

RATIONALE

FEDERAL SUPPLY CLASS
5310

THIS IS A NEW PART STANDARD.

AS6922 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

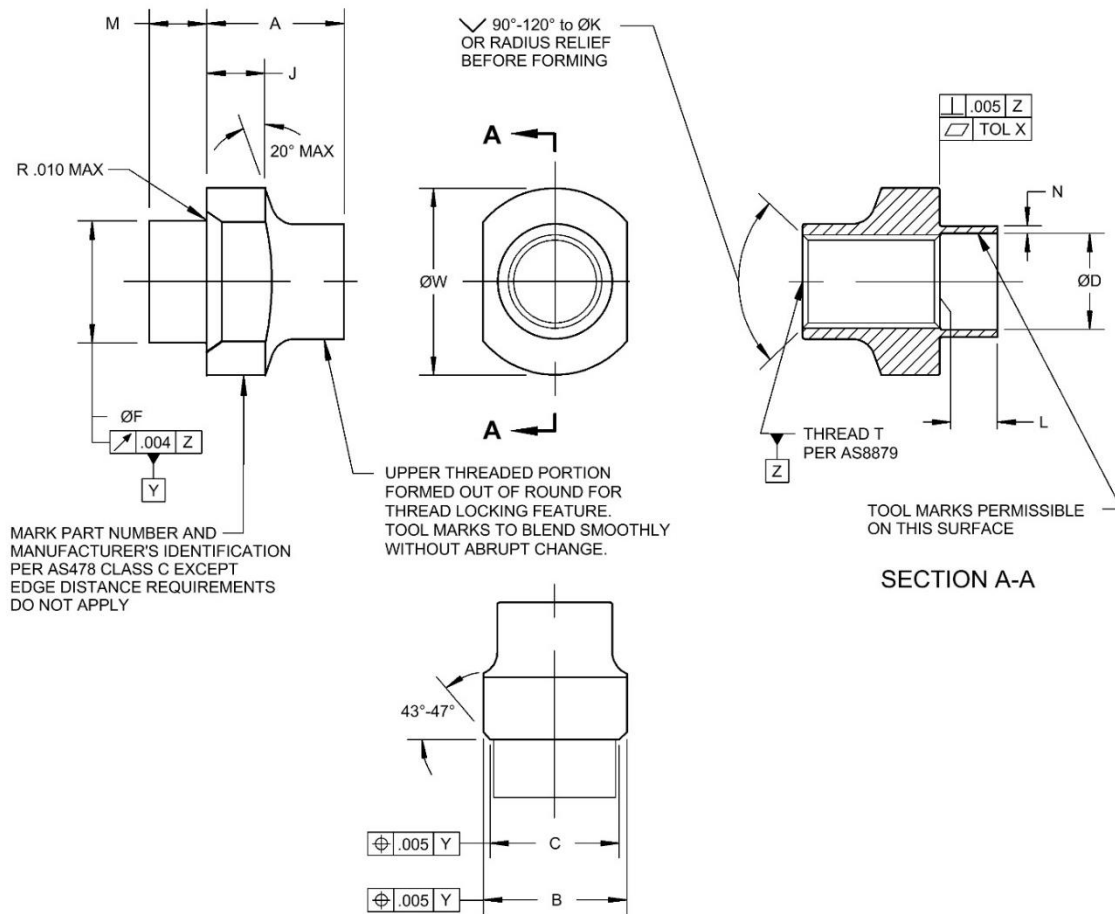


FIGURE 1 - NUT

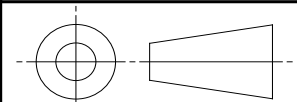
TABLE 1 - DIMENSIONS

TABLE 1A - DIMENSIONS A-W

PART NO.	THREAD T	A	B	C	ØD	ØF	ØW
		+0.005 -0.010	±0.005	±0.004	+0.003 -0.002	±0.002	±0.010
AS6922-02	.1640-36UNJF-3B	.233	.368	.259	.171	.211	.442
AS6922-03	.1900-32UNJF-3B	.257	.394	.285	.197	.237	.468
AS6922-04	.2500-28UNJF-3B	.406	.450	.371	.266	.331	.625
AS6922-05	.3125-24UNJF-3B	.468	.480	.401	.328	.394	.625
AS6922-06	.3750-24UNJF-3B	.500	.600	.475	.401	.468	.750

For more information on this standard, visit
<https://www.sae.org/standards/content/AS6922/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7253



AEROSPACE STANDARD

NUT, SELF-LOCKING, SHANK, 1400 °F,
180 KSI, NICKEL ALLOY (UNS N07001)
SILVER PLATED THREADS ONLY, UNJ THREAD

AS6922™
SHEET 1 OF 2



TABLE 1B - DIMENSIONS K-J AND APPROX MASS

PART NO.	ØK	L	M	N	X	J	APPROX MASS
	+0.020 -0.000	±.010	±.003	MIN	TOL	±.015	LB/100
AS6922-02	.164	.063	.063	.015	.0014	.070	.33
AS6922-03	.190	.066	.066	.015	.0014	.105	.52
AS6922-04	.250	.080	.080	.027	.0014	.158	1.43
AS6922-05	.312	.108	.108	.027	.0016	.190	1.67
AS6922-06	.375	.119	.119	.027	.0016	.212	2.84

NOTES

1. MATERIAL: CORROSION AND HEAT RESISTANT NICKEL ALLOY, AMS5706 OR AMS5708 (UNS N07001).
2. PROCUREMENT SPECIFICATION: AS7253.
3. HARDNESS: 32 TO 42 HRC
4. ANNEALING OF SHANK (ØF) PERMISSIBLE AT 1800 °F MAXIMUM. IF ANNEALED, HARDNESS OF ADJACENT THREAD SHALL BE 32 HRC MINIMUM.
5. FINISH: SILVER PLATE PER AMS2411 ON THREADS ONLY. THICKNESS PER AS7253. PARTIAL COVERAGE ON SHANK ID AND THREAD COUNTERSINKS IS PERMISSIBLE. DIMENSIONS ARE AFTER PLATING.
6. FLUORESCENT PENETRANT INSPECTION: PER ASTM E1417/E1417M BEFORE PLATING. ACCEPTANCE CRITERIA PER AS3071.
7. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
8. BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
9. DIMENSIONING AND TOLERANCING: ASME Y14.5M-1994.
10. DIMENSIONS ARE IN INCHES.
11. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
12. FOR PARTICULARS OF ATTACHMENT FLANGE HOLE AND ABUTMENT SHOULDER, REFER TO AS4847. FOR INSTALLATION OR REMOVAL OF SHANK NUTS, REFER TO ARP4848.
13. DO NOT USE UNASSIGNED PART NUMBERS.
14. 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.

AS AND AMS ARE SAE INTERNATIONAL PUBLICATIONS.
ASME IS AN AMERICAN SOCIETY OF MECHANICAL ENGINEERS PUBLICATION.
ASTM IS AN ASTM INTERNATIONAL PUBLICATION.

	AEROSPACE STANDARD	AS6922™ SHEET 2 OF 2 	
	NUT, SELF-LOCKING, SHANK, 1400 °F, 180 KSI, NICKEL ALLOY (UNS N07001) SILVER PLATED THREADS ONLY, UNJ THREAD		

