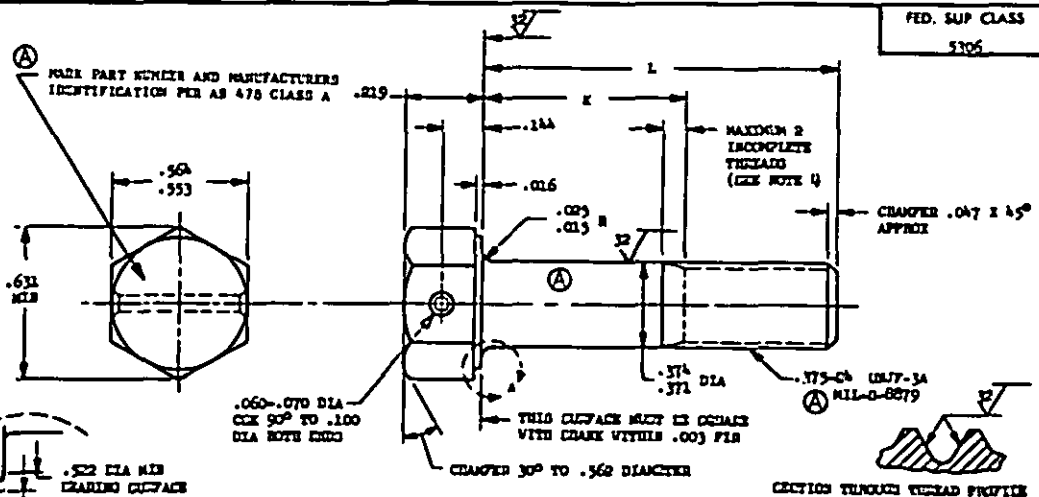


**MS9503**

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9503-04	.625	.088-.108	3.59	MS9503-31	2.875	1.815-1.875	10.60
MS9503-05	.688	.088-.108	3.79	MS9503-32	3.000	1.940-2.000	10.99
MS9503-06	.750	.088-.108	3.90	MS9503-33	3.125	2.065-2.125	11.37
MS9503-07	.812	.088-.108	4.17	MS9503-34	3.250	2.190-2.250	11.77
MS9503-08	.875	.088-.108	4.37	MS9503-35	3.375	2.315-2.375	12.16
MS9503-09	.938	.088-.108	4.57	MS9503-36	3.500	2.440-2.500	12.55
MS9503-10	1.000	.088-.108	4.76	MS9503-37	3.625	2.565-2.625	12.94
MS9503-11	1.062	.088-.108	4.95	MS9503-38	3.750	2.690-2.750	13.33
MS9503-12	1.125	.088-.125	5.15	MS9503-39	3.875	2.815-2.875	13.72
MS9503-13	1.188	.128-.168	5.34	MS9503-40	4.000	2.940-3.000	14.11
MS9503-14	1.250	.190-.250	5.53	MS9503-A1	4.125	3.065-3.125	14.50
MS9503-15	1.312	.252-.312	5.73	MS9503-A2	4.250	3.190-3.250	14.89
MS9503-16	1.375	.315-.375	5.93	MS9503-A3	4.375	3.315-3.375	15.28
MS9503-17	1.438	.378-.438	6.12	MS9503-A4	4.500	3.440-3.500	15.67
MS9503-18	1.500	.440-.500	6.32	MS9503-A5	4.625	3.565-3.625	16.06
MS9503-19	1.562	.502-.562	6.51	MS9503-A6	4.750	3.690-3.750	16.45
MS9503-20	1.625	.565-.625	6.71	MS9503-A7	4.875	3.815-3.875	16.84
MS9503-21	1.688	.628-.688	6.90	MS9503-A8	5.000	3.940-4.000	17.23
MS9503-22	1.750	.690-.750	7.10	MS9503-A9	5.125	4.065-4.125	17.62
MS9503-23	1.812	.815-.875	7.49	MS9503-A0	5.250	4.190-4.250	18.01
MS9503-24	2.000	.940-1.000	7.68	MS9503-51	5.375	4.315-4.375	18.40
MS9503-25	2.125	1.065-1.125	8.27	MS9503-52	5.500	4.440-4.500	18.79
MS9503-26	2.250	1.190-1.250	8.66	MS9503-53	5.625	4.565-4.625	19.17
MS9503-27	2.375	1.315-1.375	9.04	MS9503-54	5.750	4.690-4.750	19.56
MS9503-28	2.500	1.440-1.500	9.43	MS9503-55	5.875	4.815-4.875	19.95
MS9503-29	2.625	1.565-1.625	9.82	MS9503-56	6.000	4.940-5.000	20.34
MS9503-30	2.750	1.690-1.750	10.21	MS9503-57	1.812	.752-.812	7.30
				MS9503-58	1.938	.878-.938	7.69

- (A) 1. CHAMFERS SHALL BE STRAIGHT WITHIN .0025 TOTAL PER INCH OF BOLT LENGTH.  
2. THE CONCENTRICITY OF THREAD PD IN RELATION TO THE CHAMFER SHALL BE WITHIN .006 PER.  
3. THE CONCENTRICITY OF THE CHAMFER IN RELATION TO THE MAJOR FACE DIAMETER AND CHAMFER SHALL BE WITHIN .017 PER.  
4. INCOMPLETE THREADS NOT TO ENTER FILLET.  
5. MATERIALS: CONSIDERATION AND GREAT RESISTANT STEEL AND 5731.  
6. MANUFACTURER'S IDENTIFICATION: PER 7477.  
7. PLUMBING: PER 7477.  
8. SURFACE FINISH: UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON.  
9. CHAMFERS: UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS: .010, ANGULAR DIMENSIONS: 5°.  
10. DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED.  
11. DO NOT USE UNASSIGNED PART NUMBERS.

(A) AS A AND ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.  
(A) THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIVISION

P.A. Other Code	INTERNATIONAL STANDARD	TITLE	MILITARY STANDARD
Arg - AV Rev - A3	ASCE AIR STD 17/2	(A) BOLT, MACHINED - HEXAGON HEAD, DRILLED, 1 HOLE, FULL CHAMF, AND 5731, .375-24 UNF-3A	<b>MS9503</b>
PROCUREMENT SPECIFICATION NOTE	SUPERSEDES:		SHEET 1 OF 1

DD FORM 672-1 (Continued)

PREVIOUS EDITIONS OF THIS PAPER ARE OBSOLETE

Use activities:  
Review activities: Arg - AV, AV  
USAF - 02, 05

This military standard is approved by the Department of Defense and is mandatory on all activities. Subsequent to all new engineering and design qualifications and for negative use shall be made from this document.

REVISED (A) 17 MAY 69  
APPROVED 5 JUL 1965