

USER ACTIVITIES

REVIEWER ACTIVITIES
NAVY-AS
ARMY-AV
DLA-CS

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FED. SUP CLASS 4730					
<p>(a) DIAMETER A, DIAMETER F, AND THREAD T SHALL BE CONCENTRIC WITHIN .005 TOTAL INDICATOR READING.</p> <p>MATERIAL: STEEL, ALUMINUM ALLOY; BARS OR SHAPES. CORROSION RESISTANT STEEL (CRES), TITANIUM ALLOY; BARS, OR SHAPES. SEE PROCUREMENT SPECIFICATION.</p> <p>FINISH: SEE PROCUREMENT SPECIFICATION.</p> <p>NO CODE LETTER IN PART NUMBER FOR STEEL. ADD D AFTER DASH NUMBER FOR ALUMINUM ALLOY (EXCEPT 7075-T73). ADD J AFTER DASH NUMBER FOR CRES, TYPE 304. ADD K AFTER DASH NUMBER FOR CRES, TYPE 316. ADD T AFTER DASH NUMBER FOR TITANIUM ALLOY. ADD W AFTER DASH NUMBER FOR 7075-T73 ALUMINUM ALLOY. TITANIUM IS NOT RECOMMENDED FOR USE IN OXYGEN SYSTEMS.</p> <p>EXAMPLE OF PART NUMBERS: AN817-4 - NUT, 1/4 TUBING, STEEL. AN817-4D - NUT, 1/4 TUBING, ALUMINUM ALLOY (EXCEPT 7075-T73). AN817-4J - NUT, 1/4 TUBING, CRES, TYPE 304. AN817-4K - NUT, 1/4 TUBING, CRES, TYPE 316. AN817-4T - NUT, 1/4 TUBING, TITANIUM ALLOY. AN817-4W - NUT, 1/4 TUBING, 7075-T73 ALUMINUM ALLOY.</p> <p>BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS WHICH MIGHT BECOME DISLODGED UNDER USAGE.</p> <p>DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS $\pm 1/64$, DECIMALS $\pm .005$, ANGLES $\pm 1/2$.</p> <p>FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.</p> <p>REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.</p>					
12 See sheet 1 & 2 for changes					
P. A. AIR FORCE-82 Other Cust AIR FORCE-99	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 5px;">INTERNATIONAL INTEREST</td> <td style="width: 80%; padding: 5px;"> AIR FORCE-NAVY AERONAUTICAL STANDARD NUT, TUBE COUPLING, LONG </td> </tr> <tr> <td colspan="2" style="text-align: right; padding: 5px; font-size: 2em;">AN817</td> </tr> </table>	INTERNATIONAL INTEREST	AIR FORCE-NAVY AERONAUTICAL STANDARD NUT, TUBE COUPLING, LONG	AN817	
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AN817					
PROCUREMENT SPECIFICATION MIL-F-5509	SUPERSEDES: SHEET 1 OF 2				

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DASH NO.	TUBING OD	THREAD T (MIL-S-8879)	A +.003 -.000 DIA	B	C		D +.005 -.000 DIA	E RAD	F DIA	
2	1/8	5/16-24UNJF-3B	.130	3/32	.375	+.003 -.004	.183	1/32	.2674	+.0065 -.0000
3	3/16	3/8 -24UNJF-3B	.193		.438		.246		.3299	
4	1/4	7/16-20UNJF-3B	.255		.563		.308		.3834	+.0072 -.0000
5	5/16	1/2 -20UNJF-3B	.318		.625		.371		.4459	
6	3/8	9/16-18UNJF-3B	.380		.688		.433	3/64	.5024	+.0076 -.0000
8	1/2	3/4 -16UNJF-3B	.505	1/8	.875	+.016 +.020	.558	1/16	.6823	+.0080 -.0000
10	5/8	7/8 -14UNJF-3B	.631	3/16	1.000		.694		.7977	+.0085 -.0000
12	3/4	1-1/16-12UNJ -3B	.756		1.250		.829	5/64	.9723	+.0090 -.0000
16	1	1-5/16-12UNJ -3B	1.006		1.500		1.099	3/32	1.2223	
20	1-1/4	1-5/8 -12UNJ -3B	1.260	1/4	2.000		1.353	1.5348		
24	1-1/2	1-7/8 -12UNJ -3B	1.510		2.250	1.603	7/64	1.7848		
28	1-3/4	2-1/4 -12UNJ -3B	1.762	9/32	2.625	1.875	2.1598			
32	2	2-1/2 -12UNJ -3B	2.014	5/16	2.875	2.127	2.4098			

DASH NO.	H DIA	J	L	M	N	Q	R RAD	U	V +.000 -.010 DIA
2	5/16	1/4	.282	27/32	.010	.220	1-11/32	.005	.375
3	3/8	17/64	.313	15/16		.251	1-25/32		.437
4	7/16	21/64	.375	1		.300	1-3/8		.562
5	1/2			1-1/16			1-43/64		.625
6	9/16	11/32	.385	1-3/32		.302	1-47/64	.010	.687
8	3/4	29/64	.438	1-9/32		.344	1-5/8		.875
10	7/8	33/64	.521	1-31/64		.414	2-1/16		1.000
12	1-1/16	41/64	.594	1-21/32		.469	1-47/64		1.250
16	1-5/16	47/64	.625	1-15/16		.500	2-11/16		1.500
20	1-5/8			2-3/16			2-13/32		2.000
24	1-7/8	53/64	.708	2-5/16	.015	.583	2-33/64	.015	2.250
28	2-1/4	55/64	.792	2-1/2		.667	2-21/32		2.625
32	2-1/2	59/64	.875	2-3/4		.750	3-1/32		2.875

APPROVED 13 DEC 40 REVISED (1) FOR CHANGES SEE PAGES 1 & 2.

P. A.
AIR FORCE-82
Other Cust
AIR FORCE-99INTERNATIONAL
INTEREST

AIR FORCE-NAVY AERONAUTICAL STANDARD

NUT, TUBE COUPLING, LONG

AN817

PROCUREMENT SPECIFICATION
MIL-F-5509

SUPERSEDES:

SHEET 2 OF 2

DD FORM 1 MAY 73 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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