

FED. SUP CLASS  
5306

# MS9502

MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION PER AS 478 CLASS A

MAXIMUM 2 INCOMPLETE THREADS (SEE NOTE 4)

CHAMFER .047 ± .5° APPROX

THIS SURFACE MUST BE SQUARE WITH CHAMF WITHIN .003 FIA

CHAMFER 30° TO .500 DIAMETER

SECTION THROUGH THREAD PROFILE

VIEW A ENLARGED

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
NC9502-04	.500	.063-.108	2.15	NC9502-31	2.625	1.690-1.750	6.75
NC9502-05	.562	.068-.108	2.29	NC9502-32	2.750	1.815-1.875	7.03
NC9502-06	.625	.068-.108	2.42	NC9502-33	2.875	1.940-2.000	7.30
NC9502-07	.688	.068-.108	2.56	NC9502-34	3.000	2.065-2.125	7.57
NC9502-08	.750	.068-.108	2.70	NC9502-35	3.125	2.190-2.250	7.80
NC9502-09	.812	.068-.108	2.83	NC9502-36	3.250	2.315-2.375	8.11
NC9502-10	.875	.068-.108	2.97	NC9502-37	3.375	2.440-2.500	8.38
NC9502-11	.938	.068-.108	3.10	NC9502-38	3.500	2.565-2.625	8.65
NC9502-12	1.000	.068-.125	3.24	NC9502-39	3.625	2.690-2.750	8.90
NC9502-13	1.062	.128-.150	3.37	NC9502-40	3.750	2.815-2.875	9.19
NC9502-14	1.125	.190-.250	3.51	NC9502-A1	3.875	2.940-3.000	9.46
NC9502-15	1.188	.252-.312	3.64	NC9502-A2	4.000	3.065-3.125	9.73
NC9502-16	1.250	.315-.375	3.78	NC9502-A3	4.125	3.190-3.250	10.00
NC9502-17	1.312	.378-.438	3.91	NC9502-A4	4.250	3.315-3.375	10.27
NC9502-18	1.375	.440-.500	4.05	NC9502-A5	4.375	3.440-3.500	10.54
NC9502-19	1.438	.502-.562	4.18	NC9502-A6	4.500	3.565-3.625	10.81
NC9502-20	1.500	.565-.625	4.32	NC9502-A7	4.625	3.690-3.750	11.08
NC9502-21	1.562	.628-.688	4.45	NC9502-A8	4.750	3.815-3.875	11.36
NC9502-22	1.625	.690-.750	4.59	NC9502-A9	4.875	3.940-4.000	11.63
NC9502-23	1.688	.752-.812	4.73	NC9502-50	5.000	4.065-4.125	11.90
NC9502-24	1.750	.815-.875	4.86	NC9502-51	5.125	4.190-4.250	12.17
NC9502-25	1.875	.940-1.000	5.13	NC9502-52	5.250	4.315-4.375	12.44
NC9502-26	2.000	1.065-1.125	5.40	NC9502-53	5.375	4.440-4.500	12.71
NC9502-27	2.125	1.190-1.250	5.67	NC9502-54	5.500	4.565-4.625	12.99
NC9502-28	2.250	1.315-1.375	5.94	NC9502-55	5.625	4.690-4.750	13.25
NC9502-29	2.375	1.440-1.500	6.21	NC9502-56	5.750	4.815-4.875	13.52
NC9502-30	2.500	1.565-1.625	6.48	NC9502-57	5.875	4.940-5.000	13.78
				NC9502-58	6.000	5.065-5.125	14.06
				NC9502-59	1.812	.878-.938	5.02
				NC9502-60	1.938	1.002-1.062	5.23

1. CHAMF SHALL BE STRAIGHT WITHIN .003 TOTAL PER INCH OF BOLT LENGTH.
2. THE CONCENTRICITY OF THREAD PD IN RELATION TO THE CHAMF SHALL BE WITHIN .006 FIA.
3. THE CONCENTRICITY OF THE CHAMF IN RELATION TO THE WASHER FACE DIAMETER AND CHAMFER SHALL BE WITHIN .015 FIA.
4. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AND 5731.
6. MANUFACTURING SPECIFICATION: AMS 7477.
7. FLUORESCENT PENETRANT INSPECTION PER AMS 5645.
8. SURFACE TEXTURE: USAS 844.1-1943 UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEAD.
9. BREAK CHAMF EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
10. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°.
11. DO NOT USE UNFINISHED PART NUMBERS.

AS 4 AND AMS SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.

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

PAF - 11 Other Cont AFM - 47 Navy - 45	INTERA FORMAL INTEREST ASAC AIR STD 1777	TITLE BOLT, MACHINED - HEXAGON HEAD, DRILLED, 1 HOLE, FULL CHAMF, AMS 5731, .3125-24 UNST-3A	MILITARY STANDARD <b>MS9502</b>
PROCUREMENT SPECIFICATION NONE			SHEET 1 OF 1

DD FORM 672-1 (Coordinated)

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