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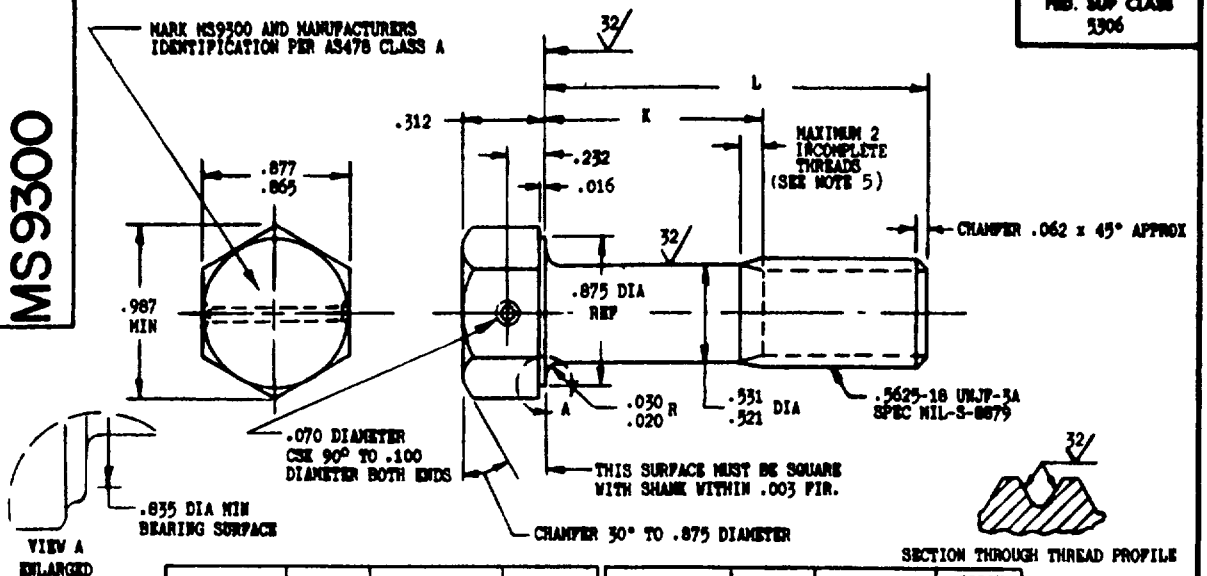
MS9300

FSC 5306



PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9300-04	.875	.113-.133	11.08
MS9300-05	.938	.113-.133	11.46
MS9300-06	1.000	.113-.133	11.84
MS9300-07	1.062	.113-.133	12.22
MS9300-08	1.125	.113-.133	12.60
MS9300-09	1.188	.113-.133	12.98
MS9300-10	1.250	.113-.133	13.37
MS9300-11	1.312	.113-.133	13.75
MS9300-12	1.375	.113-.133	14.13
MS9300-13	1.438	.113-.133	14.52
MS9300-14	1.500	.113-.133	14.90
MS9300-15	1.562	.128-.188	15.28
MS9300-16	1.625	.190-.250	15.67
MS9300-17	1.688	.252-.312	16.05
MS9300-18	1.750	.315-.375	16.43
MS9300-19	1.812	.378-.438	16.81
MS9300-20	1.875	.440-.500	17.20
MS9300-21	2.000	.565-.625	17.96
MS9300-22	2.125	.690-.750	18.73
MS9300-23	2.250	.815-.875	19.50
MS9300-24	2.375	.940-1.000	20.28
MS9300-25	2.500	1.065-1.125	21.03
MS9300-26	2.625	1.190-1.250	21.80
MS9300-27	2.750	1.315-1.375	22.56
MS9300-28	2.875	1.440-1.500	23.33
MS9300-29	3.000	1.565-1.625	24.09
MS9300-30	3.125	1.690-1.750	24.86

PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9300-31	3.250	1.815-1.875	25.62
MS9300-32	3.375	1.940-2.000	26.38
MS9300-33	3.500	2.065-2.125	27.16
MS9300-34	3.625	2.190-2.250	27.92
MS9300-35	3.750	2.315-2.375	28.69
MS9300-36	3.875	2.440-2.500	29.46
MS9300-37	4.000	2.565-2.625	30.22
MS9300-38	4.125	2.690-2.750	30.98
MS9300-39	4.250	2.815-2.875	31.76
MS9300-40	4.375	2.940-3.000	32.52
MS9300-41	4.500	3.065-3.125	33.29
MS9300-42	4.625	3.190-3.250	34.05
MS9300-43	4.750	3.315-3.375	34.82
MS9300-44	4.875	3.440-3.500	35.59
MS9300-45	5.000	3.565-3.625	36.35
MS9300-46	5.125	3.690-3.750	37.12
MS9300-47	5.250	3.815-3.875	37.88
MS9300-48	5.375	3.940-4.000	38.65
MS9300-49	5.500	4.065-4.125	39.42
MS9300-50	5.625	4.190-4.250	40.18
MS9300-51	5.750	4.315-4.375	40.95
MS9300-52	5.875	4.440-4.500	41.71
MS9300-53	6.000	4.565-4.625	42.48

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 .026 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 7452 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 ±1°.
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.

Review activities: USAF - 11 Navy - AS

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

Approved 24 Sept 65 REVISED (A) 26 Oct 72

P.A. USAF - 11 Other Cust Navy - AS	TITLE BOLT, MACHINE-STEEL AMS 6322, BLACK OXIDE, DRILLED, 1 HOLE, HEXAGON HEAD, .5625-18 UNJF-3A	MILITARY STANDARD MS 9300
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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