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REV.
A

AS21937

FEDERAL SUPPLY CLASS
4730

RATIONALE

AS21937A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S MILITARY STANDARD MS21937B. THIS SAE STANDARD RETAINS THE SAME PART NUMBER ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

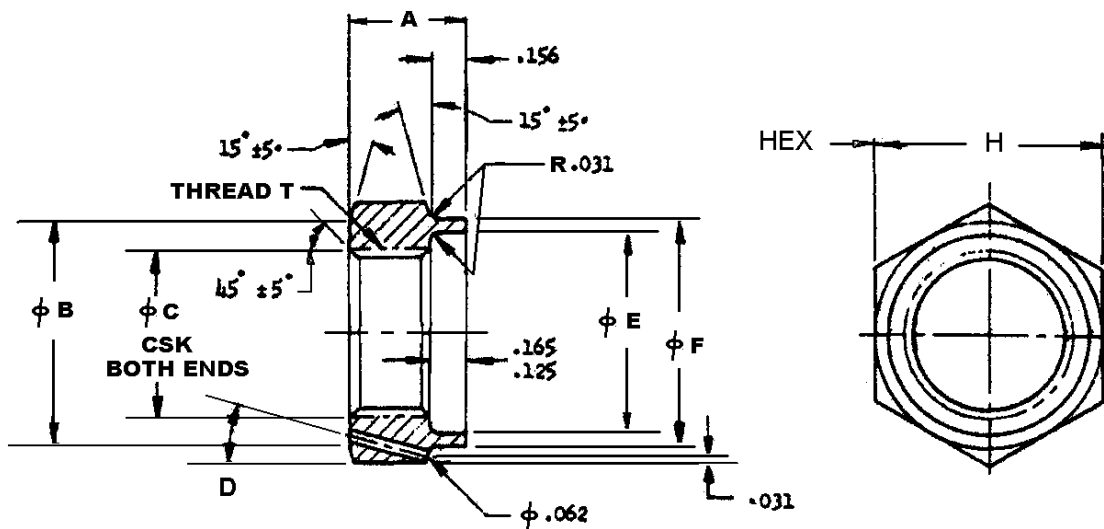


FIGURE 1 - NUT, CLUSTER FITTING, RETAINER, DIMENSIONS AND CONFIGURATION

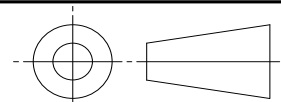
TABLE 1A - NUT, CLUSTER FITTING, RETAINER, LOW FLOW, DIMENSIONS

LOW FLOW SIZE	TUBE OD	THREAD T AS8879	A	B	C +.015 -.000	D ±2°	E	F	H	WEIGHT LB EACH APPROX
DASH NO.										
-4L	.2500	.4375-20 UNJF-3B	.406	.687	.437	14°	.562	.687	.687	.009

INACTIVE PART /15/

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS21937A>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /10/



AEROSPACE STANDARD

(R) NUT, CLUSTER FITTING, RETAINER

AS21937
SHEET 1 OF 3

REV.
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TABLE 1B - NUT, CLUSTER FITTING, RETAINER, HIGH FLOW, DIMENSIONS

HIGH FLOW SIZE DASH NO.	TUBE OD	THREAD T AS8879	A	B	C +.015 -.000	D $\pm 2^\circ$	E	F	H	WEIGHT LB EACH APPROX
-4H	.2500	.4375-20 UNJF-3B	.500	1.000	.437	13°	.875	1.000	1.000	.0290
-5H	.3125	.5000-20 UNJF-3B	.500	1.000	.500	13°	.875	1.000	1.000	.0274
-6H	.3750	.5625-18 UNJF-3B	.500	1.000	.562	13°	.875	1.000	1.000	.0257
-8H	.5000	.7500-16 UNJF-3B	.500	1.000	.750	13°	.875	1.000	1.000	.0193

NOTES:

1. MATERIALS: ALUMINUM ALLOY 7075 BAR OR FORGING SEE PROCUREMENT SPECIFICATION.
2. FINISH: SEE PROCUREMENT SPECIFICATION.
3. REMOVE BURRS AND SHARP EDGES.
4. INSTALLATION IN ACCORDANCE WITH MS21931.
5. SURFACE FINISH IN ACCORDANCE WITH ASME B46.1. UNLESS OTHERWISE SPECIFIED ALL OUTSIDE MACHINED SURFACE SHALL BE 125 μ in Ra AND ALL INSIDE SURFACE SHALL BE 250 μ in Ra.
6. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED TOLERANCES DECIMALS $\pm .010$, ANGLES $\pm .5^\circ$.
7. DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-1994.
8. PART NUMBERS:

LETTERS "L" AND "H" IN PART NUMBER INDICATE LOW FLOW AND HIGH FLOW RESPECTIVELY.

CODE "W" FOLLOWING BASIC PART NUMBER MS21937 SPECIFIES 7075 ALUMINUM ALLOY.

NO CODE LETTER FOR ALUMINUM ALLOY 2014/2024 ARE CANCELLED SUPERSEDED BY CODE "W" 7075 ALUMINUM. 2014/2024 PARTS ARE NO LONGER AVAILABLE FOR PROCUREMENT AFTER 2006.

EXAMPLES OF PART NUMBERS:

MS21937W4L - NUT, .2500 TUBING, LOW FLOW, 7075 ALUMINUM ALLOY

MS21937W6H - NUT, .3750 TUBING, HIGH FLOW, 7075 ALUMINUM ALLOY

	AEROSPACE STANDARD		AS21937 SHEET 2 OF 3	REV. A
	(R) NUT, CLUSTER FITTING, RETAINER			



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