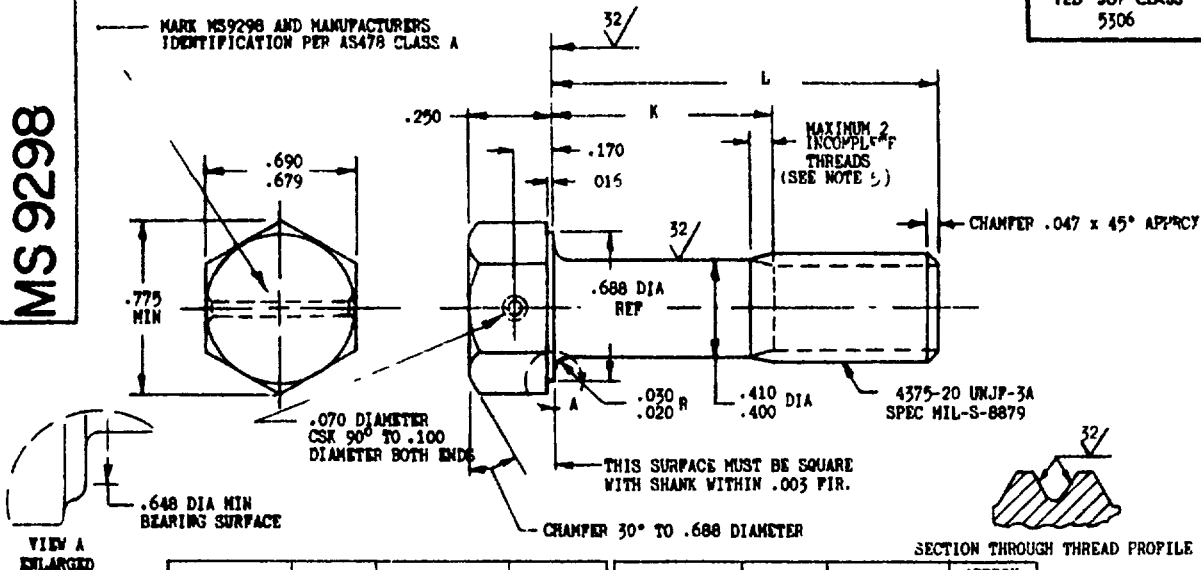


MS 9298

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9298-04	.688	.105-.125	5.70	MS9298-31	3.000	1.815-1.875	14.12
MS9298-05	.750	.105-.125	5.93	MS9298-32	3.125	1.940-2.000	14.57
MS9298-06	.812	.105-.125	6.16	MS9298-33	3.250	2.065-2.125	15.03
MS9298-07	.875	.105-.125	6.39	MS9298-34	3.375	2.190-2.250	15.48
MS9298-08	.938	.105-.125	6.61	MS9298-35	3.500	2.315-2.375	15.94
MS9298-09	1.000	.105-.125	6.84	MS9298-36	3.625	2.440-2.500	16.39
MS9298-10	1.062	.105-.125	7.07	MS9298-37	3.750	2.565-2.625	16.85
MS9298-11	1.125	.105-.125	7.29	MS9298-38	3.875	2.690-2.750	17.30
MS9298-12	1.188	.105-.125	7.52	MS9298-39	4.000	2.815-2.875	17.76
MS9298-13	1.250	.105-.125	7.75	MS9298-40	4.125	2.940-3.000	18.21
MS9298-14	1.312	.125-.188	7.98	MS9298-41	4.250	3.065-3.125	18.66
MS9298-15	1.375	.190-.250	8.20	MS9298-42	4.375	3.190-3.250	19.12
MS9298-16	1.438	.252-.312	8.43	MS9298-43	4.500	3.315-3.375	19.57
MS9298-17	1.500	.315-.375	8.66	MS9298-44	4.625	3.440-3.500	20.03
MS9298-18	1.562	.378-.438	8.89	MS9298-45	4.750	3.565-3.625	20.48
MS9298-19	1.625	.440-.500	9.11	MS9298-46	4.875	3.690-3.750	20.94
MS9298-20	1.688	.502-.562	9.34	MS9298-47	5.000	3.815-3.875	21.39
MS9298-21	1.750	.565-.625	9.57	MS9298-48	5.125	3.940-4.000	21.85
MS9298-22	1.875	.690-.750	10.02	MS9298-49	5.250	4.065-4.125	22.30
MS9298-23	2.000	.815-.875	10.48	MS9298-50	5.375	4.190-4.250	22.76
MS9298-24	2.125	.940-1.000	10.93	MS9298-51	5.500	4.315-4.375	23.21
MS9298-25	2.250	1.065-1.125	11.39	MS9298-52	5.625	4.440-4.500	23.67
MS9298-26	2.375	1.190-1.250	11.84	MS9298-53	5.750	4.565-4.625	24.12
MS9298-27	2.500	1.315-1.375	12.30	MS9298-54	5.875	4.690-4.750	24.58
MS9298-28	2.625	1.440-1.500	12.75	MS9298-55	6.000	4.815-4.875	25.03
MS9298-29	2.750	1.565-1.625	13.21				
MS9298-30	2.875	1.690-1.750	13.66				

- 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 .019 FIR.
- INCOMPLETE THREADS NOT TO ENTER FILLET.
- MATERIAL: STEEL AMS 6322.
- HARDNESS: ROCKWELL C28-32.
- FINISH: BLACK OXIDE TREATMENT AMS 2485.
- MANUFACTURING SPECIFICATION: AMS 7452 EXCEPT HEAD MUST BE UPSET.
- MAGNETIC PARTICLE INSPECTION PER AMS 2640.
- SURFACE ROUGHNESS: AS 221, UNLESS OTHERWISE SPECIFIED SURFACES TO BE 1" MICROINCHES EXCEPT HEXAGON.
- BREAK SHARP EDGES .003" UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS +.1, ANGULAR DIMENSIONS ±5°.
- 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.

P.A. USAF - 11	TITLE	MILITARY STANDARD
Other Cost	BOLT, MACHINE-STEEL AMS 6322, BLACK OXIDE, DRILLED, 1 HOLE, HEXAGON HEAD, .4375-20 UNJF-3A	MS 9298
Navy - AS		
PROCUREMENT SPECIFICATION: SUPERSEDES:		SHEET 1 OF 1

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

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 24 Sept 65
 REVISED (A) 26 Oct 72

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 the military. All other military activities are required to comply with this standard where applicable.

Review activities:
 USAF - 11
 Navy - AS