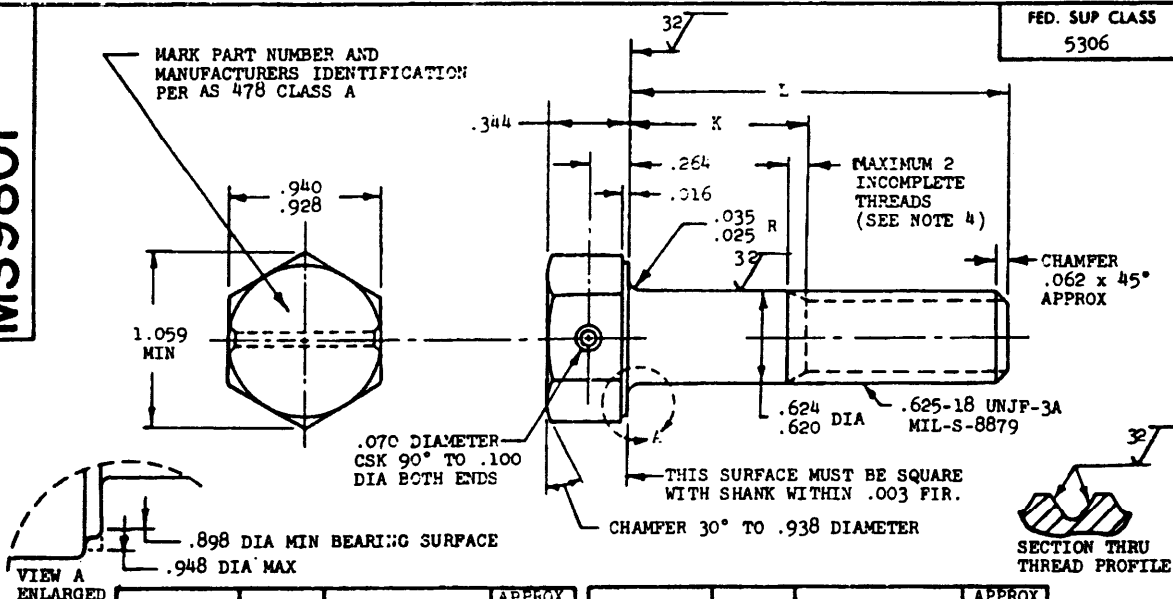


MS9801FED. SUP CLASS
5306

Review activities:
 AIR FORCE-82
 DLA-IS

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9801-15	1.688	.128-.188	21.70	MS9801-36	4.000	2.440-2.500	41.51
MS9801-16	1.750	.190-.250	22.23	MS9801-37	4.125	2.565-2.625	42.59
MS9801-17	1.812	.252-.312	22.77	MS9801-38	4.250	2.690-2.750	43.65
MS9801-18	1.875	.315-.375	23.30	MS9801-39	4.375	2.815-2.875	44.72
MS9801-19	1.938	.378-.438	23.83	MS9801-40	4.500	2.940-3.000	45.80
MS9801-20	2.000	.440-.500	24.37	MS9801-41	4.625	3.065-3.125	46.86
MS9801-21	2.125	.565-.625	25.44	MS9801-42	4.750	3.190-3.250	47.94
MS9801-22	2.250	.690-.750	26.51	MS9801-43	4.875	3.315-3.375	49.01
MS9801-23	2.375	.815-.875	27.59	MS9801-44	5.000	3.440-3.500	50.08
MS9801-24	2.500	.940-1.000	28.65	MS9801-45	5.125	3.565-3.625	51.15
MS9801-25	2.625	1.065-1.125	29.73	MS9801-46	5.250	3.690-3.750	52.23
MS9801-26	2.750	1.190-1.250	30.80	MS9801-47	5.375	3.815-3.875	53.29
MS9801-27	2.875	1.315-1.375	31.87	MS9801-48	5.500	3.940-4.000	54.37
MS9801-28	3.000	1.440-1.500	32.94	MS9801-49	5.625	4.065-4.125	55.44
MS9801-29	3.125	1.565-1.625	34.02	MS9801-50	5.750	4.190-4.250	56.51
MS9801-30	3.250	1.690-1.750	35.08	MS9801-51	5.875	4.315-4.375	57.58
MS9801-31	3.375	1.815-1.875	36.16	MS9801-52	6.000	4.440-4.500	58.66
MS9801-32	3.500	1.940-2.000	37.23				
MS9801-33	3.625	2.065-2.125	38.32				
MS9801-34	3.750	2.190-2.250	39.37				
MS9801-35	3.875	2.315-2.375	40.45				

- 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 .028 FIR.
- INCOMPLETE THREADS NOT TO ENTER FILLET.
- MATERIAL: CORROSION RESISTANT STEEL AMS 5643.
- HARDNESS: ROCKWELL C32-38.
- MANUFACTURING SPECIFICATION: AMS 7474.
- 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 15 AUG 84

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

P.A. AS Other Dist AV 99	INTERNATIONAL INTEREST (B)	TITLE BOLT, MACHINE - HEXAGON HEAD, DRILLED, 1 HOLE, FULL SHANK, AMS 5643, .625-18 UNJF-3A	MILITARY STANDARD MS9801
PROCUREMENT SPECIFICATION NONE		SUPERSEDES:	PAGE 1 OF 1