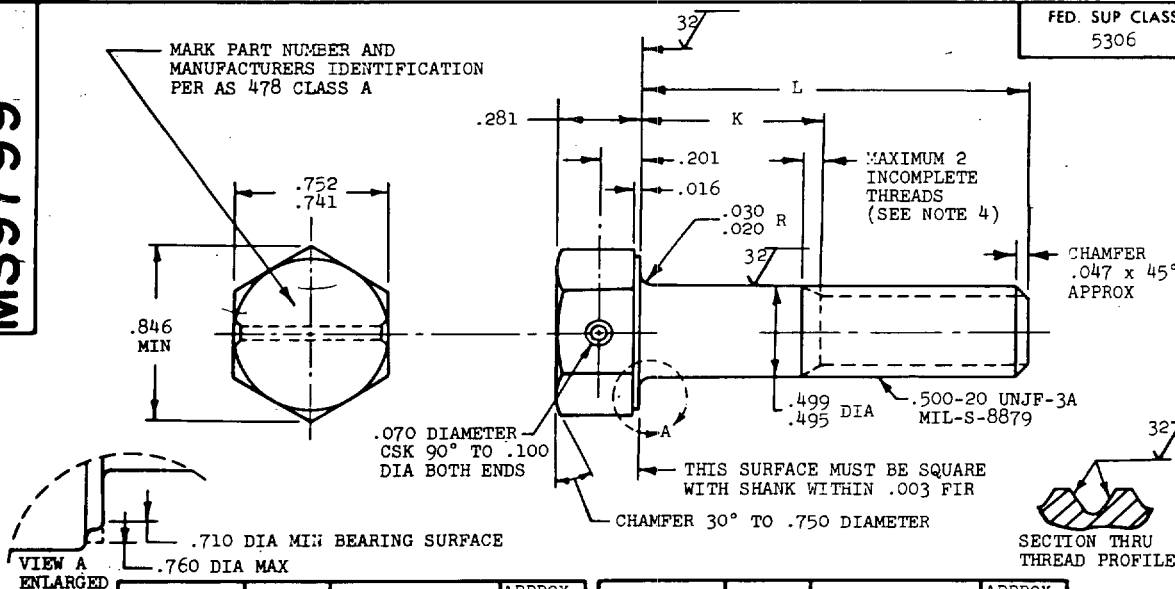


MS9799FED. SUP CLASS
5306MARK PART NUMBER AND
MANUFACTURERS IDENTIFICATION
PER AS 478 CLASS AVIEW A
ENLARGED
.710 DIA MIN BEARING SURFACE
.760 DIA MAX

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9799-14	1.438	.128-.188	11.62	MS9799-36	3.625	2.315-2.375	23.58
MS9799-15	1.500	.190-.250	11.95	MS9799-37	3.750	2.440-2.500	24.26
MS9799-16	1.562	.252-.312	12.29	MS9799-38	3.875	2.565-2.625	24.95
MS9799-17	1.625	.315-.375	12.69	MS9799-39	4.000	2.690-2.750	25.63
MS9799-18	1.688	.378-.438	12.98	MS9799-40	4.125	2.815-2.875	26.31
MS9799-19	1.750	.440-.500	13.32	MS9799-41	4.250	2.940-3.000	27.00
MS9799-20	1.812	.502-.562	13.66	MS9799-42	4.375	3.065-3.125	27.69
MS9799-21	1.875	.565-.625	14.00	MS9799-43	4.500	3.190-3.250	28.37
MS9799-22	1.938	.628-.688	14.34	MS9799-44	4.625	3.315-3.375	29.05
MS9799-23	2.000	.690-.750	14.68	MS9799-45	4.750	3.440-3.500	29.73
MS9799-24	2.125	.815-.875	15.37	MS9799-46	4.875	3.565-3.625	30.41
MS9799-25	2.250	.940-1.000	16.05	MS9799-47	5.000	3.690-3.750	31.10
MS9799-26	2.375	1.065-1.125	16.73	MS9799-48	5.125	3.815-3.875	31.78
MS9799-27	2.500	1.190-1.250	17.42	MS9799-49	5.250	3.940-4.000	32.46
MS9799-28	2.625	1.315-1.375	18.10	MS9799-50	5.375	4.065-4.125	33.15
MS9799-29	2.750	1.440-1.500	18.78	MS9799-51	5.500	4.190-4.250	33.83
MS9799-30	2.875	1.565-1.625	19.47	MS9799-52	5.625	4.315-4.375	34.52
MS9799-31	3.000	1.690-1.750	20.15	MS9799-53	5.750	4.440-4.500	35.20
MS9799-32	3.125	1.815-1.875	20.84	MS9799-54	5.875	4.565-4.625	35.88
MS9799-33	3.250	1.940-2.000	21.52	MS9799-55	6.000	4.690-4.750	36.57
MS9799-34	3.375	2.065-2.125	22.20				
MS9799-35	3.500	2.190-2.250	22.89				

- 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: 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.

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 Other Cust. AV 99	INTERNATIONAL INTEREST (B)	TITLE BOLT, MACHINE - HEXAGON HEAD, DRILLED, 1 HOLE, FULL SHANK, AMS 5643, .500-20 UNJF-3A	MILITARY STANDARD MS9799
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	PAGE 1 OF 1	

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.

APPROVED 11 MAR 70
REVISED (A) 21 DEC 85 (B) 15 AUG 84