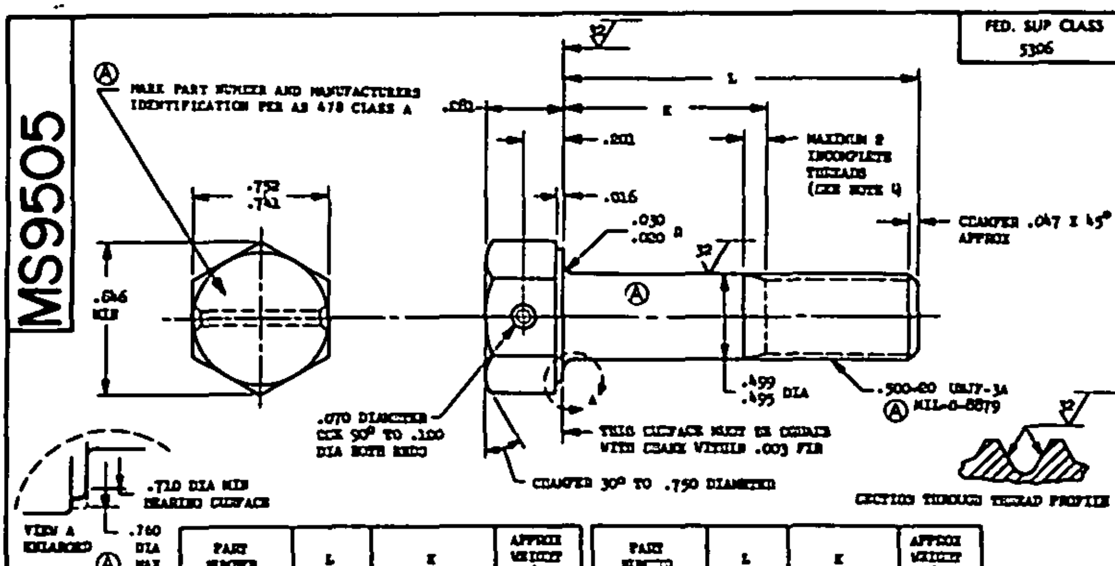
MS9505

FED. SUP CLASS 5306



PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
				MS9505-31	3.250	1.940-2.000	21.83
				MS9505-32	3.375	2.065-2.125	22.52
				MS9505-33	3.500	2.190-2.250	23.22
MS9505-04	.812	.105-.125	8.30	MS9505-34	3.625	2.315-2.375	23.91
MS9505-05	.875	.105-.125	8.65	MS9505-35	3.750	2.440-2.500	24.60
MS9505-06	.938	.105-.125	9.00	MS9505-36	3.875	2.565-2.625	25.30
MS9505-07	1.000	.105-.125	9.35	MS9505-37	4.000	2.690-2.750	25.99
MS9505-08	1.062	.105-.125	9.72	MS9505-38	4.125	2.815-2.875	26.68
MS9505-09	1.125	.105-.125	10.04	MS9505-39	4.250	2.940-3.000	27.38
MS9505-10	1.188	.105-.125	10.39	MS9505-40	4.375	3.065-3.125	28.08
MS9505-11	1.250	.105-.125	10.73	MS9505-41	4.500	3.190-3.250	28.77
MS9505-12	1.312	.105-.125	11.08	MS9505-42	4.625	3.315-3.375	29.46
MS9505-13	1.375	.105-.125	11.43	MS9505-43	4.750	3.440-3.500	30.15
MS9505-14	1.438	.128-.188	11.78	MS9505-44	4.875	3.565-3.625	30.84
MS9505-15	1.500	.190-.250	12.12	MS9505-45	5.000	3.690-3.750	31.54
MS9505-16	1.562	.252-.312	12.46	MS9505-46	5.125	3.815-3.875	32.23
MS9505-17	1.625	.315-.375	12.87	MS9505-47	5.250	3.940-4.000	32.92
MS9505-18	1.688	.378-.438	13.16	MS9505-48	5.375	4.065-4.125	33.62
MS9505-19	1.750	.440-.500	13.51	MS9505-49	5.500	4.190-4.250	34.31
MS9505-20	1.875	.565-.625	14.20	MS9505-50	5.625	4.315-4.375	35.01
MS9505-21	2.000	.690-.750	14.89	MS9505-51	5.750	4.440-4.500	35.70
MS9505-22	2.125	.815-.875	15.59	MS9505-52	5.875	4.565-4.625	36.39
MS9505-23	2.250	.940-1.000	16.28	MS9505-53	6.000	4.690-4.750	37.09
MS9505-24	2.375	1.065-1.125	16.97	MS9505-54	1.812	.502-.562	13.83 Ⓐ
MS9505-25	2.500	1.190-1.250	17.67	MS9505-55	1.938	.628-.688	14.53 Ⓐ
MS9505-26	2.625	1.315-1.375	18.36				
MS9505-27	2.750	1.440-1.500	19.05				
MS9505-28	2.875	1.565-1.625	19.75				
MS9505-29	3.000	1.690-1.750	20.44				
MS9505-30	3.125	1.815-1.875	21.14				

Ⓐ 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 .023 FIR.
4. INCOMPLETE THREADS NOT TO EXTEND FILLET.
5. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5731.
6. MANUFACTURING SPECIFICATION: AMS 7477.
7. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
Ⓐ 8. SURFACE TEXTURE: USAS B46.1-1962 UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON
9. BREAK SHARP 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

Review activities: Army - MC, MI; Navy - SI, OS

User activities:

APPROVED 5 May 1965 REVISED Ⓐ 17 Nov 69

P.A. USAF - 11 Other Cust Army - AV Navy - AS	INTERNATIONAL INTEREST ASCC AIR STD 17/7	TITLE Ⓐ BOLT, MACHINED - HEXAGON HEAD, DRILLED, 1 HOLE, FULL SHANK, AMS 5731, .500-20 UNJF-3A	MILITARY STANDARD MS9505
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:		SHEET 1 OF 1

DD FORM 1 SEP 63 672-1 (Continued)

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