

FED. SUP CLASS
9306

MARK PART NUMBER AND MANUFACTURERS
IDENTIFICATION PER AS478 CLASS A

MS9537

SECTION THROUGH THREAD PROFILE

VIEW A ENLARGED				SECTION THROUGH THREAD PROFILE			
PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9537-06	1.250	.129-.149	25.04	MS9537-31	3.625	1.815-1.875	51.47
MS9537-07	1.312	.129-.149	25.74	MS9537-32	3.750	1.940-2.000	42.86
MS9537-08	1.375	.129-.149	26.43	MS9537-33	3.875	2.065-2.125	54.25
MS9537-09	1.438	.129-.149	27.13	MS9537-34	4.000	2.190-2.250	65.64
MS9537-10	1.500	.129-.149	27.82	MS9537-35	4.125	2.315-2.375	77.03
MS9537-11	1.562	.129-.149	28.52	MS9537-36	4.250	2.440-2.500	88.42
MS9537-12	1.625	.129-.149	29.22	MS9537-37	4.375	2.565-2.625	99.81
MS9537-13	1.688	.129-.149	29.91	MS9537-38	4.500	2.690-2.750	111.20
MS9537-14	1.750	.129-.149	30.61	MS9537-39	4.625	2.815-2.875	122.59
MS9537-15	1.812	.129-.149	31.30	MS9537-40	4.750	2.940-3.000	133.98
MS9537-16	1.875	.129-.149	32.00	MS9537-41	4.875	3.065-3.125	145.37
MS9537-17	1.938	.129-.149	32.69	MS9537-42	5.000	3.190-3.250	156.76
MS9537-18	2.000	.190-.250	33.39	MS9537-43	5.125	3.315-3.375	168.15
MS9537-19	2.125	.315-.375	34.78	MS9537-44	5.250	3.440-3.500	179.54
MS9537-20	2.250	.440-.500	36.17	MS9537-45	5.375	3.565-3.625	190.93
MS9537-21	2.375	.565-.625	37.56	MS9537-46	5.500	3.690-3.750	202.32
MS9537-22	2.500	.690-.750	38.95	MS9537-47	5.625	3.815-3.875	213.71
MS9537-23	2.625	.815-.875	40.34	MS9537-48	5.750	3.940-4.000	225.10
MS9537-24	2.750	.940-1.000	41.73	MS9537-49	5.875	4.065-4.125	236.49
MS9537-25	2.875	1.065-1.125	43.12	MS9537-50	6.000	4.190-4.250	247.88
MS9537-26	3.000	1.190-1.250	44.51				
MS9537-27	3.125	1.315-1.375	45.90				
MS9537-28	3.250	1.440-1.500	47.29				
MS9537-29	3.375	1.565-1.625	48.68				
MS9537-30	3.500	1.690-1.750	50.08				

- SHANK SHALL BE STRAIGHT WITHIN .002 PER INCH OF BOLT LENGTH.
- THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
- THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .032 FIR.
- INCOMPLETE THREADS NOT TO ENTER PILLET.
- MATERIAL: STEEL AMS 6322.
- HARDNESS: ROCKWELL C26-32.
- FINISH: CADMIUM PLATE PER AMS 2400. DIMENSIONS SPECIFIED ARE AFTER PLATING.
- MAGNETIC PARTICLE INSPECTION PER AMS 2640.
- MANUFACTURING SPECIFICATION: AMS 7452 EXCEPT HEAD MUST BE UPSET.
- SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES, EXCEPT HEXAGON.
- BREAK SHARP EDGES .003 - .015 UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED. TOLERANCES: LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°.
- DO NOT USE UNASSIGNED PART NUMBERS.

CERTAIN PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF AN INTERNATIONAL STANDARDIZATION AGREEMENT DATED APR 27/52. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS DESIRED, THE DEPARTMENTAL OFFICERS WILL OBTAIN THEIR RESPECTIVE DEPARTMENTAL STANDARDIZATION OFFICES OF THAT AFFILIATE AND A JOINT STATEMENT TAKEN SIGNIFYING THE INTERNATIONAL AGREEMENT CONCERNED.

AS 4 AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.
THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE S.A.E. AEROSPACE PROPULSION DIVISION.

P.A. USAF-11	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE-STEEL AMS 6322, CADMIUM PLATE, DRILLED, 1 HOLE, HEXAGON HEAD, .750-16 UNJF-3A	MILITARY STANDARD MS9537
Other Cust NAVY-45 ARMY-47			
PROCUREMENT SPECIFICATION NONE	SUPERSEDES: NONE	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. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

Reviser activities: