

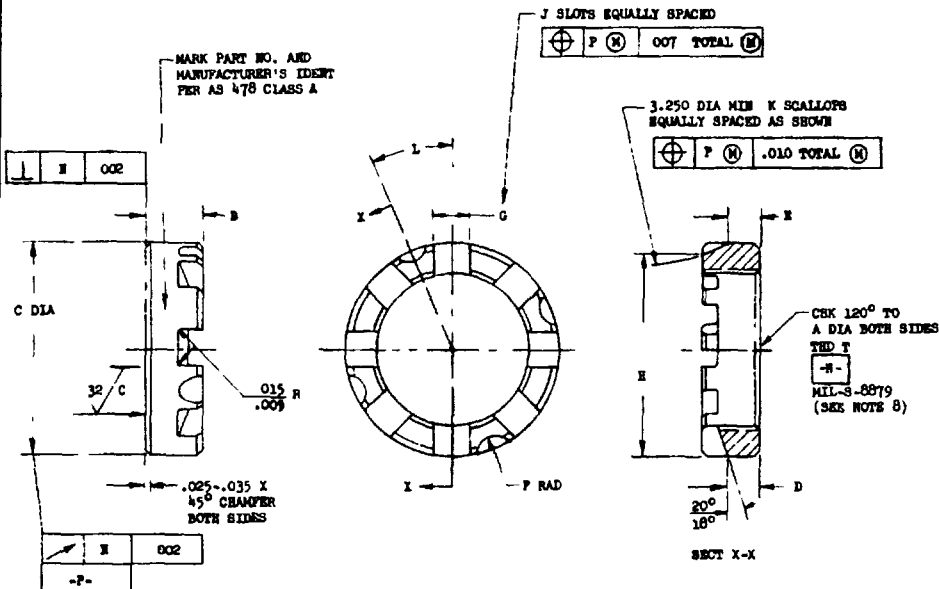
MS995IFED SUP CLASS
5310

TABLE A

THREAD DIMENSIONS FOR UNJS-3B				
DASH NO	T THREAD	MINOR DIAMETER	PITCH DIAMETER	MAJOR DIAMETER MIN
-29	2 0625-16 UNJS-3B	2.0017-2.0102	2 0219-2 0271	2.0625
-31	2.1875-16 UNJS-3B	2.1267-2 1352	2 1469-2 1521	2 1875
-33	2.3125-16 UNJS-3B	2 2517-2 2602	2 2719-2 2773	2 3125
-35	2 4375-16 UNJS-3B	2.3767-2 3852	2 3969-2 4023	2 4375
-37	2 5625-16 UNJS-3B	2 5017-2 5102	2 5219-2 5273	2 5625

- 1 MATERIAL STEEL AMS 6322 OR AMS 6323
- 2 HARDNESS ROCKWELL C26-32.
- 3 MAGNETIC PARTICLE INSPECTION PER AMS 2640
- 4 SURFACE TEXTURE USAS B46 1 1962 UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES
- 5 DIMENSIONING AND TOLERANCING USAS Y14.5-1946
- 6 BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED
- 7 DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCES LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 2^\circ$
- 8 SEE TABLE A FOR DIMENSIONS OF THREADS NOT LISTED IN MIL-S-8879
- 9 DO NOT USE UNASSIGNED PART NOS

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THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIVISION

PA Air Force - 11	TITLE NUT, SPANNER-END SLOTS, CUPWASHER LOCKED, STEEL AMS 6322 MIL-S-8879	MILITARY STANDARD
Other Cust Navy - AS		MS995I
PROCUREMENT SPECIFICATION	SUPERSEDES	SHEET 1 OF 2

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Review activities
Air Force - 82

This standard has been approved by the Department of the Air Force and the Department of the Navy (AS) and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

