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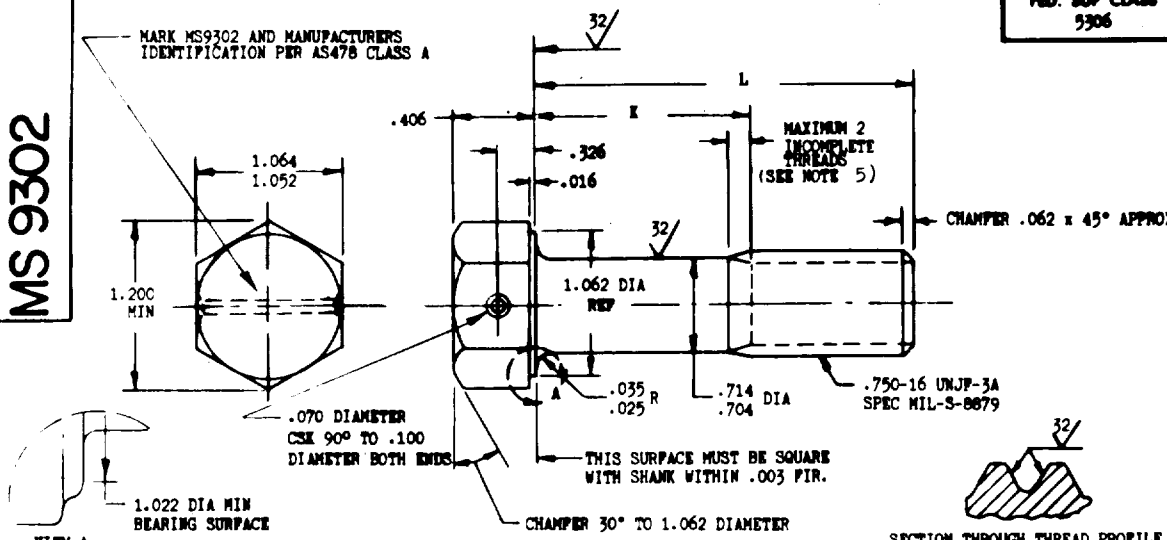
FED. SUP CLASS 5306

MS 9302



PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9302-06	1.250	.129-.149	24.93
MS9302-07	1.312	.129-.149	25.65
MS9302-08	1.375	.129-.149	26.32
MS9302-09	1.438	.129-.149	27.02
MS9302-10	1.500	.129-.149	27.71
MS9302-11	1.562	.129-.149	28.41
MS9302-12	1.625	.129-.149	29.11
MS9302-13	1.688	.129-.149	29.80
MS9302-14	1.750	.129-.149	30.50
MS9302-15	1.812	.129-.149	31.19
MS9302-16	1.875	.129-.149	31.89
MS9302-17	1.938	.129-.188	32.58
MS9302-18	2.000	.190-.250	33.28
MS9302-19	2.125	.315-.375	34.67
MS9302-20	2.250	.440-.500	36.06
MS9302-21	2.375	.565-.625	37.45
MS9302-22	2.500	.690-.750	38.84
MS9302-23	2.625	.815-.875	40.23
MS9302-24	2.750	.940-1.000	41.62
MS9302-25	2.875	1.065-1.125	43.01
MS9302-26	3.000	1.190-1.250	44.40
MS9302-27	3.125	1.315-1.375	45.79
MS9302-28	3.250	1.440-1.500	47.18
MS9302-29	3.375	1.565-1.625	48.57
MS9302-30	3.500	1.690-1.750	49.97
MS9302-31	3.625	1.815-1.875	51.36
MS9302-32	3.750	1.940-2.000	52.75
MS9302-33	3.875	2.065-2.125	54.14
MS9302-34	4.000	2.190-2.250	55.53
MS9302-35	4.125	2.315-2.375	56.92
MS9302-36	4.250	2.440-2.500	58.31
MS9302-37	4.375	2.565-2.625	59.70
MS9302-38	4.500	2.690-2.750	61.09
MS9302-39	4.625	2.815-2.875	62.48
MS9302-40	4.750	2.940-3.000	63.87
MS9302-41	4.875	3.065-3.125	65.26
MS9302-42	5.000	3.190-3.250	66.65
MS9302-43	5.125	3.315-3.375	68.04
MS9302-44	5.250	3.440-3.500	69.43
MS9302-45	5.375	3.565-3.625	70.82
MS9302-46	5.500	3.690-3.750	72.22
MS9302-47	5.625	3.815-3.875	73.61
MS9302-48	5.750	3.940-4.000	75.00
MS9302-49	5.875	4.065-4.125	76.39
MS9302-50	6.000	4.190-4.250	77.78

1. HEAD TO SHANK FILLET SHALL BE COLD ROLLED AFTER HEAT TREATMENT TO REMOVE ALL VISUAL EVIDENCE OF GRINDING OR TOOL MARKS.
2. SHANK SHALL BE STRAIGHT WITHIN .002 PER INCH OF BOLT LENGTH.
3. THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
4. THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .032 FIR.
5. INCOMPLETE THREADS NOT TO ENTER FILLET.
6. MATERIAL: STEEL AMS 6322.
7. HARDNESS: ROCKWELL C26-32.
8. FINISH: BLACK OXIDE TREATMENT AMS 2485.
9. MANUFACTURING SPECIFICATION: AMS 7482 EXCEPT HEAD MUST BE UPSET.
10. MAGNETIC PARTICLE INSPECTION PER AMS 2640.
11. SURFACE ROUGHNESS: AS 291. UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON.
12. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
13. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ±.010, ANGULAR DIMENSIONS ± °.
14. DO NOT USE UNASSIGNED PART NUMBERS.

(A) **INACTIVE FOR DESIGN AFTER 26 OCTOBER 1972.**
NO SUPERSEDING STANDARD.

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.
THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE.

APPROVED 24 Sept 65 REVISED (A) 26 Oct 72

Review activities: USAF - 11 Navy - AS

This st... was approved by the Department of the Air Force (11) and the Navy and is mandatory for use by the Department of the ... activity. All other military activities are required to employ this standard where suitable.

P.A. USAF - 11 Other Cust Navy - AS	TITLE BOLT, MACHINE-STEEL AMS 6322, BLACK OXIDE, DRILLED, 1 HOLE, HEXAGON HEAD, .750-16 UNJF-3A	MILITARY STANDARD MS9302
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 E-25-144 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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