



PART NO.	L	K	APPROX WEIGHT LB/100
MS9743-04	.500	.088-.106	2.14
MS9743-05	.562	.088-.106	2.25
MS9743-06	.625	.088-.106	2.36
MS9743-07	.688	.088-.106	2.47
MS9743-08	.750	.088-.106	2.58
MS9743-09	.812	.088-.106	2.70
MS9743-10	.875	.088-.106	2.81
MS9743-11	.938	.088-.106	2.92
MS9743-12	1.000	.088-.125	3.03
MS9743-13	1.062	.128-.188	3.14
MS9743-14	1.125	.190-.250	3.25
MS9743-15	1.188	.252-.312	3.36
MS9743-16	1.250	.315-.375	3.47
MS9743-17	1.312	.378-.438	3.58
MS9743-18	1.375	.440-.500	3.70
MS9743-19	1.438	.502-.562	3.81
MS9743-20	1.500	.565-.625	3.92
MS9743-21	1.562	.628-.688	4.03

PART NO.	L	K	APPROX WEIGHT LB/100
MS9743-22	1.625	.690-.750	4.14
MS9743-23	1.688	.752-.812	4.26
MS9743-24	1.750	.815-.875	4.37
MS9743-25	1.812	.878-.938	4.48
MS9743-26	1.875	.940-1.000	4.59
MS9743-27	2.000	1.065-1.125	4.81
MS9743-28	2.125	1.190-1.250	5.04
MS9743-29	2.250	1.315-1.375	5.26
MS9743-30	2.375	1.440-1.500	5.48
MS9743-31	2.500	1.565-1.625	5.70
MS9743-32	2.625	1.690-1.750	5.93
MS9743-33	2.750	1.815-1.875	6.15
MS9743-34	2.875	1.940-2.000	6.37
MS9743-35	3.000	2.065-2.125	6.60
MS9743-36	3.125	2.190-2.250	6.82
MS9743-37	3.250	2.315-2.375	7.04
MS9743-38	3.375	2.440-2.500	7.26
MS9743-39	3.500	2.565-2.625	7.49

PART NO.	L	K	APPROX WEIGHT LB/100
MS9743-40	3.625	2.690-2.750	7.71
MS9743-41	3.750	2.815-2.875	7.93
MS9743-42	3.875	2.940-3.000	8.16
MS9743-43	4.000	3.065-3.125	8.38
MS9743-44	4.125	3.190-3.250	8.60
MS9743-45	4.250	3.315-3.375	8.83
MS9743-46	4.375	3.440-3.500	9.05
MS9743-47	4.500	3.565-3.625	9.27
MS9743-48	4.625	3.690-3.750	9.50
MS9743-49	4.750	3.815-3.875	9.72
MS9743-50	4.875	3.940-4.000	9.94
MS9743-51	5.000	4.065-4.125	10.16
MS9743-52	5.125	4.190-4.250	10.39
MS9743-53	5.250	4.315-4.375	10.61
MS9743-54	5.375	4.440-4.500	10.82
MS9743-55	5.500	4.565-4.625	11.05
MS9743-56	5.625	4.690-4.750	11.27
MS9743-57	5.750	4.815-4.875	11.49
MS9743-58	5.875	4.940-5.000	11.72
MS9743-59	6.000	5.065-5.125	11.94

- SHANK SHALL BE STRAIGHT WITHIN .003 PER INCH OF BOLT LENGTH.
- THE RUNOUT OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
- THE RUNOUT OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON OD SHALL BE WITHIN .008 FIR.
- INCOMPLETE THREADS NOT TO ENTER FILLET.
- MATERIAL: CRES AMS 5643.
- HARDNESS: ROCKWELL C32-38.
- MANUFACTURING SPECIFICATION: AMS 7474.
- FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
- SURFACE TEXTURE: USAS B46.1-1962. 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.

REINSTATED 31 OCT 84

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THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIV.

P.A.	AS	TITLE	MILITARY STANDARD
Other Cust	AV	BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, CRES AMS 5643, .3125-24 UNJF-3A	MS9743
99			
PROCUREMENT SPECIFICATION	SUPERSEDES:		PAGE 1 OF 1

DD FORM 672-1

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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