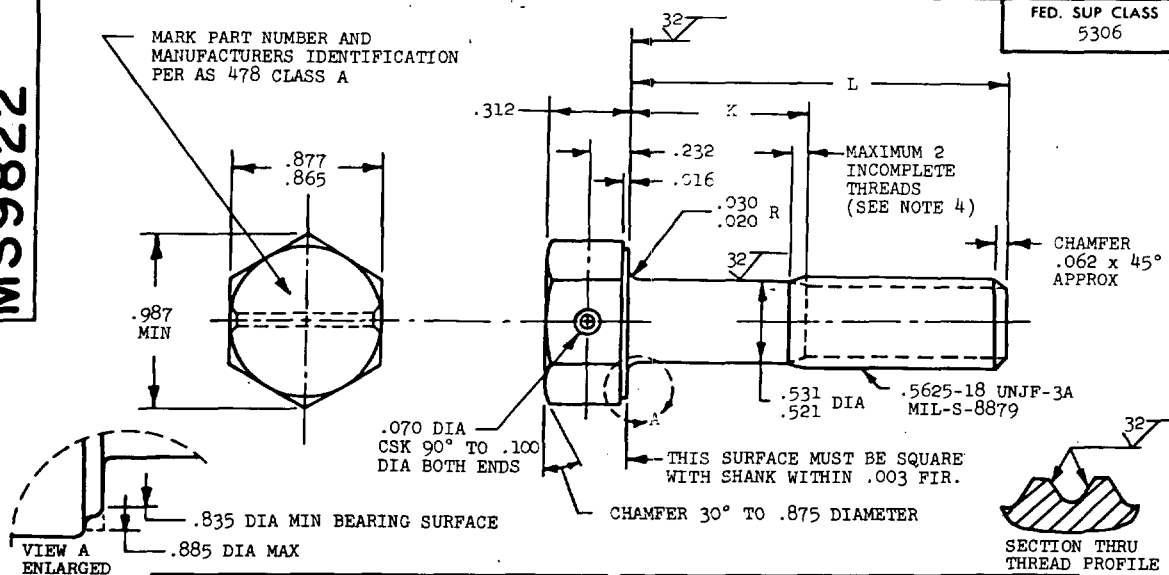


**MS9822**

MARK PART NUMBER AND  
MANUFACTURERS IDENTIFICATION  
PER AS 478 CLASS A



FED. SUP CLASS  
5306

Review activities  
AIR FORCE-82  
DLA - IS

(B)

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9822-04	.875	.113-.133	11.04	MS9822-31	3.125	1.690-1.750	24.76
MS9822-05	.938	.113-.133	11.41	MS9822-32	3.250	1.815-1.875	25.53
MS9822-06	1.000	.113-.133	11.79	MS9822-33	3.375	1.940-2.000	26.28
MS9822-07	1.062	.113-.133	12.17	MS9822-34	3.500	2.065-2.125	27.05
MS9822-08	1.125	.113-.133	12.55	MS9822-35	3.625	2.190-2.250	27.81
MS9822-09	1.188	.113-.133	12.93	MS9822-36	3.750	2.315-2.375	28.58
MS9822-10	1.250	.113-.133	13.32	MS9822-37	3.875	2.440-2.500	29.34
MS9822-11	1.312	.113-.133	13.70	MS9822-38	4.000	2.565-2.625	30.10
MS9822-12	1.375	.113-.133	14.07	MS9822-39	4.125	2.690-2.750	30.87
MS9822-13	1.438	.113-.133	14.46	MS9822-40	4.250	2.815-2.875	31.63
MS9822-14	1.500	.113-.133	14.84	MS9822-41	4.375	2.940-3.000	32.39
MS9822-15	1.562	.128-.188	15.22	MS9822-42	4.500	3.065-3.125	33.16
MS9822-16	1.625	.190-.250	15.61	MS9822-43	4.625	3.190-3.250	33.91
MS9822-17	1.688	.252-.312	15.99	MS9822-44	4.750	3.315-3.375	34.68
MS9822-18	1.750	.315-.375	16.36	MS9822-45	4.875	3.440-3.500	35.45
MS9822-19	1.812	.378-.438	16.74	MS9822-46	5.000	3.565-3.625	36.21
MS9822-20	1.875	.440-.500	17.13	MS9822-47	5.125	3.690-3.750	36.97
MS9822-21	1.938	.502-.562	17.51	MS9822-48	5.250	3.815-3.875	37.74
MS9822-22	2.000	.565-.625	17.89	MS9822-49	5.375	3.940-4.000	38.50
MS9822-23	2.125	.690-.750	18.66	MS9822-50	5.500	4.065-4.125	39.26
MS9822-24	2.250	.815-.875	19.42	MS9822-51	5.625	4.190-4.250	40.02
MS9822-25	2.375	.940-1.000	20.18	MS9822-52	5.750	4.315-4.375	40.79
MS9822-26	2.500	1.065-1.125	20.95	MS9822-53	5.875	4.440-4.500	41.55
MS9822-27	2.625	1.190-1.250	21.71	MS9822-54	6.000	4.565-4.625	42.31
MS9822-28	2.750	1.315-1.375	22.47				
MS9822-29	2.875	1.440-1.500	23.24				
MS9822-30	3.000	1.565-1.625	23.99				

- 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 MICRONS 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.

(B) REINSTATED 31 OCT 84

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.  
THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIV.

P.A. AS	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE - HEXAGON HEAD, DRILLED, 1 HOLE, PD SHANK, AMS 5643, .5625-18 UNJF-3A	MILITARY STANDARD <b>MS9822</b>
Other Cust AV 99	(B)		PAGE 1 OF 1
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:		

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.

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-0889

APPROVED 11 MAR 70 REVISED (A) 21 DEC 83 (B) 31 OCT 84