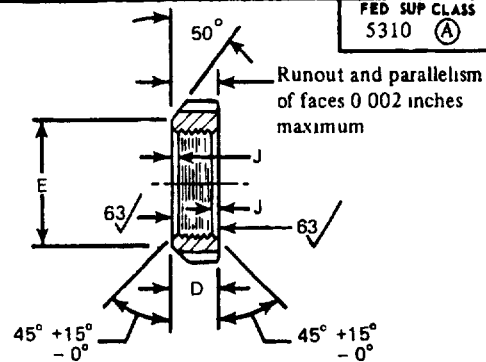
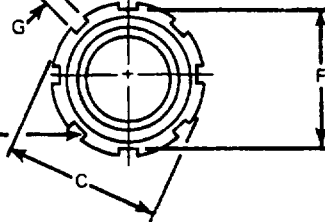


FED SUP CLASS
5310 (A)8 Equally spaced slots
located within .005 in
of true position

(A)

R
RADIUS
AT BOTTOM
OF SLOTS

Dash No	D Thickness	C OD + .005 - .015	E Face dia + .000 - .020	Ⓐ J Cham	Slot dimensions Ⓐ			No per inch	Thread data				Min major dia
					F	G	R Max		Minor dia		Pitch dia		
									Min	Max	Min	Max	
*A00	188	0.719	0.531	.031	0.594	125	.010	32	0.3572	0.3606	0.3707	0.3733	0.391
*A01	188	0.812	0.625	.031	0.688	125	.010	32	0.4352	0.4386	0.4487	0.4513	0.469
*A02	219	0.938	0.750	.031	0.812	125	.010	32	0.5522	0.5556	0.5657	0.5687	0.586
*A03	.219	1.062	0.875	.031	0.938	125	.010	32	0.6302	0.6336	0.6437	0.6467	0.664
A04	250	1.156	0.969	.031	1.031	188	.015	32	0.7472	0.7506	0.7607	0.7641	0.781
A05	250	1.375	1.188	.031	1.250	188	.015	32	0.9352	0.9386	0.9487	0.9521	0.969
A06	281	1.688	1.438	.047	1.500	188	.015	18	1.1129	1.1189	1.1369	1.1409	1.173
A07	281	1.906	1.656	.047	1.719	188	.015	18	1.3159	1.3219	1.3399	1.3439	1.376
A08	.281	2.094	1.844	.047	1.906	250	.020	18	1.5029	1.5089	1.5269	1.5314	1.563
*A09	.312	2.312	2.062	.047	2.125	250	.020	18	1.7069	1.7129	1.7309	1.7354	1.767
A10	312	2.500	2.250	.047	2.312	250	.020	18	1.9069	1.9129	1.9309	1.9354	1.967
*A11	312	2.750	2.500	.047	2.562	250	.020	18	2.0969	2.1029	2.1209	2.1260	2.157
A12	344	2.938	2.688	.047	2.750	250	.020	18	2.2999	2.3059	2.3239	2.3290	2.360
*A13	344	3.125	2.875	.047	2.937	250	.020	18	2.4879	2.4939	2.5119	2.5170	2.548
*A14	344	3.344	3.094	.047	3.156	250	.020	18	2.6909	2.6969	2.7149	2.7200	2.751
A15	375	3.688	3.375	.078	3.438	375	.025	12	2.8428	2.8518	2.8789	2.8843	2.933
*A16	375	3.906	3.594	.078	3.656	375	.025	12	3.0468	3.0558	3.0829	3.0888	3.137
*A17	375	4.125	3.812	.078	3.875	375	.025	12	3.2498	3.2588	3.2859	3.2933	3.340
*A18	375	4.312	4.000	.078	4.062	375	.025	12	3.4368	3.4458	3.4729	3.4803	3.527
*A19	406	4.531	4.219	.078	4.281	375	.025	12	3.6398	3.6488	3.6759	3.6833	3.730
A20	406	4.719	4.406	.078	4.469	375	.025	12	3.8278	3.8368	3.8639	3.8713	3.918
*A21	406	4.906	4.594	.078	4.656	500	.030	12	4.0318	4.0408	4.0679	4.0762	4.122
*A22	406	5.125	4.812	.078	4.875	500	.030	12	4.2348	4.2438	4.2709	4.2792	4.325

*Inactive for new design after 3 June 1977

For NOTES see sheet 2

(A) denotes changes

P. A. NAVY-OS ARMY-AT AIR FORCE-11	INTERNATIONAL INTEREST	TITLE NUTS, PLAIN ROUND, RETAINING BALL AND ROLLER BEARING LIGHT SERIES	MILITARY STANDARD	
			MS19067	
PROCUREMENT SPECIFICATION MIL-N-21337		SUPERSEDES	SHEET	1 OF 2

DD FORM 672-1

5310-0907

APPROVED 7 June 1961 REVISED (A) 3 June 1977

USFR ACTIVITIES Army MI
Navy SA MCUSFR ACTIVITIES Army WC MI AV
Navy AS DIA JSUSFR ACTIVITIES Army WC MI AV
Navy AS DIA JS

REVIEWER ACTIVITIES
Army - WC, MI, AV
Navy - AS
DLA-IS

USER ACTIVITIES
Army - ME
Navy - SA, MC

This military standard is approved for use by all Departments and Agencies of the Department of Defense
No restriction for all new engineering and design applications and for repetitive use shall be made from this
date 06/01/61

NOTES

FED SUP CLASS
5310 (A)

1. MATERIALS Alloy steel AISI no 8740 or 8742 in accordance with FED-STD-66
2. HARDNESS Nuts shall be hardened (oil quenched) and tempered to Rockwell R_C-26-32
3. PROTECTIVE COATING Nuts shall be phosphate coated in accordance with MIL-P-16232, Type Z, Class 2
4. THREADS Threads shall be American National form, Class NS-3B, in accordance with NBS Handbook H28 (1957)
- (A) 5. SURFACE ROUGHNESS The surface roughness shall be in accordance with ANSI B-46 1-1962
6. DIMENSIONS All dimensions are in inches Tolerances, decimals ± 0.10 , angles $\pm 2^\circ$ unless otherwise specified
7. PART NUMBER The MS part number is the MS number, plus the dash number
Example MS19067-A00
dash number
8. WASHERS See MS19069 for applicable key washers Applicable washers should have dash numbers corresponding to nut dash numbers e.g., nut size A00 should be used with washer size number A00
- (A) 9. MAGNETIC PARTICLE INSPECTION Inspection shall be in accordance with the procurement specification
10. OTHER NOTES
 - (a) For design feature purposes, this standard takes precedence over procurement documents referenced herein.
 - (b) Referenced documents shall be of the issue in effect on date of invitations for bids, or request for proposal, except that referenced adopted industry documents shall give the date of the issue adopted

APPROVED 7 Jun 1961 REVISED (A) For changes see sheets 1 and 2.

P. A. NAVY-OS Other Cust ARMY-AT AIR FORCE-11	INTERNATIONAL INTEREST	TITLE NUTS, PLAIN, ROUND, RETAINING, BALL AND ROLLER BEARING, LIGHT SERIES	MILITARY STANDARD MS19067
PROCUREMENT SPECIFICATION MIL-N-21337	SUPERSEDES	SHEET 2 OF 2	

DD FORM 672-1 COORDINATED

5310-0907