

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX WEIGHT LB/100	PART NO.	L	K	APPROX WEIGHT LB/100
MS9212-04	.688	.105-.125	5.05	MS9212-31	3.000	1.815-1.875	13.66
MS9212-05	.750	.105-.125	5.28	MS9212-32	3.125	1.940-2.000	14.12
MS9212-06	.812	.105-.125	5.51	MS9212-33	3.250	2.065-2.125	14.59
MS9212-07	.875	.105-.125	5.74	MS9212-34	3.375	2.190-2.250	15.06
MS9212-08	.938	.105-.125	5.97	MS9212-35	3.500	2.315-2.375	15.52
MS9212-09	1.000	.105-.125	6.20	MS9212-36	3.625	2.440-2.500	15.99
MS9212-10	1.062	.105-.125	6.43	MS9212-37	3.750	2.565-2.625	16.45
MS9212-11	1.125	.105-.125	6.67	MS9212-38	3.875	2.690-2.750	16.92
MS9212-12	1.188	.105-.125	6.90	MS9212-39	4.000	2.815-2.875	17.39
MS9212-13	1.250	.125-.145	7.13	MS9212-40	4.125	2.940-3.000	17.85
MS9212-14	1.312	.128-.188	7.36	MS9212-41	4.250	3.065-3.125	18.31
MS9212-15	1.375	.190-.250	7.59	MS9212-42	4.375	3.190-3.250	18.75
MS9212-16	1.438	.252-.312	7.82	MS9212-43	4.500	3.315-3.375	19.31
MS9212-17	1.500	.315-.375	8.05	MS9212-44	4.625	3.440-3.500	19.66
MS9212-18	1.562	.378-.438	8.27	MS9212-45	4.750	3.565-3.625	20.12
MS9212-19	1.625	.440-.500	8.50	MS9212-46	4.875	3.690-3.750	20.59
MS9212-20	1.688	.502-.562	8.73	MS9212-47	5.000	3.815-3.875	21.05
MS9212-21	1.750	.565-.625	8.96	MS9212-48	5.125	3.940-4.000	21.51
MS9212-22	1.875	.690-.750	9.43	MS9212-49	5.250	4.065-4.125	21.97
MS9212-23	2.000	.815-.875	9.90	MS9212-50	5.375	4.190-4.250	22.33
MS9212-24	2.125	.940-1.000	10.38	MS9212-51	5.500	4.315-4.375	22.80
MS9212-25	2.250	1.065-1.125	10.85	MS9212-52	5.625	4.440-4.500	23.27
MS9212-26	2.375	1.190-1.250	11.32	MS9212-53	5.750	4.565-4.625	23.74
MS9212-27	2.500	1.315-1.375	11.79	MS9212-54	5.875	4.690-4.750	24.21
MS9212-28	2.625	1.440-1.500	12.26	MS9212-55	6.000	4.815-4.875	24.67
MS9212-29	2.750	1.565-1.625	12.72				
MS9212-30	2.875	1.690-1.750	13.19				

NOTES:

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE

- 1/ FOR PART NUMBERS MS9212-04 THROUGH MS9212-20, DATUM Z SHALL REPLACE DATUM Y.
2. MATERIAL: LOW ALLOY STEEL AMS6304 (COMPOSITION SIMILAR TO UNS K14675).
3. PROCUREMENT SPECIFICATION: AS7459.
4. FINISH: DIFFUSED NICKEL-CADMIUM PLATE AMS2416. DIMENSIONS ARE AFTER PLATING. CONTACT POINTS PERMISSIBLE. PD MAY BE REDUCED .0012 MAXIMUM BEFORE PLATING.
5. MAGNETIC PARTICLE INSPECTION PER ASTM E1444/E1444M BEFORE PLATING.
6. INCOMPLETE THREADS NOT TO ENTER FILLET.
7. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra, EXCEPT UPSET HEAD.
8. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
9. DIMENSIONING AND TOLERANCING: ASME Y14.5-2018.

	AEROSPACE STANDARD	AS9212™ SHEET 2 OF 3	REV. D
	BOLT, MACHINE - STEEL, DIFFUSED NICKEL-CADMIUM PLATED, DOUBLE HEXAGON EXTENDED WASHER-HEAD, UNS K14675, 195 KSI MIN., 4375-20 UNJF-3A		