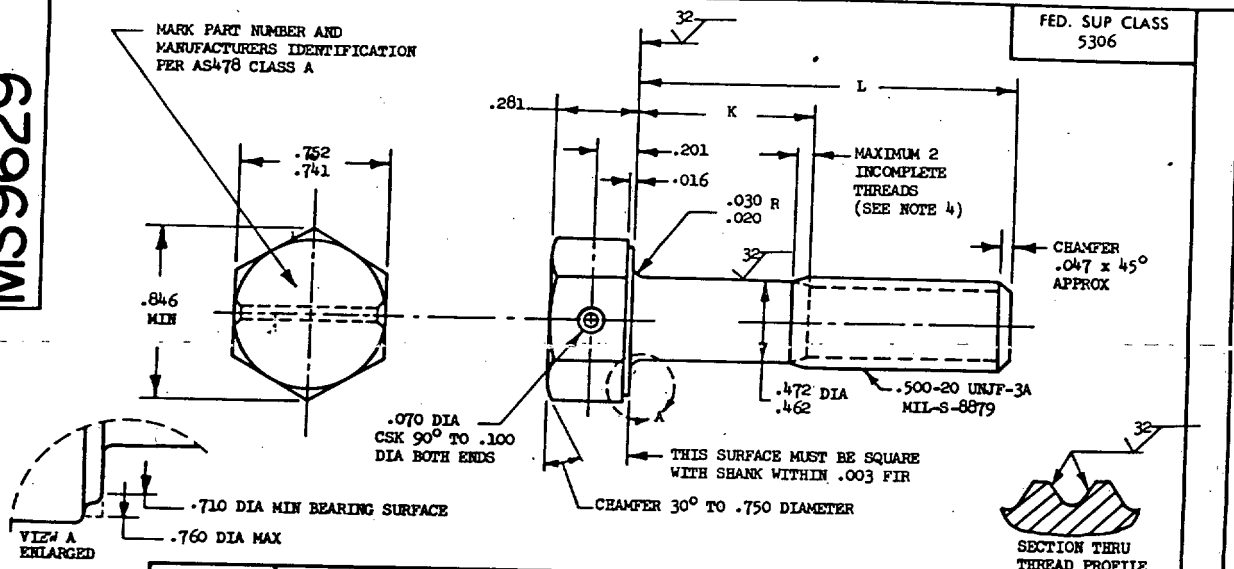


**MS9629**

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9629-03	.750	.105-.125	4.46	MS9629-31	3.000	1.690-1.750	10.63
MS9629-04	.812	.105-.125	4.63	MS9629-32	3.125	1.815-1.875	11.02
MS9629-05	.875	.105-.125	4.81	MS9629-33	3.250	1.940-2.000	11.36
MS9629-06	.938	.105-.125	4.98	MS9629-34	3.375	2.065-2.125	11.71
MS9629-07	1.000	.105-.125	5.16	MS9629-35	3.500	2.190-2.250	12.05
MS9629-08	1.062	.105-.125	5.34	MS9629-36	3.625	2.315-2.375	12.39
MS9629-09	1.125	.105-.125	5.51	MS9629-37	3.750	2.440-2.500	12.74
MS9629-10	1.188	.105-.125	5.68	MS9629-38	3.875	2.565-2.625	13.08
MS9629-11	1.250	.105-.125	5.85	MS9629-39	4.000	2.690-2.750	13.42
MS9629-12	1.312	.105-.125	6.03	MS9629-40	4.125	2.815-2.875	13.77
MS9629-13	1.375	.105-.125	6.20	MS9629-41	4.250	2.940-3.000	14.12
MS9629-14	1.438	.128-.188	6.37	MS9629-42	4.375	3.065-3.125	14.46
MS9629-15	1.500	.190-.250	6.54	MS9629-43	4.500	3.190-3.250	14.80
MS9629-16	1.562	.252-.312	6.71	MS9629-44	4.625	3.315-3.375	15.14
MS9629-17	1.625	.315-.375	6.88	MS9629-45	4.750	3.440-3.500	15.49
MS9629-18	1.688	.378-.438	7.06	MS9629-46	4.875	3.565-3.625	15.84
MS9629-19	1.750	.440-.500	7.23	MS9629-47	5.000	3.690-3.750	16.18
MS9629-20	1.812	.502-.562	7.40	MS9629-48	5.125	3.815-3.875	16.52
MS9629-21	1.875	.565-.625	7.57	MS9629-49	5.250	3.940-4.000	16.86
MS9629-22	1.938	.628-.688	7.75	MS9629-50	5.375	4.065-4.125	17.21
MS9629-23	2.000	.690-.750	7.92	MS9629-51	5.500	4.190-4.250	17.55
MS9629-24	2.125	.815-.875	8.26	MS9629-52	5.625	4.315-4.375	17.90
MS9629-25	2.250	.940-1.000	8.61	MS9629-53	5.750	4.440-4.500	18.24
MS9629-26	2.375	1.065-1.125	8.96	MS9629-54	5.875	4.565-4.625	18.58
MS9629-27	2.500	1.190-1.250	9.30	MS9629-55	6.000	4.690-4.750	18.93
MS9629-28	2.625	1.315-1.375	9.64				
MS9629-29	2.750	1.440-1.500	9.98				
MS9629-30	2.875	1.565-1.625	10.36				

- SHANK SHALL BE STRAIGHT WITHIN .002 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 .023 FIR.
- INCOMPLETE THREADS NOT TO ENTER FILLET.
- MATERIAL: TITANIUM AMS 4967.
- HARDNESS: ROCKWELL C36-42.
- MANUFACTURING SPECIFICATION: AMS 7461, EXCEPT MATERIAL AS NOTED.
- FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
- SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
- 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.

ⓑ REINSTATED AFTER 27 JUN 84

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

P.A. AS ⓑ Other Cust 99	INTERNATIONAL INTEREST ASCC AIR STD 17/2	TITLE BOLT, MACHINE - HEXAGON HEAD, DRILLED, 1 HOLE, PD SHANK, TITANIUM AMS 4967, .500-20 UNF-3A	MILITARY STANDARD <b>MS9629</b>
PROCUREMENT SPECIFICATION NONE		SUPERSEDES:	PAGE 1 OF 1