

TABLE 1 - PART NUMBERS, DIMENSIONS L AND K, AND APPROX MASS

PART NUMBER	L	K	APPROX MASS LB/100	PART NUMBER	L	K	APPROX MASS LB/100
MS9821-03	.740-.760	.105-.125	7.36	MS9821-31	2.990-3.010	1.690-1.750	18.19
MS9821-04	.802-.822	.105-.125	7.66	MS9821-32	3.115-3.135	1.815-1.875	18.80
MS9821-05	.865-.885	.105-.125	7.96	MS9821-33	3.240-3.260	1.940-2.000	19.39
MS9821-06	.928-.948	.105-.125	8.26	MS9821-34	3.365-3.385	2.065-2.125	20.00
MS9821-07	.990-1.010	.105-.125	8.56	MS9821-35	3.490-3.510	2.190-2.250	20.60
MS9821-08	1.052-1.072	.105-.125	8.86	MS9821-36	3.615-3.635	2.315-2.375	21.20
MS9821-09	1.115-1.135	.105-.125	9.16	MS9821-37	3.740-3.760	2.440-2.500	21.80
MS9821-10	1.178-1.198	.105-.125	9.46	MS9821-38	3.865-3.885	2.565-2.625	22.40
MS9821-11	1.240-1.260	.105-.125	9.76	MS9821-39	3.990-4.010	2.690-2.750	23.01
MS9821-12	1.302-1.322	.105-.125	10.07	MS9821-40	4.115-4.135	2.815-2.875	23.61
MS9821-13	1.365-1.385	.105-.125	10.37	MS9821-41	4.240-4.260	2.940-3.000	24.20
MS9821-14	1.428-1.448	.128-.188	10.67	MS9821-42	4.365-4.385	3.065-3.125	24.81
MS9821-15	1.490-1.510	.190-.250	10.97	MS9821-43	4.490-4.510	3.190-3.250	25.41
MS9821-16	1.552-1.572	.252-.312	11.26	MS9821-44	4.615-4.635	3.315-3.375	26.02
MS9821-17	1.615-1.635	.315-.375	11.57	MS9821-45	4.740-4.760	3.440-3.500	26.61
MS9821-18	1.678-1.698	.378-.438	11.87	MS9821-46	4.865-4.885	3.565-3.625	27.22
MS9821-19	1.740-1.760	.440-.500	12.17	MS9821-47	4.990-5.010	3.690-3.750	27.82
MS9821-20	1.802-1.822	.502-.562	12.47	MS9821-48	5.115-5.135	3.815-3.875	28.42
MS9821-21	1.865-1.885	.565-.625	12.77	MS9821-49	5.240-5.260	3.940-4.000	29.02
MS9821-22	1.928-1.948	.628-.688	13.07	MS9821-50	5.365-5.385	4.065-4.125	29.62
MS9821-23	1.990-2.010	.690-.750	13.38	MS9821-51	5.490-5.510	4.190-4.250	30.23
MS9821-24	2.115-2.135	.815-.875	13.97	MS9821-52	5.615-5.635	4.315-4.375	30.83
MS9821-25	2.240-2.260	.940-1.000	14.58	MS9821-53	5.740-5.760	4.440-4.500	31.43
MS9821-26	2.365-2.385	1.065-1.125	15.18	MS9821-54	5.865-5.885	4.565-4.625	32.03
MS9821-27	2.490-2.510	1.190-1.250	15.79	MS9821-55	5.990-6.010	4.690-4.750	32.63
MS9821-28	2.615-2.635	1.315-1.375	16.38				
MS9821-29	2.740-2.760	1.440-1.500	16.98				
MS9821-30	2.865-2.885	1.565-1.625	17.59				

NOTES:

- FOR PART NUMBERS MS9821-03 THRU MS9821-23, DATUM Z (THREAD PD) SHALL REPLACE DATUM Y.
- MATERIAL: CORROSION RESISTANT STEEL AMS5643 (COMPOSITION SIMILAR TO UNS S17400).
- PROCUREMENT SPECIFICATION: AS7474.
- FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MIN.
- 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 SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS, NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

	AEROSPACE STANDARD	AS9821™ SHEET 2 OF 3	REV. B
	BOLT, MACHINE - HEXAGON HEAD, DRILLED, 1 HOLE, PD SHANK, CRES (UNS S17400), .5000-20 UNJF-3A		