

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX MASS LB/100	PART NO.	L	K	APPROX MASS LB/100
MS9505-04	.802 - .822	.105 - .125	8.30	MS9505-31	3.240 - 3.260	1.940 - 2.000	21.83
MS9505-05	.865 - .885	.105 - .125	8.65	MS9505-32	3.365 - 3.385	2.065 - 2.125	22.52
MS9505-06	.928 - .948	.105 - .125	9.00	MS9505-33	3.490 - 3.510	2.190 - 2.250	23.22
MS9505-07	.990 - 1.010	.105 - .125	9.35	MS9505-34	3.615 - 3.635	2.315 - 2.375	23.91
MS9505-08	1.052 - 1.072	.105 - .125	9.72	MS9505-35	3.740 - 3.760	2.440 - 2.500	24.60
MS9505-09	1.115 - 1.135	.105 - .125	10.04	MS9505-36	3.865 - 3.885	2.565 - 2.625	25.30
MS9505-10	1.178 - 1.198	.105 - .125	10.39	MS9505-37	3.990 - 4.010	2.690 - 2.750	25.99
MS9505-11	1.240 - 1.260	.105 - .125	10.73	MS9505-38	4.115 - 4.135	2.815 - 2.875	26.68
MS9505-12	1.302 - 1.322	.105 - .125	11.08	MS9505-39	4.240 - 4.260	2.940 - 3.000	27.38
MS9505-13	1.365 - 1.385	.105 - .125	11.43	MS9505-40	4.365 - 4.385	3.065 - 3.125	28.08
MS9505-14	1.428 - 1.448	.128 - .188	11.78	MS9505-41	4.490 - 4.510	3.190 - 3.250	28.77
MS9505-15	1.490 - 1.510	.190 - .250	12.12	MS9505-42	4.615 - 4.635	3.315 - 3.375	29.46
MS9505-16	1.552 - 1.572	.252 - .312	12.48	MS9505-43	4.740 - 4.760	3.440 - 3.500	30.15
MS9505-17	1.615 - 1.635	.315 - .375	12.87	MS9505-44	4.865 - 4.885	3.565 - 3.625	30.84
MS9505-18	1.678 - 1.698	.378 - .438	13.16	MS9505-45	4.990 - 5.010	3.690 - 3.750	31.54
MS9505-19	1.740 - 1.760	.440 - .500	13.51	MS9505-46	5.115 - 5.135	3.815 - 3.875	32.23
MS9505-20	1.865 - 1.885	.565 - .625	14.20	MS9505-47	5.240 - 5.260	3.940 - 4.000	32.52
MS9505-21	1.990 - 2.010	.690 - .750	14.89	MS9505-48	5.365 - 5.385	4.065 - 4.125	33.62
MS9505-22	2.115 - 2.235	.815 - .875	15.59	MS9505-49	5.490 - 5.510	4.190 - 4.250	34.31
MS9505-23	2.240 - 2.260	.940 - 1.000	16.28	MS9505-50	5.615 - 5.635	4.315 - 4.375	35.01
MS9505-24	2.365 - 2.385	1.065 - 1.125	16.97	MS9505-51	5.740 - 5.760	4.440 - 4.500	35.70
MS9505-25	2.490 - 2.510	1.190 - 1.250	17.67	MS9505-52	5.865 - 5.885	4.565 - 4.625	36.39
MS9505-26	2.615 - 2.635	1.315 - 1.375	18.36	MS9505-53	5.990 - 6.010	4.690 - 4.750	37.09
MS9505-27	2.740 - 2.760	1.440 - 1.500	19.05	MS9505-54	1.802 - 1.822	.502 - .562	13.85
MS9505-28	2.865 - 2.885	1.565 - 1.625	19.75	MS9505-55	1.928 - 1.948	.628 - .688	14.55
MS9505-29	2.990 - 3.010	1.690 - 1.750	20.44				
MS9505-30	3.115 - 3.135	1.815 - 1.875	21.14				

NOTES:

- FOR PART NUMBERS MS9505-04 THROUGH MS9505-24, DATUM Z (THREAD PD) SHALL REPLACE DATUM Y.
- MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS5731 (COMPOSITION SIMILAR TO UNS S66286).
- PROCUREMENT SPECIFICATION: AS7477.
- FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M TYPE 1, SENSITIVITY LEVEL 2 MINIMUM.
- INCOMPLETE THREADS NOT TO ENTER FILLET.
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
- BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
- DIMENSIONING AND TOLERANCING PER ASME Y14.5-2018.
- DIMENSIONS ARE IN INCHES.
- DO NOT USE UNASSIGNED PART NUMBERS.
- UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATIONS MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

	AEROSPACE STANDARD	AS9505™ SHEET 2 OF 3 	REV.
	BOLT, MACHINE - HEXAGON HEAD, DRILLED, 1 HOLE, FULL SHANK, CRES, UNS S66286, 130 KSI MIN, .5000-20 UNJF-3A		

