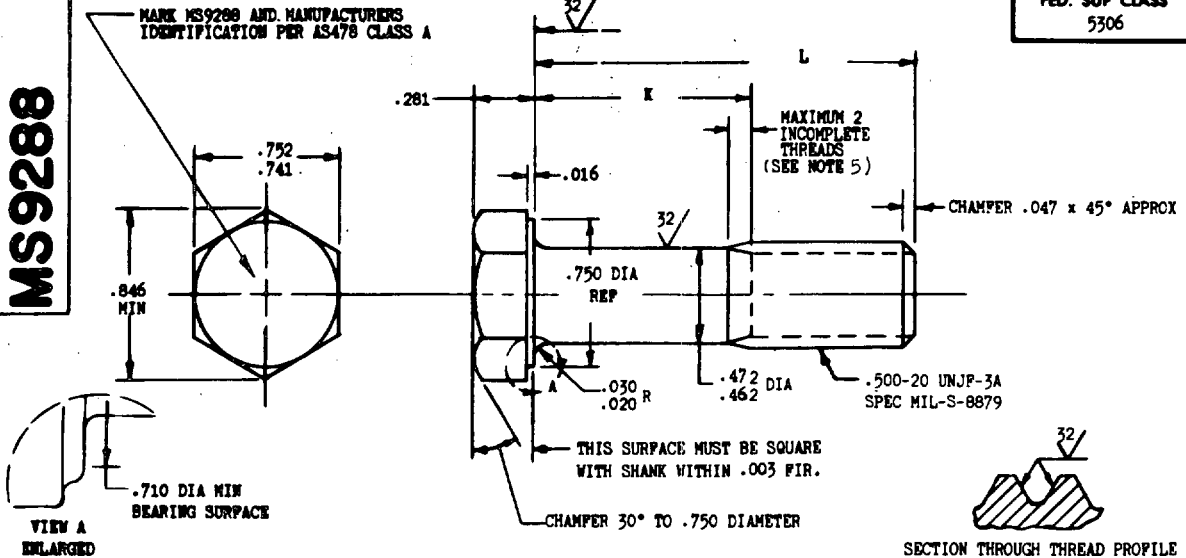


MS9288MARK MS9288 AND MANUFACTURERS
IDENTIFICATION PER AS478 CLASS AFED. SUP CLASS
5306

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9288-04	.812	.105-.125	7.77	MS9288-31	3.250	1.940-2.000	19.55
MS9288-05	.875	.105-.125	8.07	MS9288-32	3.375	2.065-2.125	20.16
MS9288-06	.938	.105-.125	8.37	MS9288-33	3.500	2.190-2.250	20.76
MS9288-07	1.000	.105-.125	8.67	MS9288-34	3.625	2.315-2.375	21.36
MS9288-08	1.062	.105-.125	8.98	MS9288-35	3.750	2.440-2.500	21.97
MS9288-09	1.125	.105-.125	9.28	MS9288-36	3.875	2.565-2.625	22.57
MS9288-10	1.188	.105-.125	9.58	MS9288-37	4.000	2.690-2.750	23.18
MS9288-11	1.250	.105-.125	9.88	MS9288-38	4.125	2.815-2.875	23.78
MS9288-12	1.312	.105-.125	10.19	MS9288-39	4.250	2.940-3.000	24.38
MS9288-13	1.375	.105-.125	10.49	MS9288-40	4.375	3.065-3.125	24.99
MS9288-14	1.438	.128-.188	10.79	MS9288-41	4.500	3.190-3.250	25.59
MS9288-15	1.500	.190-.250	11.09	MS9288-42	4.625	3.315-3.375	26.20
MS9288-16	1.562	.252-.312	11.39	MS9288-43	4.750	3.440-3.500	26.80
MS9288-17	1.625	.315-.375	11.70	MS9288-44	4.875	3.565-3.625	27.41
MS9288-18	1.688	.378-.438	12.00	MS9288-45	5.000	3.690-3.750	28.01
MS9288-19	1.750	.440-.500	12.30	MS9288-46	5.125	3.815-3.875	28.61
MS9288-20	1.875	.565-.625	12.90	MS9288-47	5.250	3.940-4.000	29.22
MS9288-21	2.000	.690-.750	13.51	MS9288-48	5.375	4.065-4.125	29.82
MS9288-22	2.125	.815-.875	14.11	MS9288-49	5.500	4.190-4.250	30.43
MS9288-23	2.250	.940-1.000	14.72	MS9288-50	5.625	4.315-4.375	31.03
MS9288-24	2.375	1.065-1.125	15.32	MS9288-51	5.750	4.440-4.500	31.64
MS9288-25	2.500	1.190-1.250	15.93	MS9288-52	5.875	4.565-4.625	32.24
MS9288-26	2.625	1.315-1.375	16.53	MS9288-53	6.000	4.690-4.750	32.84
MS9288-27	2.750	1.440-1.500	17.13				
MS9288-28	2.875	1.565-1.625	17.74				
MS9288-29	3.000	1.690-1.750	18.34				
MS9288-30	3.125	1.815-1.875	18.95				

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

- HEAD TO SHANK FILLET SHALL BE COLD ROLLED AFTER HEAT TREATMENT TO REMOVE ALL VISUAL EVIDENCE OF GRINDING OR TOOL MARKS.
- SHANK SHALL BE STRAIGHT WITHIN .002 PER INCH OF BOLT LENGTH.
- THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
- THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .023 FIR.
- INCOMPLETE THREADS NOT TO ENTER FILLET.
- MATERIAL: STEEL AMS 6322.
- HARDNESS: ROCKWELL C26-32.
- FINISH: BLACK OXIDE TREATMENT AMS 2495.
- MANUFACTURING SPECIFICATION: AMS 7452 EXCEPT HEAD MUST BE UPSET.
- MAGNETIC PARTICLE INSPECTION PER AMS 2640.
- SURFACE ROUGHNESS: AS 291. UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON.
- BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.
- DO NOT USE UNASSIGNED PART NUMBERS.

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.

P.A. USAF - 11	TITLE	MILITARY STANDARD
Other Cost	BOLT, MACHINE-STEEL AMS 6322, BLACK OXIDE, HEXAGON HEAD, .500-20 UNJF-3A	MS9288
NAVY - AS		
PROCUREMENT SPECIFICATION	SUPERSEDES.	SHEET 1 OF 1

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

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

☆ U.S. GOVERNMENT PRINTING OFFICE: 1981 - 703-023/6976

Review activities:
 USAF - 11
 Navy - AS

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