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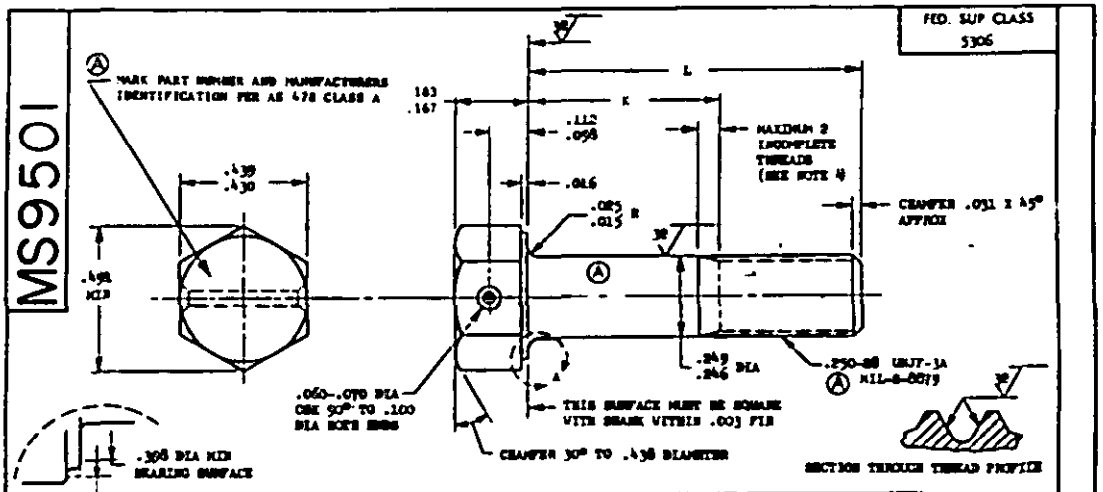
MS9501

FED. SUP CLASS 5306



PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9501-02	1.812	1.008-1.062	3.27
MS9501-03	1.934	1.128-1.186	3.44
MS9501-04	.375	.079-.099	1.30
MS9501-05	.438	.079-.099	1.38
MS9501-06	.500	.079-.099	1.47
MS9501-07	.562	.079-.099	1.55
MS9501-08	.625	.079-.099	1.64
MS9501-09	.688	.079-.099	1.73
MS9501-10	.750	.079-.099	1.82
MS9501-11	.812	.079-.099	1.90
MS9501-12	.875	.079-.125	1.98
MS9501-13	.938	.128-.188	2.07
MS9501-14	1.000	.150-.250	2.16
MS9501-15	1.062	.250-.312	2.24
MS9501-16	1.125	.315-.375	2.33
MS9501-17	1.188	.378-.438	2.41
MS9501-18	1.250	.440-.500	2.50
MS9501-19	1.312	.500-.562	2.58
MS9501-20	1.375	.565-.625	2.67
MS9501-21	1.438	.628-.688	2.76
MS9501-22	1.500	.690-.750	2.84
MS9501-23	1.562	.750-.812	2.93
MS9501-24	1.625	.815-.875	3.02
MS9501-25	1.688	.878-.938	3.10
MS9501-26	1.750	.940-1.000	3.19
MS9501-27	1.875	1.065-1.125	3.36
MS9501-28	2.000	1.190-1.250	3.53
MS9501-29	2.125	1.315-1.375	3.70
MS9501-30	2.250	1.440-1.500	3.87
MS9501-31	2.375	1.565-1.625	4.05
MS9501-32	2.500	1.690-1.750	4.22
MS9501-33	2.625	1.815-1.875	4.39
MS9501-34	2.750	1.940-2.000	4.56
MS9501-35	2.875	2.065-2.125	4.74
MS9501-36	3.000	2.190-2.250	4.91
MS9501-37	3.125	2.315-2.375	5.08
MS9501-38	3.250	2.440-2.500	5.25
MS9501-39	3.375	2.565-2.625	5.42
MS9501-40	3.500	2.690-2.750	5.60
MS9501-41	3.625	2.815-2.875	5.77
MS9501-42	3.750	2.940-3.000	5.94
MS9501-43	3.875	3.065-3.125	6.11
MS9501-44	4.000	3.190-3.250	6.28
MS9501-45	4.125	3.315-3.375	6.46
MS9501-46	4.250	3.440-3.500	6.63
MS9501-47	4.375	3.565-3.625	6.80
MS9501-48	4.500	3.690-3.750	6.97
MS9501-49	4.625	3.815-3.875	7.14
MS9501-50	4.750	3.940-4.000	7.32
MS9501-51	4.875	4.065-4.125	7.49
MS9501-52	5.000	4.190-4.250	7.66
MS9501-53	5.125	4.315-4.375	7.83
MS9501-54	5.250	4.440-4.500	8.00
MS9501-55	5.375	4.565-4.625	8.18
MS9501-56	5.500	4.690-4.750	8.35
MS9501-57	5.625	4.815-4.875	8.52
MS9501-58	5.750	4.940-5.000	8.66
MS9501-59	5.875	5.065-5.125	8.83
MS9501-60	6.000	5.190-5.250	9.00

1. SHANK SHALL BE SQUARENESS WITHIN .003 TOTAL FOR INCH OF BOLT LENGTH
2. THE CONCENTRICITY OF THREAD PD IS RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
3. THE CONCENTRICITY OF THE SHANK IS RELATION TO THE WASHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .013 FIR.
4. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MATERIALS CORROSION AND HEAT RESISTANT STEEL AMS 5731.
6. MANUFACTURING SPECIFICATION: AMS 7477.
7. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
8. SURFACE TEXTURE: MIL 846.1-1962 UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON
9. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
10. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED. TOLERANCES: LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°.
11. DO NOT USE UNASSIGNED PART NUMBERS.

(A) AS A AMS AMS SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.
(A) THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIVISION

APPROVED 5 May 1965 REVISED (A) 17 Nov 69

This military standard is approved by the Department of Defense and is mandatory on all activities. Deviation for all new engineering and design applications and for repetitive use shall be made from this document.

Review activities: Army - AC, AI Navy - AS, SH

User activities:

P.A. Air Force - 11 Other Cust Army - AT Navy - AS	INTERNATIONAL INTERAIR ASOC 412 350 17/2	TITLE (A) BOLT, MACHINED - HEXAGON HEAD, DRILLED, 1 HOLE, FULL SHANK, AMS 5731, .250-28 UNJF-3A	MILITARY STANDARD MS9501
PROCUREMENT SPECIFICATION N/A	SUPERSEDES.		SHEET 1 OF 1

DD FORM 672-1 (Coordinated)