

TABLE 1 – PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9918-04	.678- .698	.105- .125	5.31	MS9918-31	2.740-2.760	1.565-1.625	12.84
MS9918-05	.740- .760	.105- .125	5.54	MS9918-32	2.865-2.885	1.690-1.750	13.29
MS9918-06	.802- .822	.105- .125	5.76	MS9918-33	2.990-3.010	1.815-1.875	13.75
MS9918-07	.865- .885	.105- .125	5.99	MS9918-34	3.115-3.135	1.940-2.000	14.20
MS9918-08	.928- .948	.105- .125	6.22	MS9918-35	3.240-3.260	2.065-2.125	14.66
MS9918-09	.990-1.010	.105- .125	6.45	MS9918-36	3.365-3.385	2.190-2.250	15.12
MS9918-10	1.052-1.072	.105- .125	6.68	MS9918-37	3.490-3.510	2.315-2.375	15.57
MS9918-11	1.115-1.135	.105- .125	6.90	MS9918-38	3.615-3.635	2.440-2.500	16.03
MS9918-12	1.178-1.198	.105- .125	7.13	MS9918-39	3.740-3.760	2.565-2.625	16.49
MS9918-13	1.240-1.260	.105- .125	7.36	MS9918-40	3.865-3.885	2.690-2.750	16.94
MS9918-14	1.302-1.322	.128- .188	7.59	MS9918-41	3.990-4.010	2.815-2.875	17.39
MS9918-15	1.365-1.385	.190- .250	7.82	MS9918-42	4.115-4.135	2.940-3.000	17.85
MS9918-16	1.428-1.448	.252- .312	8.05	MS9918-43	4.240-4.260	3.065-3.125	18.31
MS9918-17	1.490-1.510	.315- .375	8.27	MS9918-44	4.365-4.385	3.190-3.250	18.77
MS9918-18	1.552-1.572	.378- .438	8.50	MS9918-45	4.490-4.510	3.315-3.375	19.22
MS9918-19	1.615-1.635	.440- .500	8.73	MS9918-46	4.615-4.635	3.440-3.500	19.68
MS9918-20	1.678-1.698	.502- .562	8.96	MS9918-47	4.740-4.760	3.565-3.625	20.14
MS9918-21	1.740-1.760	.565- .625	9.19	MS9918-48	4.865-4.885	3.690-3.750	20.59
MS9918-22	1.802-1.822	.628- .688	9.41	MS9918-49	4.990-5.010	3.815-3.875	21.05
MS9918-23	1.865-1.885	.690- .750	9.64	MS9918-50	5.115-5.135	3.940-4.000	21.50
MS9918-24	1.928-1.948	.752- .812	9.87	MS9918-51	5.240-5.260	4.065-4.125	21.96
MS9918-25	1.990-2.010	.815- .875	10.10	MS9918-52	5.365-5.385	4.190-4.250	22.42
MS9918-26	2.115-2.135	.940-1.000	10.56	MS9918-53	5.490-5.510	4.315-4.375	22.87
MS9918-27	2.240-2.260	1.065-1.125	11.01	MS9918-54	5.615-5.635	4.440-4.500	23.33
MS9918-28	2.365-2.385	1.190-1.250	11.47	MS9918-55	5.740-5.760	4.565-4.625	23.79
MS9918-29	2.490-2.510	1.315-1.375	11.92	MS9918-56	5.865-5.885	4.690-4.750	24.24
MS9918-30	2.615-2.635	1.440-1.500	12.38	MS9918-57	5.990-6.010	4.815-4.875	24.70

NOTICE

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

NOTES:

- /1/ FOR PART NUMBERS MS9918-04 THRU MS9918-24 DATUM **Z** SHALL REPLACE DATUM **Y**.
- /2/ PROCUREMENT SPECIFICATION: AS7452 EXCEPT HEAD SHALL BE UPSET.
3. MATERIAL: AMS6322 (LOW ALLOY STEEL SAE 8740, COMPOSITION SIIMILAR TO UNS G87400).
4. HARDNESS: 26-32 HRC.
5. FINISH: CADMIUM PLATE PER AMS2400. DIMENSIONS SPECIFIED ARE AFTER PLATING.
6. HEAD TO SHANK FILLET RADIUS SHALL BE COLD WORKED.
7. MAGNETIC PARTICLE INSPECTION PER ASTM E1444/E1444M AFTER PLATING.
8. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra EXCEPT UPSET HEAD.
9. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982 (ASME PUBLICATION).

	AEROSPACE STANDARD	AS9918 SHEET 2 OF 3	REV. A
	(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, PD SHANK, STEEL SAE 8740, CADMIUM PLATED, 125 KSI MIN. UTS, .4375-20 UNJF-3A		