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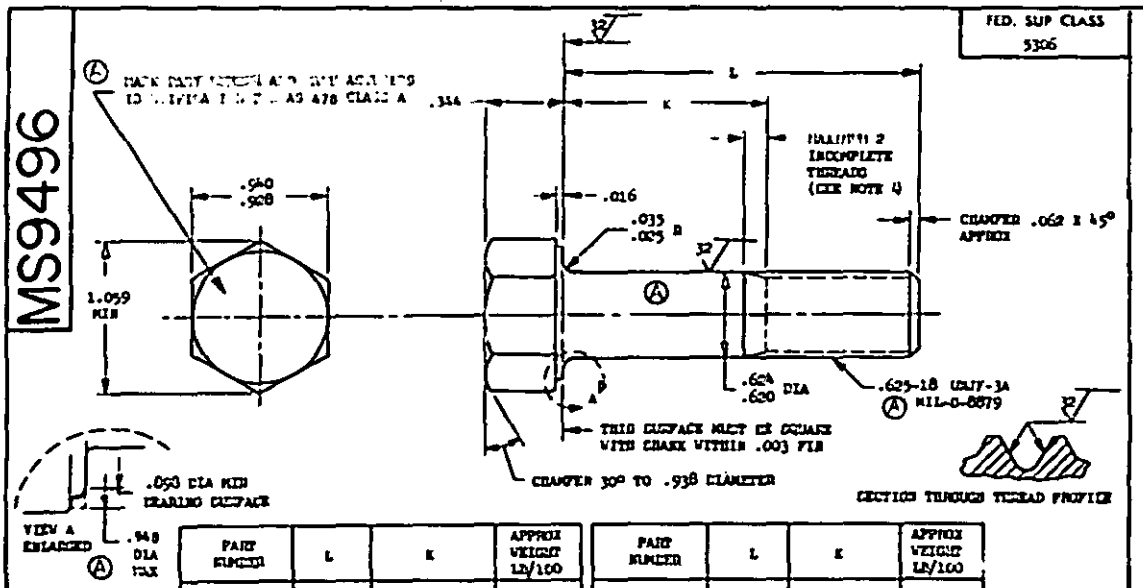
MS9496

FED. SUP CLASS 5306



PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9496-03	.938	.118-.138	15.99
MS9496-04	1.000	.118-.138	16.13
MS9496-05	1.062	.118-.138	16.67
MS9496-06	1.125	.118-.138	17.21
MS9496-07	1.188	.118-.138	17.76
MS9496-08	1.250	.118-.138	18.39
MS9496-09	1.312	.118-.138	18.84
MS9496-10	1.375	.118-.138	19.39
MS9496-11	1.438	.118-.138	19.93
MS9496-12	1.500	.118-.138	20.57
MS9496-13	1.562	.118-.138	21.01
MS9496-14	1.625	.118-.138	21.56
MS9496-15	1.688	.118-.138	22.11
MS9496-16	1.750	.190-.250	22.65
MS9496-17	1.812	.252-.312	23.19
MS9496-18	1.875	.315-.375	23.73
MS9496-19	2.000	.440-.500	24.82
MS9496-20	2.125	.565-.625	25.90
MS9496-21	2.250	.690-.750	26.99
MS9496-22	2.375	.815-.875	28.08
MS9496-23	2.500	.940-1.000	29.16
MS9496-24	2.625	1.065-1.125	30.25
MS9496-25	2.750	1.190-1.250	31.34
MS9496-26	2.875	1.315-1.375	32.42
MS9496-27	3.000	1.440-1.500	33.51
MS9496-28	3.125	1.565-1.625	34.60
MS9496-29	3.250	1.690-1.750	35.68
MS9496-30	3.375	1.815-1.875	36.77

PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9496-31	3.500	1.940-2.000	37.86
MS9496-32	3.625	2.065-2.125	38.94
MS9496-33	3.750	2.190-2.250	40.03
MS9496-34	3.875	2.315-2.375	41.12
MS9496-35	4.000	2.440-2.500	42.20
MS9496-36	4.125	2.565-2.625	43.29
MS9496-37	4.250	2.690-2.750	44.37
MS9496-38	4.375	2.815-2.875	45.46
MS9496-39	4.500	2.940-3.000	46.55
MS9496-40	4.625	3.065-3.125	47.63
MS9496-41	4.750	3.190-3.250	48.72
MS9496-42	4.875	3.315-3.375	49.81
MS9496-43	5.000	3.440-3.500	50.89
MS9496-44	5.125	3.565-3.625	51.98
MS9496-45	5.250	3.690-3.750	53.07
MS9496-46	5.375	3.815-3.875	54.15
MS9496-47	5.500	3.940-4.000	55.24
MS9496-48	5.625	4.065-4.125	56.33
MS9496-49	5.750	4.190-4.250	57.41
MS9496-50	5.875	4.315-4.375	58.50
MS9496-51	6.000	4.440-4.500	59.59
MS9496-52	1.938	.378-.438	24.28

Ⓐ 1. SHANK SHALL BE STRAIGHT WITHIN .002 TOTAL PER INCH OF BOLT LENGTH.
2. THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
3. THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .020 FIR.
4. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5731.
6. MANUFACTURING SPECIFICATION: AMS 7477.
7. FINISH PER MIL-STD-1568, TYPE I, CLASS 2(A).
Ⓐ 8. SURFACE TEXTURE: PER MIL-STD-1568 UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON
9. BREAK CHAMF EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
10. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°.
11. 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 DIVISION

APPROVED 5 May 1975 REVISED Ⓐ 17 Nov 69

This military standard is approved by the Department of Defense and is mandatory on all activities. Suggestions for all new engineering and design applications and for revisions and shall be made from this document.

User activities:

Review activities:

P.A.	INTERNATIONAL INTEREST
USAF - 11	
Other Cust	
Army - AV	ASSOC AIR STD
USAF - 85	17/2

PROCUREMENT SPECIFICATION

TITLE

Ⓐ BOLT, MACHINE - HEXAGON HEAD, FULL SHANK, AMS 5731, .625-18 UNJF-3A

SUPERSEDES:

MILITARY STANDARD

MS9496

SHEET 1 OF 1

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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