



PART NO.	L	K	APPROX WEIGHT LB/100	PART NO.	L	K	APPROX WEIGHT LB/100	PART NO.	L	K	APPROX WEIGHT LB/100
MS9218-04	.375	.079-.099	1.14	MS9218-22	1.500	.690-.750	2.43	MS9218-40	3.500	2.690-2.750	4.72
MS9218-05	.438	.079-.099	1.21	MS9218-23	1.562	.752-.812	2.50	MS9218-41	3.625	2.815-2.875	4.85
MS9218-06	.500	.079-.099	1.29	MS9218-24	1.625	.815-.875	2.57	MS9218-42	3.750	2.940-3.000	4.99
MS9218-07	.562	.079-.099	1.36	MS9218-25	1.688	.878-.938	2.64	MS9218-43	3.875	3.065-3.125	5.13
MS9218-08	.625	.079-.099	1.44	MS9218-26	1.750	.940-1.000	2.72	MS9218-44	4.000	3.190-3.250	5.27
MS9218-09	.688	.079-.099	1.51	MS9218-27	1.875	1.065-1.125	2.86	MS9218-45	4.125	3.315-3.375	5.42
MS9218-10	.750	.079-.099	1.58	MS9218-28	2.000	1.190-1.250	3.00	MS9218-46	4.250	3.440-3.500	5.56
MS9218-11	.812	.079-.099	1.65	MS9218-29	2.125	1.315-1.375	3.14	MS9218-47	4.375	3.565-3.625	5.71
MS9218-12	.875	.125-.145	1.72	MS9218-30	2.250	1.440-1.500	3.29	MS9218-48	4.500	3.690-3.750	5.85
MS9218-13	.938	.128-.188	1.79	MS9218-31	2.375	1.565-1.625	3.43	MS9218-49	4.625	3.815-3.875	6.00
MS9218-14	1.000	.190-.250	1.86	MS9218-32	2.500	1.690-1.750	3.57	MS9218-50	4.750	3.940-4.000	6.14
MS9218-15	1.062	.252-.312	1.93	MS9218-33	2.625	1.815-1.875	3.71	MS9218-51	4.875	4.065-4.125	6.29
MS9218-16	1.125	.315-.375	2.00	MS9218-34	2.750	1.940-2.000	3.85	MS9218-52	5.000	4.190-4.250	6.43
MS9218-17	1.188	.378-.438	2.08	MS9218-35	2.875	2.065-2.125	4.00	MS9218-53	5.125	4.315-4.375	6.56
MS9218-18	1.250	.440-.500	2.15	MS9218-36	3.000	2.190-2.250	4.14	MS9218-54	5.250	4.440-4.500	6.70
MS9218-19	1.312	.502-.562	2.22	MS9218-37	3.125	2.315-2.375	4.29	MS9218-55	5.375	4.565-4.625	6.84
MS9218-20	1.375	.565-.625	2.29	MS9218-38	3.250	2.440-2.500	4.43	MS9218-56	5.500	4.690-4.750	6.99
MS9218-21	1.438	.628-.688	2.36	MS9218-39	3.375	2.565-2.625	4.58	MS9218-57	5.625	4.815-4.875	7.13
								MS9218-58	5.750	4.940-5.000	7.28
								MS9218-59	5.875	5.065-5.125	7.42
								MS9218-60	6.000	5.190-5.250	7.57

- SHANK SHALL BE STRAIGHT WITHIN .003 FIR. 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 DOUBLE HEXAGON OD SHALL BE WITHIN .013 FIR.
- INCOMPLETE THREADS NOT TO ENTER FILLET.
- MATERIAL: STEEL AMS 6304.
- HARDNESS: ROCKWELL C42-46.
- FINISH: DIFFUSED NICKEL-CADMIUM PLATE AMS 2416. DIMENSIONS SPECIFIED ARE AFTER PLATING. CONTACT POINTS PERMISSIBLE. PD MAY BE REDUCED .0012 MAXIMUM BEFORE PLATING.
- MANUFACTURING SPECIFICATION: AMS 7459. PARTS SUBJECT TO MAGNETIC PARTICLE INSPECTION PER AMS 2640 BEFORE PLATING.
- SURFACE ROUGHNESS: AS 291 UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
- 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.

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THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE.

P.A. USAF - ASD Other Cust Navy - Weps	TITLE BOLT, MACHINE - STEEL, AMS 6304, DIFFUSED NICKEL-CADMIUM PLATE, DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, .250-28 UNJF-3A	MILITARY STANDARD MS9218 (ASG)
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 1

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

Reviewers and Users
USAF - ASD
Navy - Weps