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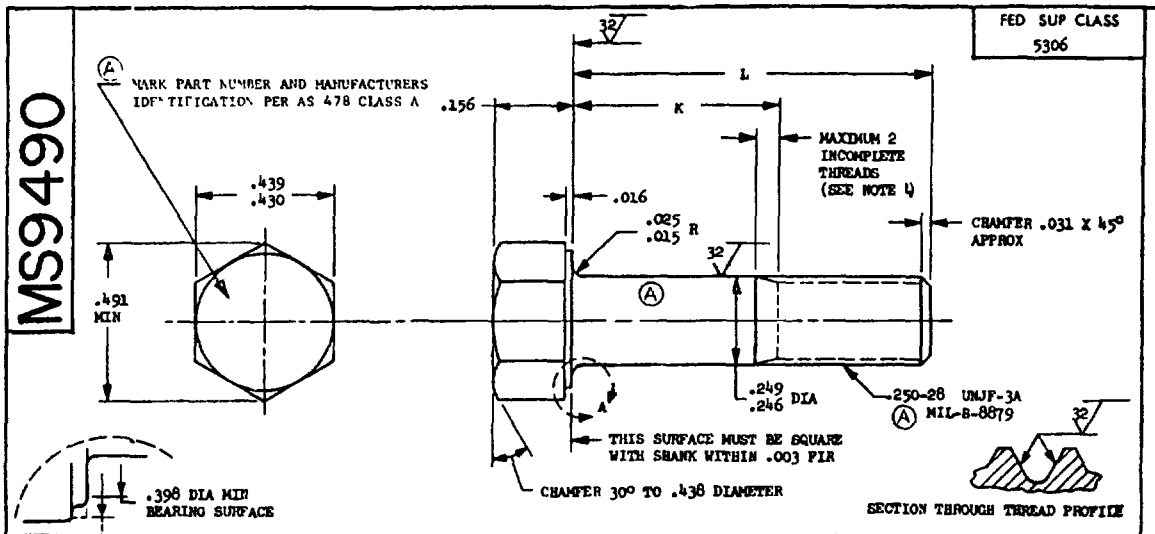
MS9490

FED SUP CLASS 5306



PART NUMBER	L	K	APPROX WEIGHT LB/100
(A) MS9490-02	1.812	1.002-1.062	3.22
(A) MS9490-03	1.938	1.128-1.188	3.39
MS9490-04	.375	.079-.099	1.25
MS9490-05	.438	.079-.099	1.33
MS9490-06	.500	.079-.099	1.42
MS9490-07	.562	.079-.099	1.50
MS9490-08	.625	.079-.099	1.59
MS9490-09	.688	.079-.099	1.68
MS9490-10	.750	.079-.099	1.76
MS9490-11	.812	.079-.099	1.85
MS9490-12	.875	.079-.125	1.93
MS9490-13	.938	.128-.188	2.02
MS9490-14	1.000	.190-.250	2.11
MS9490-15	1.062	.252-.312	2.19
MS9490-16	1.125	.315-.375	2.28
MS9490-17	1.188	.378-.438	2.36
MS9490-18	1.250	.440-.500	2.45
MS9490-19	1.312	.502-.562	2.53
MS9490-20	1.375	.565-.625	2.62
MS9490-21	1.438	.628-.688	2.71
MS9490-22	1.500	.690-.750	2.79
MS9490-23	1.562	.752-.812	2.88
MS9490-24	1.625	.815-.875	2.97
MS9490-25	1.688	.878-.938	3.05
MS9490-26	1.750	.940-1.000	3.14
MS9490-27	1.875	1.065-1.125	3.31
MS9490-28	2.000	1.190-1.250	3.48
MS9490-29	2.125	1.315-1.375	3.65
MS9490-30	2.250	1.440-1.500	3.82

PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9490-31	2.375	1.565-1.625	4.00
MS9490-32	2.500	1.690-1.750	4.17
MS9490-33	2.625	1.815-1.875	4.34
MS9490-34	2.750	1.940-2.000	4.51
MS9490-35	2.875	2.065-2.125	4.69
MS9490-36	3.000	2.190-2.250	4.86
MS9490-37	3.125	2.315-2.375	5.03
MS9490-38	3.250	2.440-2.500	5.20
MS9490-39	3.375	2.565-2.625	5.37
MS9490-40	3.500	2.690-2.750	5.55
MS9490-41	3.625	2.815-2.875	5.72
MS9490-42	3.750	2.940-3.000	5.89
MS9490-43	3.875	3.065-3.125	6.06
MS9490-44	4.000	3.190-3.250	6.23
MS9490-45	4.125	3.315-3.375	6.41
MS9490-46	4.250	3.440-3.500	6.58
MS9490-47	4.375	3.565-3.625	6.75
MS9490-48	4.500	3.690-3.750	6.92
MS9490-49	4.625	3.815-3.875	7.09
MS9490-50	4.750	3.940-4.000	7.27
MS9490-51	4.875	4.065-4.125	7.44
MS9490-52	5.000	4.190-4.250	7.61
MS9490-53	5.125	4.315-4.375	7.78
MS9490-54	5.250	4.440-4.500	7.95
MS9490-55	5.375	4.565-4.625	8.13
MS9490-56	5.500	4.690-4.750	8.30
MS9490-57	5.625	4.815-4.875	8.47
MS9490-58	5.750	4.940-5.000	8.61
MS9490-59	5.875	5.065-5.125	8.78
MS9490-60	6.000	5.190-5.250	8.95

(A) 1. SHANK SHALL BE STRAIGHT WITHIN .003 TOTAL PER INCH OF BOLT LENGTH
2. THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR
3. THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .013 FIR.
4. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MATERIAL CORROSION AND HEAT RESISTANT STEEL AMS 5731.
6. MANUFACTURING SPECIFICATION AMS 7477.
7. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
(A) 8. SURFACE TEXTURE USAS B46.1-1962 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.

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

User activities

Review activities
Army - MC, MI
USAF - 82, 85

(A) REVISED 17 Nov 69
APPROVED 5 May 1965

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

PREPARING ACTIVITY: USAF - 11 Other Cust: Army - AV, Navy - AS	INTERNATIONAL INTEREST: ASSC AIR STD 17/2	TITLE: (A) BOLT, MACHINE - HEXAGON HEAD, FULL SHANK, AMS 5731, 250-28 UNJF-3A	MILITARY STANDARD MS9490
PROCUREMENT SPECIFICATION: NONE	SUPERSEDES:		SHEET 1 OF 1

DD FORM 1 SEP 67 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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