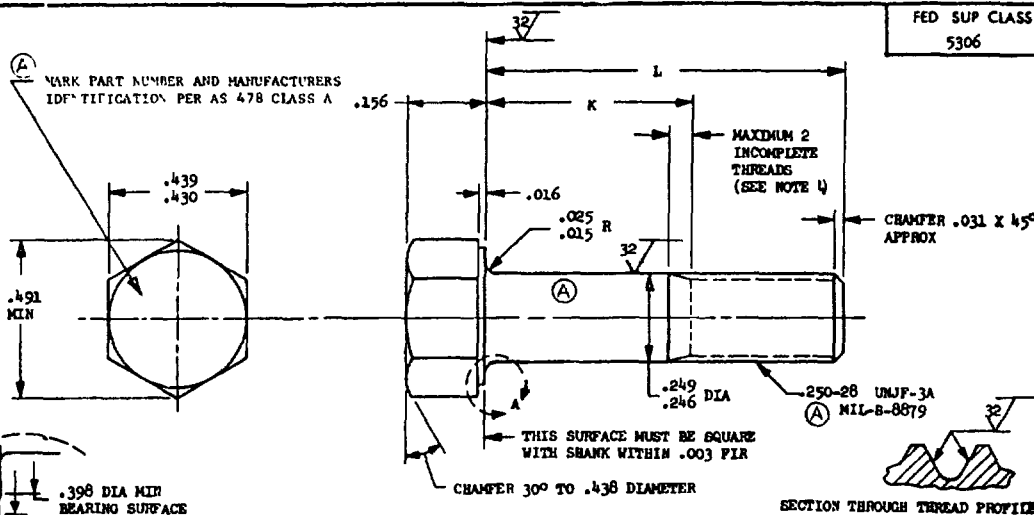


MS9490

VIEW A
ENLARGED

448
DIA
MAX

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9490-02	1.812	1.002-1.062	3.22	MS9490-31	2.375	1.565-1.625	4.00
MS9490-03	1.938	1.128-1.188	3.39	MS9490-32	2.500	1.690-1.750	4.17
MS9490-04	.375	.079-.099	1.25	MS9490-33	2.625	1.815-1.875	4.34
MS9490-05	.438	.079-.099	1.33	MS9490-34	2.750	1.940-2.000	4.51
MS9490-06	.500	.079-.099	1.42	MS9490-35	2.875	2.065-2.125	4.69
MS9490-07	.562	.079-.099	1.50	MS9490-36	3.000	2.190-2.250	4.86
MS9490-08	.625	.079-.099	1.59	MS9490-37	3.125	2.315-2.375	5.03
MS9490-09	.688	.079-.099	1.68	MS9490-38	3.250	2.440-2.500	5.20
MS9490-10	.750	.079-.099	1.76	MS9490-39	3.375	2.565-2.625	5.37
MS9490-11	.812	.079-.099	1.85	MS9490-40	3.500	2.690-2.750	5.55
MS9490-12	.875	.079-.125	1.93	MS9490-41	3.625	2.815-2.875	5.72
MS9490-13	.938	.128-.188	2.02	MS9490-42	3.750	2.940-3.000	5.89
MS9490-14	1.000	.190-.250	2.11	MS9490-43	3.875	3.065-3.125	6.06
MS9490-15	1.062	.252-.312	2.19	MS9490-44	4.000	3.190-3.250	6.23
MS9490-16	1.125	.315-.375	2.28	MS9490-45	4.125	3.315-3.375	6.41
MS9490-17	1.188	.378-.438	2.36	MS9490-46	4.250	3.440-3.500	6.58
MS9490-18	1.250	.440-.500	2.45	MS9490-47	4.375	3.565-3.625	6.75
MS9490-19	1.312	.502-.562	2.53	MS9490-48	4.500	3.690-3.750	6.92
MS9490-20	1.375	.565-.625	2.62	MS9490-49	4.625	3.815-3.875	7.09
MS9490-21	1.438	.628-.688	2.71	MS9490-50	4.750	3.940-4.000	7.27
MS9490-22	1.500	.690-.750	2.79	MS9490-51	4.875	4.065-4.125	7.44
MS9490-23	1.562	.752-.812	2.88	MS9490-52	5.000	4.190-4.250	7.61
MS9490-24	1.625	.815-.875	2.97	MS9490-53	5.125	4.315-4.375	7.78
MS9490-25	1.688	.878-.938	3.05	MS9490-54	5.250	4.440-4.500	7.95
MS9490-26	1.750	.940-1.000	3.14	MS9490-55	5.375	4.565-4.625	8.13
MS9490-27	1.875	1.065-1.125	3.31	MS9490-56	5.500	4.690-4.750	8.30
MS9490-28	2.000	1.190-1.250	3.48	MS9490-57	5.625	4.815-4.875	8.47
MS9490-29	2.125	1.315-1.375	3.65	MS9490-58	5.750	4.940-5.000	8.61
MS9490-30	2.250	1.440-1.500	3.82	MS9490-59	5.875	5.065-5.125	8.78
				MS9490-60	6.000	5.190-5.250	8.95

- SHANK SHALL BE STRAIGHT WITHIN .003 TOTAL PER INCH OF BOLT LENGTH
- THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR
- THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .013 FIR
- INCOMPLETE THREADS NOT TO ENTER FILLET
- MATERIAL CORROSION AND HEAT RESISTANT STEEL AMS 5731.
- MANUFACTURING SPECIFICATION AMS 7477.
- FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
- SURFACE TEXTURE USAS B46.1-1962 UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON
- BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.
- DO NOT USE UNASSIGNED PART NUMBERS.

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

PAF - 11 Other Cost Army - AV Navy - AS	INTERNATIONAL INTEREST ASSC AIR STD 17/2	TITLE BOLT, MACHINE - HEXAGON HEAD, FULL SHANK, AMS 5731, 250-28 UNJF-3A	MILITARY STANDARD	
			MS9490	
PROCUREMENT SPECIFICATION NONE			SHEET 1 OF 1	

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

User activities

Review activities

MI

ARMY - MC, 85

NAVY - 82, 85

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.

APPROVED 5 MAY 1965

REVISED 17 MAY 69