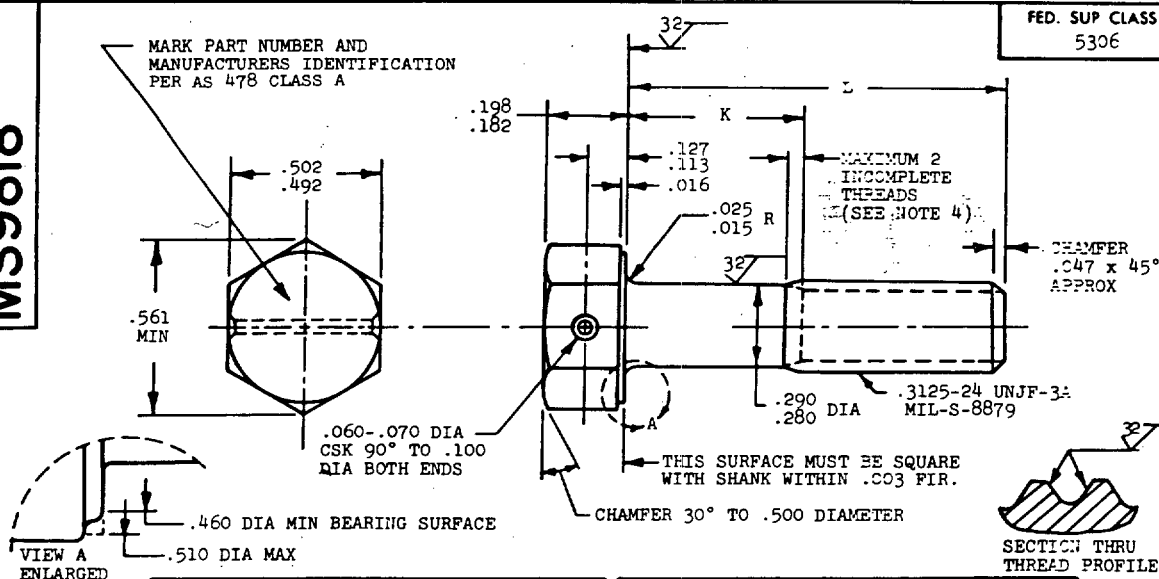


MARK PART NUMBER AND
MANUFACTURERS IDENTIFICATION
PER AS 478 CLASS A



PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9818-04	.500	.088-.108	2.11	MS9818-31	2.375	1.440-1.500	5.48
MS9818-05	.562	.088-.108	2.22	MS9818-32	2.500	1.565-1.625	5.70
MS9818-06	.625	.088-.108	2.33	MS9818-33	2.625	1.690-1.750	5.93
MS9818-07	.688	.088-.108	2.44	MS9818-34	2.750	1.815-1.875	6.15
MS9818-08	.750	.088-.108	2.55	MS9818-35	2.875	1.940-2.000	6.37
MS9818-09	.812	.088-.108	2.66	MS9818-36	3.000	2.065-2.125	6.59
MS9818-10	.875	.088-.108	2.78	MS9818-37	3.125	2.190-2.250	6.82
MS9818-11	.938	.088-.108	2.89	MS9818-38	3.250	2.315-2.375	7.05
MS9818-12	1.000	.088-.125	3.00	MS9818-39	3.375	2.440-2.500	7.27
MS9818-13	1.062	.128-.188	3.12	MS9818-40	3.500	2.565-2.625	7.50
MS9818-14	1.125	.190-.250	3.23	MS9818-41	3.625	2.690-2.750	7.72
MS9818-15	1.188	.252-.312	3.34	MS9818-42	3.750	2.815-2.875	7.95
MS9818-16	1.250	.315-.375	3.45	MS9818-43	3.875	2.940-3.000	8.17
MS9818-17	1.312	.378-.438	3.57	MS9818-44	4.000	3.065-3.125	8.40
MS9818-18	1.375	.440-.500	3.68	MS9818-45	4.125	3.190-3.250	8.63
MS9818-19	1.438	.502-.562	3.79	MS9818-46	4.250	3.315-3.375	8.84
MS9818-20	1.500	.565-.625	3.90	MS9818-47	4.375	3.440-3.500	9.07
MS9818-21	1.562	.628-.688	4.01	MS9818-48	4.500	3.565-3.625	9.29
MS9818-22	1.625	.690-.750	4.12	MS9818-49	4.625	3.690-3.750	9.52
MS9818-23	1.688	.752-.812	4.23	MS9818-50	4.750	3.815-3.875	9.74
MS9818-24	1.750	.815-.875	4.35	MS9818-51	4.875	3.940-4.000	9.97
MS9818-25	1.812	.878-.938	4.46	MS9818-52	5.000	4.065-4.125	10.20
MS9818-26	1.875	.940-1.000	4.57	MS9818-53	5.125	4.190-4.250	10.42
MS9818-27	1.938	1.002-1.062	4.68	MS9818-54	5.250	4.315-4.375	10.65
MS9818-28	2.000	1.065-1.125	4.80	MS9818-55	5.375	4.440-4.500	10.87
MS9818-29	2.125	1.190-1.250	5.02	MS9818-56	5.500	4.565-4.625	11.10
MS9818-30	2.250	1.315-1.375	5.25	MS9818-57	5.625	4.690-4.750	11.32
				MS9818-58	5.750	4.815-4.875	11.54
				MS9818-59	5.875	4.940-5.000	11.76
				MS9818-60	6.000	5.065-5.125	11.99

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 .015 FIR.
4. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MATERIAL: CORROSION RESISTANT STEEL AMS 5643.
6. HARDNESS: ROCKWELL C32-38.
7. MANUFACTURING SPECIFICATION: AMS 7474.
8. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
9. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
10. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
11. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED. TOLERANCES: LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.
12. 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 DIV.

P.A. AS Other Cust (B) AV 99	INTERNATIONAL INTEREST (B)	TITLE BOLT, MACHINE - HEXAGON HEAD, DRILLED, 1 HOLE, PD SHANK, AMS 5643, .3125-24 UNJF-3A	MILITARY STANDARD
			MS9818
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	PAGE 1 OF 1	

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