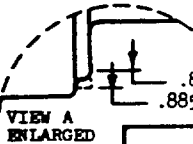
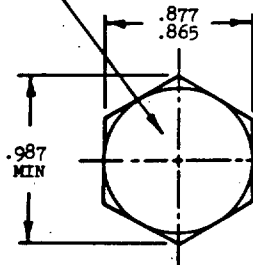
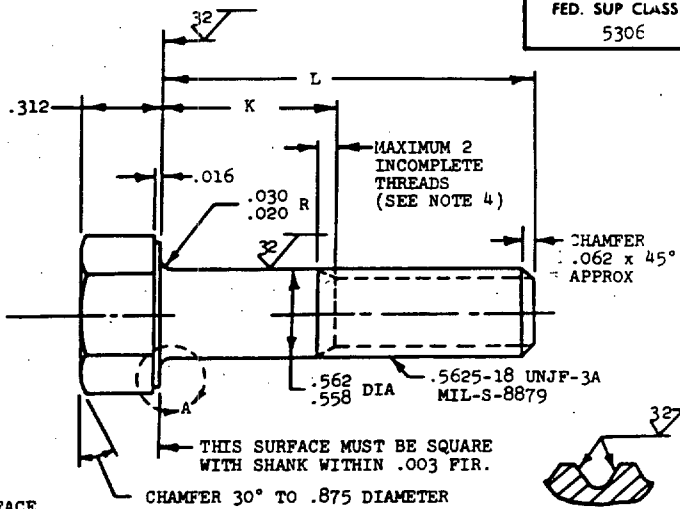


**MS9789**

MARK PART NUMBER AND  
MANUFACTURERS IDENTIFICATION  
PER AS 478 CLASS A

VIEW A  
ENLARGED

FED. SUP CLASS  
5306

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9789-15	1.562	.128-.188	16.06	MS9789-31	3.125	1.690-1.750	26.91
MS9789-16	1.625	.190-.250	16.40	MS9789-32	3.250	1.815-1.875	27.78
MS9789-17	1.688	.252-.312	16.93	MS9789-33	3.375	1.940-2.000	28.64
MS9789-18	1.750	.315-.375	17.36	MS9789-34	3.500	2.065-2.125	29.51
MS9789-19	1.812	.378-.438	17.80	MS9789-35	3.625	2.190-2.250	30.38
MS9789-20	1.875	.440-.500	18.23	MS9789-36	3.750	2.315-2.375	31.26
MS9789-21	1.938	.502-.562	18.66	MS9789-37	3.875	2.440-2.500	32.12
MS9789-22	2.000	.565-.625	19.10	MS9789-38	4.000	2.565-2.625	32.99
MS9789-23	2.125	.690-.750	19.97	MS9789-39	4.125	2.690-2.750	33.86
MS9789-24	2.250	.815-.875	20.83	MS9789-40	4.250	2.815-2.875	34.73
MS9789-25	2.375	.940-1.000	21.70	MS9789-41	4.375	2.940-3.000	35.59
MS9789-26	2.500	1.065-1.125	22.57	MS9789-42	4.500	3.065-3.125	36.46
MS9789-27	2.625	1.190-1.250	23.44	MS9789-43	4.625	3.190-3.250	37.33
MS9789-28	2.750	1.315-1.375	24.30	MS9789-44	4.750	3.315-3.375	38.20
MS9789-29	2.875	1.440-1.500	25.17	MS9789-45	4.875	3.440-3.500	39.07
MS9789-30	3.000	1.565-1.625	26.04	MS9789-46	5.000	3.565-3.625	39.93
				MS9789-47	5.125	3.690-3.750	40.80
				MS9789-48	5.250	3.815-3.875	41.67
				MS9789-49	5.375	3.940-4.000	42.54
				MS9789-50	5.500	4.065-4.125	43.40
				MS9789-51	5.625	4.190-4.250	44.27
				MS9789-52	5.750	4.315-4.375	45.14
				MS9789-53	5.875	4.440-4.500	46.01
				MS9789-54	6.000	4.565-4.625	46.87

- 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 .026 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 31 OCT 84

APPROVED 11 MAR 70 REVISED 21 DEC 83 31 OCT 84

P.A. AS Other Cust 99	INTERNATIONAL INTEREST (B)	TITLE BOLT, MACHINE - HEXAGON HEAD, FULL SHANK, AMS 5643, .5625-18 UNJF-3A	MILITARY STANDARD <b>MS9789</b>
PROCUREMENT SPECIFICATION NONE		SUPERSEDES:	PAGE 1 OF 1

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-0875

Review activities: - 82  
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.