

REV.  
C

SAE AS21921

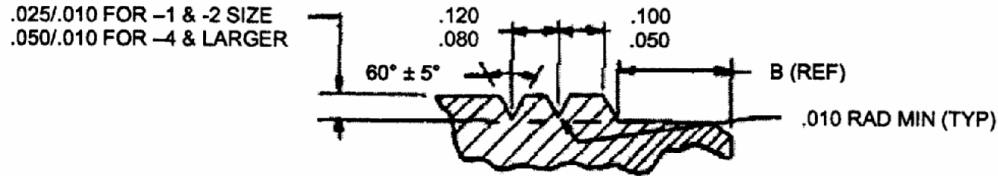
FEDERAL SUPPLY CLASS  
4730

RATIONALE

STANDARD UPDATED TO CORRECT SAE TEMPLATE TO ADD A REVISION BLOCK; EXPANDED TOLERANCES OF DIMENSION H BY INCORPORATING THE REQUIREMENTS OF ARP1201, REVISED NOTES 9 AND 10 AND GENERAL SAE UPDATING.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS21921. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.



DETAIL A (TITANIUM PARTS ONLY)

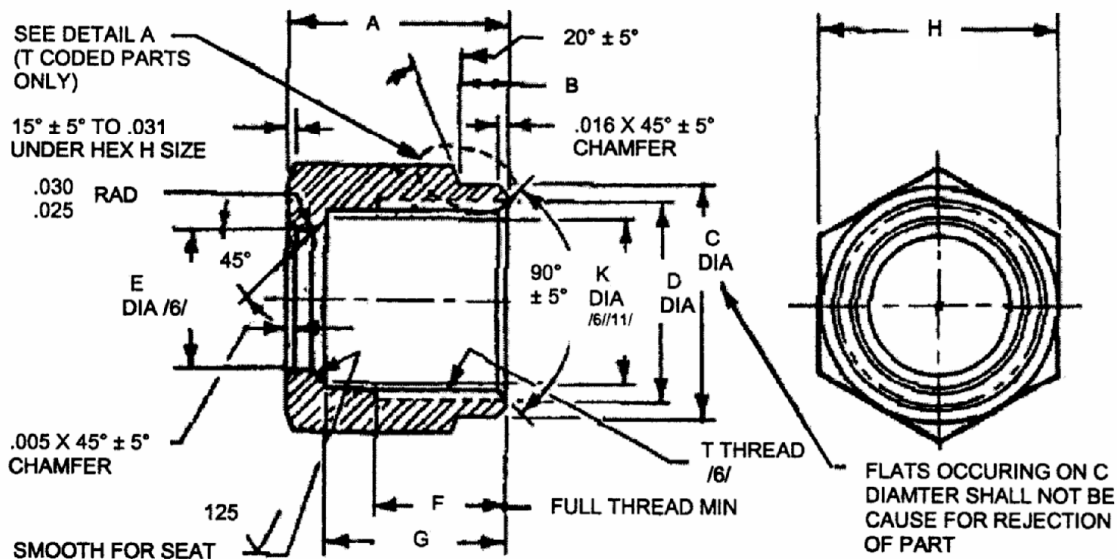
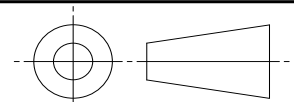


FIGURE 1 - NUT, SLEEVE COUPLING, FLARELESS

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THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /14/ AS18280

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

NUT, SLEEVE COUPLING, FLARELESS

**SAE AS21921**  
SHEET 1 OF 4

**REV. C**

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ISSUED 1998-08 REAFFIRMED 2007-07 REVISED 2010-11

TABLE 1A - DIMENSIONS A-E

DASH NO /8/	NOMINAL TUBE SIZE	T THREAD /6/ AS8879	A ±.010	B ±.010	C +.005 -.000	D ±.016	E /6/ +.005 -.000
-2	.125	.3125-24 UNJF-3B	.53	.14	.365	.328	.171
-3	.188	.3750-24 UNJF-3B	.58	.10	.427	.391	.232
-4	.250	.4375-20 UNJF-3B	.72	.18	.552	.453	.300
-5	.313	.5000-20 UNJF-3B	.76	.18	.615	.516	.366
-6	.375	.5625-18 UNJF-3B	.80	.18	.677	.578	.425
-8	.500	.7500-16 UNJF-3B	.86	.18	.865	.766	.552
-10	.625	.8750-14 UNJF-3B	.98	.22	.990	.891	.690
-12	.750	1.0625-12 UNJ-3B	1.00	.24	1.240	1.078	.826
-16	1.000	1.3125-12 UNJ-3B	1.05	.26	1.490	1.328	1.074
-20	1.250	1.6250-12 UNJ-3B	1.05	.26	1.990	1.641	1.330
-24	1.500	1.8750-12 UNJ-3B	1.03	.22	2.236	1.891	1.580
-32	2.000	2.5000-12 UNJ-3B	1.12	.22	2.865	2.562	2.080

TABLE 1B - DIMENSIONS F-K

DASH NO /8/	F MIN	G ±.010	H	K ±.010 /6/ /11/	WEIGHT, LB/EA, APPROX, REF		
					STEEL	AL ALLOY	TI ALLOY
-2	.360	.425	.365 - .377	-	.008	.003	.004
-3	.366	.429	.428 - .440	-	.010	.004	.005
-4	.431	.547	.552 - .565	-	.028	.010	.016
-5	.444	.562	.615 - .630	-	.032	.012	.018
-6	.422	.578	.678 - .691	-	.037	.014	.021
-8	.516	.609	.865 - .878	-	.070	.025	.040
-10	.578	.687	.990 - 1.003	-	.083	.031	.047
-12	.562	.687	1.238 - 1.253	-	.148	.054	.085
-16	.562	.687	1.488 - 1.505	-	.220	.078	.126
-20	.562	.678	1.988 - 2.005	1.482	.470	.181	.271
-24	.562	.678	2.234 - 2.260	1.731	.530	.250	.305
-32	.562	.687	2.859 - 2.885	2.295	.860	.413	.495

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

SEE PROCUREMENT SPECIFICATION.

ALLOY STEEL

ALUMINUM ALLOY

CORROSION RESISTANT STEEL

TITANIUM ALLOY

## 2. FINISH: SEE PROCUREMENT SPECIFICATION.

## 3. BREAK EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.

## 4. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.005, ANGLES ±0 DEGREES 30'.

 An SAE International Group	<b>AEROSPACE STANDARD</b>	<b>SAE AS21921</b> SHEET 2 OF 4	<b>REV.</b> <b>C</b>
	NUT, SLEEVE COUPLING, FLARELESS		