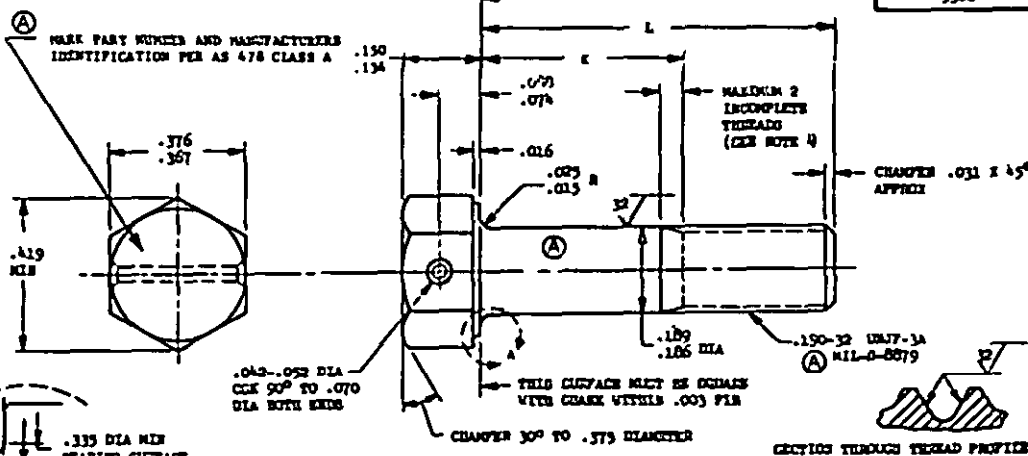


FED. SUP CLASS
5306

MS9500



Review activities: Army - AG, AF, Navy - BN, BS, USAR - BN, BS

User activities:

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9500-04	.375	.072-.092	.76	MS9500-31	2.375	1.685-1.745	2.34
MS9500-05	.438	.072-.092	.81	MS9500-32	2.500	1.810-1.870	2.44
MS9500-06	.500	.072-.092	.86	MS9500-33	2.625	1.935-1.995	2.54
MS9500-07	.562	.072-.092	.91	MS9500-34	2.750	2.060-2.120	2.64
MS9500-08	.625	.072-.092	.96	MS9500-35	2.875	2.185-2.245	2.74
MS9500-09	.688	.072-.092	1.01	MS9500-36	3.000	2.310-2.370	2.84
MS9500-10	.750	.072-.120	1.06	MS9500-37	3.125	2.435-2.495	2.94
MS9500-11	.812	.122-.182	1.11	MS9500-38	3.250	2.560-2.620	3.04
MS9500-12	.875	.182-.242	1.16	MS9500-39	3.375	2.685-2.745	3.14
MS9500-13	.938	.242-.302	1.21	MS9500-40	3.500	2.810-2.870	3.24
MS9500-14	1.000	.310-.370	1.26	MS9500-41	3.625	2.935-2.995	3.34
MS9500-15	1.062	.372-.432	1.31	MS9500-42	3.750	3.060-3.120	3.44
MS9500-16	1.125	.432-.492	1.36	MS9500-43	3.875	3.185-3.245	3.54
MS9500-17	1.188	.492-.552	1.41	MS9500-44	4.000	3.310-3.370	3.64
MS9500-18	1.250	.552-.612	1.46	MS9500-45	4.125	3.435-3.495	3.74
MS9500-19	1.312	.612-.672	1.50				
MS9500-20	1.375	.672-.732	1.55				
MS9500-21	1.438	.732-.792	1.60				
MS9500-22	1.500	.792-.852	1.65				
MS9500-23	1.562	.852-.912	1.70				
MS9500-24	1.625	.912-.972	1.75				
MS9500-25	1.688	.972-1.032	1.80				
MS9500-26	1.750	1.032-1.092	1.85				
MS9500-27	1.812	1.092-1.152	1.90				
MS9500-28	1.875	1.152-1.212	1.95				
MS9500-29	1.938	1.212-1.272	2.00				
MS9500-30	2.000	1.272-1.332	2.05				

1. CHAMFER SHALL BE STRAIGHT WITHIN .003 TOTAL PER 1/16 INCH OF BOLT LENGTH.
2. THE CONCENTRICITY OF THREAD PD IN RELATION TO THE CHAMFER SHALL BE WITHIN .006 FIB.
3. THE CONCENTRICITY OF THE CHAMFER IN RELATION TO THE WAGON FACE DIAMETER AND EXTENSION SHALL BE WITHIN .011 FIB.
4. INCOMPLETE THREADS NOT TO EXCEED FIB.
5. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AND 5731.
6. MANUFACTURING SPECIFICATION: AMS 7477.
7. PLUNGE GRIND FINISHING SPECIFICATION PER AMS 2645.
8. SURFACE TEXTURE: USAS B46.1-1962 UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON.
9. BREAK CHAMFER EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
10. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°.
11. DO NOT USE UNFINISHED PART NUMBER.

AS 6 AND AIS SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.

THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIVISION.

P.A. GROUP - 11 Other Code	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
ARMY - 49 NAVY - 43	ASOC AIR STD 17/2	A BOLT, MACHINED - HEXAGON HEAD, DRILLED, 1 HOLE, FULL CHAMFER, AND 5731, .190-32 UNJF-3A	MS9500
PROCUREMENT SPECIFICATION N-300	SUPERSEDES:		SHEET 1 OF 1

DD FORM 672-1 (Continued)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE