

FED. SUP CLASS
5306

MS9536

MARK PART NUMBER AND MANUFACTURERS IDENTIFICATION PER AS478 CLASS A

SECTION THROUGH THREAD PROFILE

VIEW A ENLARGED

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9536-03	.938	.118-.138	14.53	MS9536-31	3.900	1.840-2.000	34.16
MS9536-04	1.000	.118-.138	15.01	MS9536-32	3.625	2.065-2.125	33.11
MS9536-05	1.062	.118-.138	15.49	MS9536-33	3.750	2.190-2.250	36.07
MS9536-06	1.125	.118-.138	15.97	MS9536-34	3.875	2.315-2.375	37.03
MS9536-07	1.188	.118-.138	16.45	MS9536-35	4.000	2.440-2.500	37.98
MS9536-08	1.250	.118-.138	16.93	MS9536-36	4.125	2.565-2.625	38.94
MS9536-09	1.312	.118-.138	17.41	MS9536-37	4.250	2.690-2.750	39.90
MS9536-10	1.375	.118-.138	17.89	MS9536-38	4.375	2.815-2.875	40.86
MS9536-11	1.438	.118-.138	18.36	MS9536-39	4.500	2.940-3.000	41.81
MS9536-12	1.500	.118-.138	18.84	MS9536-40	4.625	3.065-3.125	42.77
MS9536-13	1.562	.118-.138	19.32	MS9536-41	4.750	3.190-3.250	43.73
MS9536-14	1.625	.118-.138	19.80	MS9536-42	4.875	3.315-3.375	44.68
MS9536-15	1.688	.128-.188	20.28	MS9536-43	5.000	3.440-3.500	45.64
MS9536-16	1.750	.190-.250	20.76	MS9536-44	5.125	3.565-3.625	46.60
MS9536-17	1.812	.252-.312	21.24	MS9536-45	5.250	3.690-3.750	47.55
MS9536-18	1.875	.315-.375	21.71	MS9536-46	5.375	3.815-3.875	48.51
MS9536-19	2.000	.440-.500	22.67	MS9536-47	5.500	3.940-4.000	49.47
MS9536-20	2.125	.565-.625	23.63	MS9536-48	5.625	4.065-4.125	50.43
MS9536-21	2.250	.690-.750	24.59	MS9536-49	5.750	4.190-4.250	51.38
MS9536-22	2.375	.815-.875	25.54	MS9536-50	5.875	4.315-4.375	52.34
MS9536-23	2.500	.940-1.000	26.50	MS9536-51	6.000	4.440-4.500	53.30
MS9536-24	2.625	1.065-1.125	27.46				
MS9536-25	2.750	1.190-1.250	28.41				
MS9536-26	2.875	1.315-1.375	29.37				
MS9536-27	3.000	1.440-1.500	30.33				
MS9536-28	3.125	1.565-1.625	31.28				
MS9536-29	3.250	1.690-1.750	32.24				
MS9536-30	3.375	1.815-1.875	33.20				

1. SHANK SHALL BE STRAIGHT WITHIN .002 PER INCH OF BOLT LENGTH.

2. THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.

3. THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .028 FIR.

4. INCOMPLETE THREADS NOT TO ENTER FILLET.

5. MATERIAL: STEEL AMS 6322.

6. HARDNESS: ROCKWELL C36-32.

7. FINISH: CADMIUM PLATE PER AMS 2400. DIMENSIONS SPECIFIED ARE AFTER PLATING.

8. MAGNETIC PARTICLE INSPECTION PER AMS 2640.

9. MANUFACTURING SPECIFICATION: AMS 7452 EXCEPT HEAD MUST BE UPSET.

10. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES, EXCEPT HEXAGON.

11. BREAK SHARP EDGES .003 - .015 UNLESS OTHERWISE SPECIFIED.

12. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°.

13. DO NOT USE UNASSIGNED PART NUMBERS.

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THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE S.A.E. AEROSPACE PROPULSION DIVISION.

USAF-11
Other Cust
NAVY-AS
ARMY-AV

INTERNATIONAL INTEREST

TITLE

BOLT, MACHINE-STEEL AMS 6322, CADMIUM PLATE, DRILLED,
1 HOLE, HEXAGON HEAD, .625-18 UNJF-3A

MILITARY STANDARD

MS9536

PROCUREMENT SPECIFICATION

NONE

SUPERSEDES:

SHEET 1 OF 1

This military standard has been approved by the Department of Defense and is mandatory for use by all Departments and Agencies of the Department of Defense. Section for all new engineering and design applications and for repetitive use shall be made from this document.

Reviewer activities:

APPROVED 2 Feb 1968