



PART NO.	L	K	APPROX WEIGHT LB/100	PART NO.	L	K	APPROX WEIGHT LB/100	PART NO.	L	K	APPROX WEIGHT LB/100
MS9751-04	375	.079-.099	73	MS9751-25	1.658	576-.938	1.57	MS9751-46	4.125	3.315-3.375	3.13
MS9751-05	438	.079-.099	77	MS9751-26	1.750	940-1.000	1.61	MS9751-47	4.250	3.440-3.500	3.21
MS9751-06	500	.079-.099	61	MS9751-27	1.512	1.002-1.062	1.65	MS9751-48	4.375	3.565-3.625	3.29
MS9751-07	562	.079-.099	55	MS9751-28	1.575	1.061-1.121	1.69	MS9751-49	4.500	3.690-3.750	3.37
MS9751-08	625	.079-.099	89	MS9751-29	2.000	1.190-1.250	1.77	MS9751-50	4.625	3.815-3.875	3.45
MS9751-09	688	.079-.099	93	MS9751-30	2.125	1.315-1.375	1.85	MS9751-51	4.750	3.940-4.000	3.53
MS9751-10	.750	.079-.099	.97	MS9751-31	2.250	1.440-1.500	1.93	MS9751-52	4.875	4.065-4.125	3.61
MS9751-11	.812	.079-.099	1.01	MS9751-32	2.375	1.565-1.625	2.01	MS9751-53	5.000	4.190-4.250	3.69
MS9751-12	.875	.079-.125	1.05	MS9751-33	2.500	1.690-1.750	2.09	MS9751-54	5.125	4.315-4.375	3.78
MS9751-13	938	128-.188	1.09	MS9751-34	2.625	1.815-1.875	2.17	MS9751-55	5.250	4.440-4.500	3.86
MS9751-14	1.000	.190-.250	1.13	MS9751-35	2.750	1.940-2.000	2.25	MS9751-56	5.375	4.565-4.625	3.94
MS9751-15	1.062	252-.312	1.17	MS9751-36	2.875	2.065-2.125	2.33	MS9751-57	5.500	4.690-4.750	4.02
MS9751-16	1.125	.315-.375	1.21	MS9751-37	3.000	2.190-2.250	2.41	MS9751-58	5.625	4.815-4.875	4.10
MS9751-17	1.188	378-.438	1.25	MS9751-38	3.125	2.315-2.375	2.49	MS9751-59	5.750	4.940-5.000	4.18
MS9751-18	1.250	440-.500	1.29	MS9751-39	3.250	2.440-2.500	2.57	MS9751-60	5.875	5.065-5.125	4.26
MS9751-19	1.312	502-.562	1.33	MS9751-40	3.375	2.565-2.625	2.65	MS9751-61	6.000	5.190-5.250	4.34
MS9751-20	1.375	565-.625	1.37	MS9751-41	3.500	2.690-2.750	2.73				
MS9751-21	1.438	.628-.688	1.41	MS9751-42	3.625	2.815-2.875	2.81				
MS9751-22	1.500	690-.750	1.45	MS9751-43	3.750	2.940-3.000	2.89				
MS9751-23	1.562	.752-.812	1.49	MS9751-44	3.875	3.065-3.125	2.97				
MS9751-24	1.625	815-.875	1.53	MS9751-45	4.000	3.190-3.250	3.05				

1. SHANK SHALL BE STRAIGHT WITHIN .003 PER INCH OF BOLT LENGTH
2. THE RUNOUT OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .002 FIR
3. THE RUNOUT OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON CD SHALL BE WITHIN .007 FIR
4. INCOMPLETE THREADS NOT TO ENTER FILLET
5. MATERIAL TITANIUM AMS 4967
6. HARDNESS ROCKWELL C36-42.
7. MANUFACTURING SPECIFICATION AMS 7461, EXCEPT MATERIAL TO COMP
8. FLUORESCENT PENETRANT INSPECTION PER AMS 2645
9. SURFACE TEXTURE USAS B46 1-1962 UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
10. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED
11. DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCES LINEAR DIMENSIONS ± 0.0, ANGULAR DIMENSIONS ± 5°
12. DO NOT USE UNASSIGNED PART NUMBERS

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS. THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIV

P.A. -SA- 1-1 Other Com Navy - A	TITLE BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, PD SHANK, TITANIUM AMS 4967, 250-28 UNJF-3A	MILITARY STANDARD MS9751 (ASG)
PROCUREMENT SPECIFICATION	SUPERSEDES	SHEET 1 OF

Review activities: MAP-88, 85

This military standard is approved by the Department of the Air Force and the Naval Air Systems Command and is mandatory for use by those activities. All other military activities are required to employ this standard where suitable.

REVISED
APPROVED: Mar 69