APPROVED 29 June 70 REVISED

MS9951

FED SUP CLASS
5310

PART NUMBER	T THREAD	A + .015 -.000	B +.000 -.015	C +.000 -.006	D + .010 -.010	E + .010 -.010	F + .010 -.010	G + .010 -.000	H + .005 -.010	J	K	L ± 1°	APPROX WEIGHT LB/100
MS9951-02	.3750-32 UNJEF-3B	.375	.300	.598	.170	.170	.094	.125	.525	4	4	45°	1.33
MS9951-03	.4375-28 UNJEF-3B	.438	.300	.748	.170	.170	.094	.125	.675	6	3	30°	2.13
MS9951-04	.5000-28 UNJEF-3B	.500	.300	.798	.170	.170	.094	.125	.725	6	3	30°	2.28
MS9951-05	.5625-24 UNJEF-3B	.562	.300	.858	.170	.170	.094	.125	.705	6	3	30°	2.42
MS9951-06	.6250-24 UNJEF-3B	.625	.300	.923	.170	.170	.094	.187	.850	6	3	30°	2.62
MS9951-07	.6875-24 UNJEF-3B	.688	.300	.998	.170	.170	.094	.187	.925	6	3	30°	3.06
MS9951-08	.7500-20 UNJEF-3B	.750	.300	1.073	.170	.170	.094	.187	1.000	6	3	30°	3.47
MS9951-09	.8125-20 UNJEF-3B	.812	.300	1.133	.170	.170	.094	.187	1.060	8	4	22° 30'	3.50
MS9951-10	.8750-20 UNJEF-3B	.875	.300	1.198	.170	.170	.094	.187	1.125	8	4	22° 30'	3.86
MS9951-11	.9375-20 UNJEF-3B	.938	.300	1.273	.170	.170	.094	.187	1.200	8	4	22° 30'	4.28
MS9951-12	1.0000-20 UNJEF-3B	1.000	.300	1.348	.170	.170	.094	.187	1.275	8	4	22° 30'	4.78
MS9951-13	1.0625-18 UNJEF-3B	1.062	.325	1.408	.185	.195	.094	.187	1.335	8	4	22° 30'	5.50
MS9951-14	1.1250-18 UNJEF-3B	1.125	.325	1.473	.185	.195	.094	.187	1.400	8	4	22° 30'	5.89
MS9951-15	1.1875-18 UNJEF-3B	1.188	.325	1.548	.185	.195	.094	.250	1.475	8	4	22° 30'	6.12
MS9951-16	1.2500-18 UNJEF-3B	1.250	.325	1.623	.185	.195	.094	.250	1.550	8	4	22° 30'	6.68
MS9951-17	1.3125-18 UNJEF-3B	1.312	.325	1.683	.185	.195	.094	.250	1.610	8	4	22° 30'	6.95
MS9951-18	1.3750-18 UNJEF-3B	1.375	.325	1.748	.185	.195	.094	.250	1.675	8	4	22° 30'	7.42
MS9951-19	1.4375-18 UNJEF-3B	1.438	.325	1.823	.185	.195	.094	.250	1.750	8	4	22° 30'	8.07
MS9951-20	1.5000-18 UNJEF-3B	1.500	.325	1.898	.185	.195	.125	.250	1.800	10	5	18°	8.44
MS9951-21	1.5625-16 UNJ -3B	1.562	.325	1.958	.185	.195	.125	.250	1.860	10	5	18°	8.68
MS9951-22	1.6250-16 UNJ -3B	1.625	.325	2.023	.185	.195	.125	.250	1.925	10	5	18°	9.28
MS9951-23	1.6875-16 UNJ -3B	1.688	.325	2.098	.175	.195	.125	.250	2.000	10	5	18°	9.58
MS9951-24	1.7500-16 UNJ -3B	1.750	.325	2.173	.175	.195	.125	.250	2.075	10	5	18°	10.38
MS9951-25	1.8125-16 UNJ -3B	1.812	.325	2.233	.175	.195	.125	.250	2.135	10	5	18°	10.76
MS9951-26	1.8750-16 UNJ -3B	1.875	.325	2.298	.175	.195	.125	.250	2.200	10	5	18°	11.32
MS9951-27	1.9375-16 UNJ -3B	1.938	.325	2.373	.175	.195	.125	.312	2.275	10	5	18°	11.42
MS9951-28	2.0000-16 UNJ -3B	2.000	.325	2.448	.175	.195	.125	.312	2.350	10	5	18°	12.22
MS9951-29	2.0625-16 UNJ -3B	2.062	.375	2.480	.210	.200	.125	.312	2.385	10	5	18°	13.78
MS9951-30	2.1250-16 UNJ -3B	2.125	.375	2.545	.210	.200	.125	.312	2.450	10	5	18°	14.29
MS9951-31	2.1875-16 UNJ -3B	2.188	.375	2.620	.210	.200	.125	.312	2.525	10	5	18°	15.20
MS9951-32	2.2500-16 UNJ -3B	2.250	.375	2.695	.210	.200	.125	.312	2.600	10	5	18°	16.30
MS9951-33	2.3125-16 UNJ -3B	2.312	.375	2.755	.210	.200	.125	.375	2.660	10	5	18°	15.90
MS9951-34	2.3750-16 UNJ -3B	2.375	.375	2.820	.210	.200	.125	.375	2.725	10	5	18°	16.42
MS9951-35	2.4375-16 UNJ -3B	2.438	.375	2.895	.210	.200	.125	.375	2.800	10	5	18°	17.52
MS9951-36	2.5000-16 UNJ -3B	2.500	.375	2.970	.210	.195	.187	.375	2.850	10	5	18°	18.50
MS9951-37	2.5625-16 UNJ -3B	2.562	.375	3.030	.210	.195	.187	.375	2.910	10	5	18°	18.90
MS9951-38	2.6250-16 UNJ -3B	2.625	.375	3.095	.210	.195	.187	.375	2.975	10	5	18°	19.60
MS9951-39	2.7500-16 UNJ -3B	2.750	.375	3.245	.205	.195	.187	.375	3.125	10	5	18°	21.60
MS9951-40	2.8750-16 UNJ -3B	2.875	.375	3.370	.205	.195	.187	.375	3.250	10	5	18°	22.72
MS9951-41	3.0000-16 UNJ -3B	3.000	.375	3.520	.205	.195	.187	.375	3.400	10	5	18°	25.10

THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIVISION

PA Air Force - II	TITLE	MILITARY STANDARD
Other Cust Navy - AS	NUT, SPANNER - END SLOTS, CUPWASHER LOCKED, STEEL AMS 6322 KIL-8-8879	MS9951
PROCUREMENT SPECIFICATION	SUPSEDES.	SHEET 2 OF 2

DD FORM 1 SEP 57 672-1 (Limited circulation)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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This standard has been approved by the Department of the Air Force and the Department of the Navy (ASAS) and is mandatory for use by all military activities. All other military activities are required to comply with this standard where suitable.

Review activities
Air Force - II

APPROVED 29 June 70
REVISED