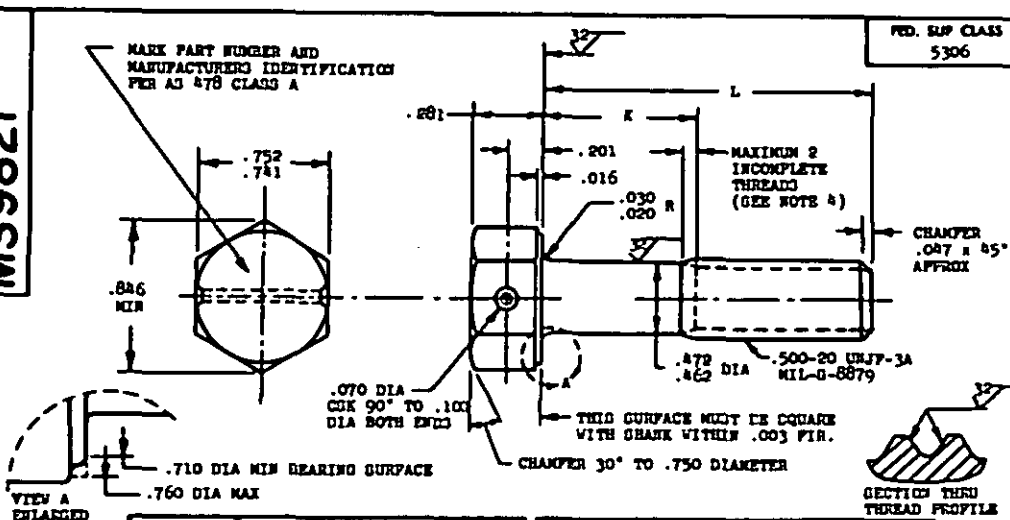


**MS9821**

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9821-03	.750	.105-.125	7.36	MS9821-31	3.000	1.690-1.750	18.19
MS9821-04	.812	.105-.125	7.66	MS9821-32	3.125	1.815-1.875	18.80
MS9821-05	.875	.105-.125	7.96	MS9821-33	3.250	1.940-2.000	19.39
MS9821-06	.938	.105-.125	8.26	MS9821-34	3.375	2.065-2.125	20.00
MS9821-07	1.000	.105-.125	8.46	MS9821-35	3.500	2.190-2.250	20.60
MS9821-08	1.062	.105-.125	8.66	MS9821-36	3.625	2.315-2.375	21.20
MS9821-09	1.125	.105-.125	9.16	MS9821-37	3.750	2.440-2.500	21.80
MS9821-10	1.188	.105-.125	9.46	MS9821-38	3.875	2.565-2.625	22.40
MS9821-11	1.250	.105-.125	9.76	MS9821-39	4.000	2.690-2.750	23.01
MS9821-12	1.312	.105-.125	10.07	MS9821-40	4.125	2.815-2.875	23.61
MS9821-13	1.375	.105-.125	10.37	MS9821-41	4.250	2.940-3.000	24.20
MS9821-14	1.438	.125-.150	10.67	MS9821-42	4.375	3.065-3.125	24.81
MS9821-15	1.500	.150-.250	10.97	MS9821-43	4.500	3.190-3.250	25.41
MS9821-16	1.562	.252-.312	11.26	MS9821-44	4.625	3.315-3.375	26.02
MS9821-17	1.625	.312-.375	11.57	MS9821-45	4.750	3.440-3.500	26.61
MS9821-18	1.688	.375-.438	11.87	MS9821-46	4.875	3.565-3.625	27.22
MS9821-19	1.750	.440-.500	12.17	MS9821-47	5.000	3.690-3.750	27.82
MS9821-20	1.812	.502-.562	12.47	MS9821-48	5.125	3.815-3.875	28.42
MS9821-21	1.875	.564-.625	12.77	MS9821-49	5.250	3.940-4.000	29.02
MS9821-22	1.938	.628-.688	13.07	MS9821-50	5.375	4.065-4.125	29.62
MS9821-23	2.000	.690-.750	13.38	MS9821-51	5.500	4.190-4.250	30.23
MS9821-24	2.125	.815-.875	13.97	MS9821-52	5.625	4.315-4.375	30.83
MS9821-25	2.250	.940-1.000	14.58	MS9821-53	5.750	4.440-4.500	31.43
MS9821-26	2.375	1.065-1.125	15.18	MS9821-54	5.875	4.565-4.625	32.03
MS9821-27	2.500	1.190-1.250	15.79	MS9821-55	6.000	4.690-4.750	32.63
MS9821-28	2.625	1.315-1.375	16.38				
MS9821-29	2.750	1.440-1.500	16.98				
MS9821-30	2.875	1.565-1.625	17.59				

- SHANK SHALL BE STRAIGHT WITHIN .002 TOTAL PER INCH OF GOLT 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 WACHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .023 FIR.
- INCOMPLETE THREADS NOT TO ENTER WILLET.
- MATERIAL: CORROSION RESISTANT STEEL AMS 5643.
- HARDNESS: ROCKWELL C32-38.
- MANUFACTURING SPECIFICATION: AMS 7474.
- FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
- SURFACE TEXTURE: UN32 B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPJET HEAD.
- BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ±.010, ANGULAR DIMENSIONS ±5°.
- DO NOT USE UNASSIGNED PART NUMBERS.

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THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE DAE AEROSPACE PART STANDARDS DIV.

P.A. USAF-11	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
Other Code ARMY-AV NAVY-A2	ASAC AIR STD 17/2	BOLT, MACHINE - HEXAGON HEAD, DRILLED, 1 HOLE, PD SHANK, AMS 5643, .500-20 UNJF-3A	<b>MS9821</b>
PROCUREMENT SPECIFICATION NONE	SUPPLEMENTS		SHEET 1 OF 1

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS SPEC AND MODS ARE