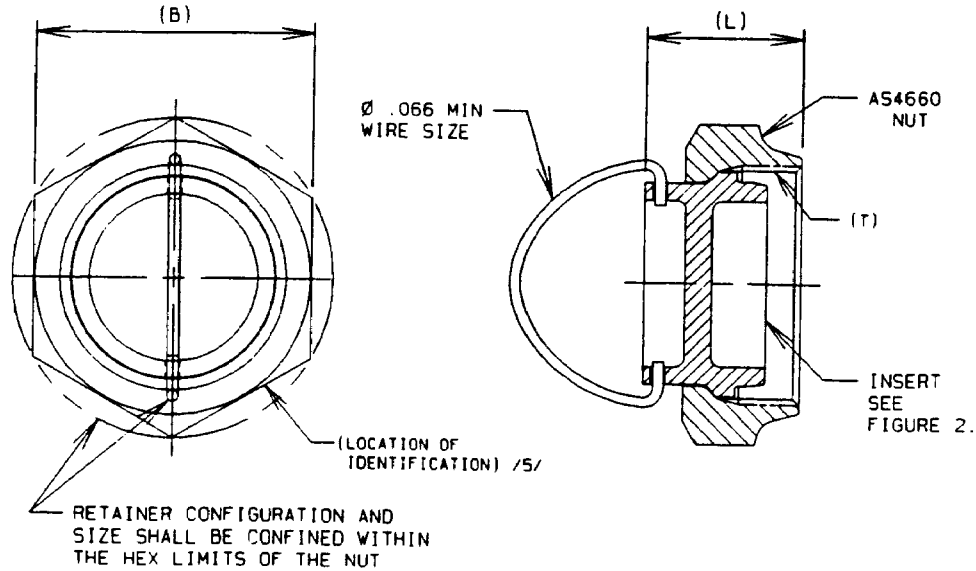


FIGURE 1 - FITTING ASSEMBLY, CAP /11/

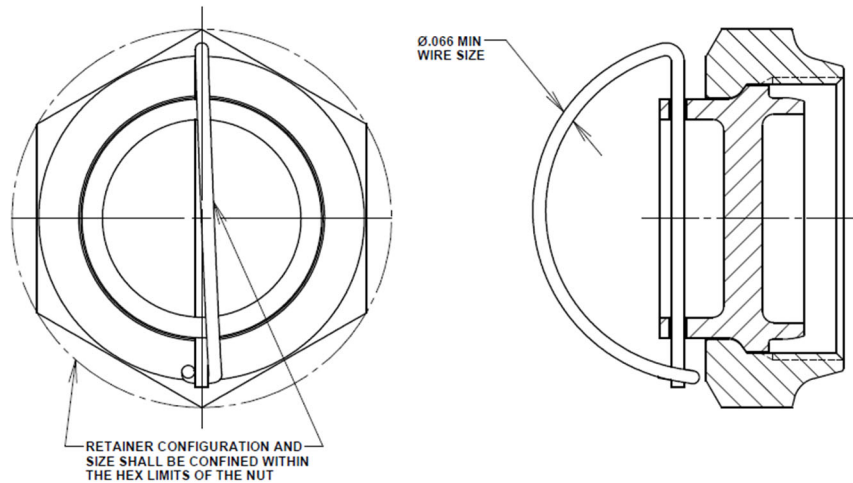
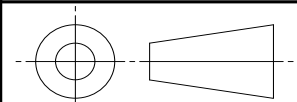


FIGURE 2 - ALTERNATIVE WIRE DESIGN FOR CAP ASSEMBLY /11/

For more information on this standard, visit
<https://www.sae.org/standards/content/AS4694D/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /4/



AEROSPACE STANDARD

FITTING ASSEMBLY, CAP, HOLLOW END,
ACORN, SHORT FLARELESS

AS4694™
SHEET 1 OF 4

REV.
D

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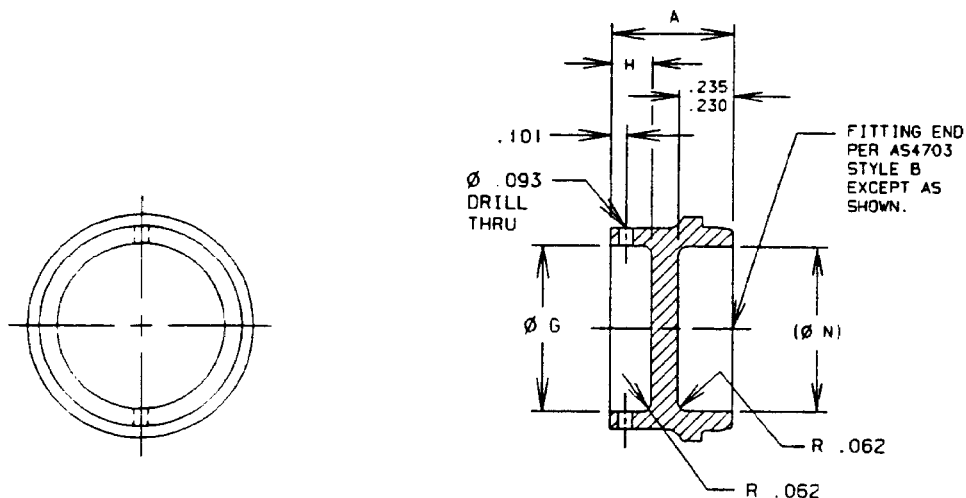


FIGURE 3 - CAP INSERT

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. AS4694 /16/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER AS8879 CLASS 3B	A	B	G	H	L	N	LB/EA APPROX REF ALUM	LB/EA APPROX REF CRES	LB/EA APPROX REF TI
20	1.250	1.5625-12 UNJ	.800	1.812	1.093	.355	1.035	1.152	.118	.321	.185
24	1.500	1.8125-12 UNJ	.800	2.062	1.343	.290	1.035	1.380	.171	.473	.258

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.

CADMIUM IS CARCINOGENIC TO HUMANS (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC), GROUP 1) AND IS HAZARDOUS TO ECOSYSTEMS AND HUMAN HEALTH. SUGGEST USE OF ALTERNATIVE MATERIALS, WHEN POSSIBLE.

/1/ MATERIAL:

a. CODE LETTER T:

- (1) INSERT: TYPE 6AL-4V TITANIUM ALLOY BAR PER AMS4928.
- (2) NUT: CODE LETTER T OF AS4660 (TYPE 6AL-4V TITANIUM ALLOY).
- (3) WIRE: CORROSION-RESISTANT STEEL TYPE 302 PER ASTM A493 OR TYPE 305 PER AMS5685.

b. CODE LETTER V:

- (1) INSERT: TYPE 15-5PH CORROSION-RESISTANT STEEL BAR PER AMS5659.
- (2) NUT: CODE LETTER V OF AS4660 (TYPE 15-5PH CORROSION-RESISTANT STEEL).
- (3) WIRE: CORROSION-RESISTANT STEEL TYPE 302 PER ASTM A493 OR TYPE 305 PER AMS5685.

c. CODE LETTER W:

- (1) INSERT: TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124.
- (2) NUT: CODE LETTER W OF AS4660 (TYPE 7075-T7351 ALUMINUM ALLOY).
- (3) WIRE: CORROSION-RESISTANT STEEL TYPE 302 PER ASTM A493 OR TYPE 305 PER AMS5685.

	AEROSPACE STANDARD	AS4694™ SHEET 1 OF 1 	REV. 1
	FITTING ASSEMBLY, CAP, HOLLOW END, ACORN, SHORT FLARELESS		

