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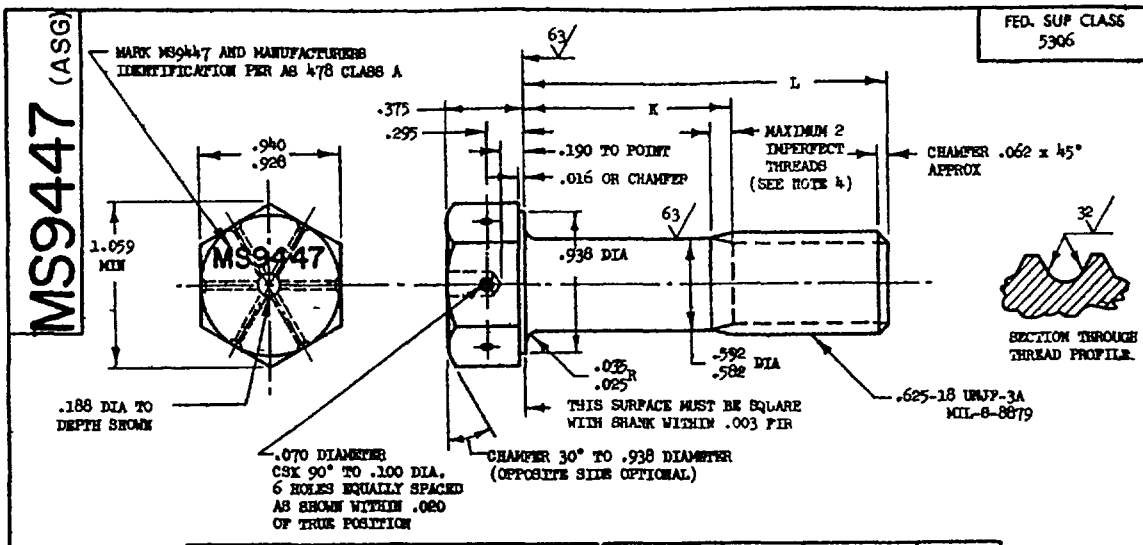
This standard has been approved by the Department of the and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable

MS9447 (ASG)

FED. SUP CLASS 5306



PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9447-03	.938	.114- .134	14.86
MS9447-04	1.000	.114- .134	15.33
MS9447-05	1.062	.114- .134	15.80
MS9447-06	1.125	.114- .134	16.27
MS9447-07	1.188	.114- .134	16.74
MS9447-08	1.250	.114- .134	17.21
MS9447-09	1.312	.114- .134	17.68
MS9447-10	1.375	.114- .134	18.16
MS9447-11	1.438	.114- .134	18.64
MS9447-12	1.500	.114- .134	19.12
MS9447-13	1.562	.114- .134	19.60
MS9447-14	1.625	.125- .145	20.08
MS9447-15	1.688	.128- .188	20.56
MS9447-16	1.750	.190- .250	21.03
MS9447-17	1.812	.252- .312	21.51
MS9447-18	1.875	.315- .375	21.99
MS9447-19	2.000	.440- .500	22.95
MS9447-20	2.125	.565- .625	23.91
MS9447-21	2.250	.690- .750	24.86
MS9447-22	2.375	.815- .875	25.82
MS9447-23	2.500	.940-1.000	26.78
MS9447-24	2.625	1.065-1.125	27.73
MS9447-25	2.750	1 190-1.250	28.69
MS9447-26	2 875	1.315-1 375	29.65
MS9447-27	3.000	1.440-1.500	30.60
MS9447-28	3.125	1.565-1.625	31.56
MS9447-29	3.250	1.690-1.750	32.52
MS9447-30	3.375	1.815-1.875	33.48
MS9447-31	3.500	1.940-2.000	34 43
MS9447-32	3.625	2.065-2.125	35.39
MS9447-33	3.750	2.190-2.250	36.35
MS9447-34	3.875	2.315-2.375	37.30
MS9447-35	4.000	2.440-2.500	38.26
MS9447-36	4.125	2.565-2.625	39.22
MS9447-37	4.250	2.690-2.750	40.18
MS9447-38	4.375	2.815-2.875	41.13
MS9447-39	4.500	2.940-3.000	42.09
MS9447-40	4.625	3.065-3.125	43.05
MS9447-41	4.750	3.190-3.250	44.00
MS9447-42	4.875	3.315-3.375	44.96
MS9447-43	5.000	3.440-3.500	45.92
MS9447-44	5.125	3.565-3.625	46.87
MS9447-45	5.250	3.690-3.750	47.83
MS9447-46	5.375	3.815-3.875	48.79
MS9447-47	5.500	3.940-4.000	49.75
MS9447-48	5.625	4.065-4.125	50.70
MS9447-49	5.750	4 190-4 250	51.66
MS9447-50	5.875	4 315-4.375	52.62
MS9447-51	6.000	4.440-4.500	53.57

1. SHANK SHALL BE STRAIGHT WITHIN .002 FIR 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 AREA.
5. MATERIAL STEEL AMS 6304.
6. HARDNESS ROCKWELL C42-46
7. FINISH DIFFUSED NICKEL-CADMIUM PLATE AMS 2416. DIMENSIONS SPECIFIED ARE AFTER PLATING. CONTACT POINTS PERMISSIBLE PD MAY BE REDUCED .0012 MAXIMUM BEFORE PLATING
8. MANUFACTURING SPECIFICATION AMS 7455 PARTS SUBJECT TO MAGNETIC PARTICLE INSPECTION PER AMS 2640 BEFORE PLATING
9. SURFACE ROUGHNESS. AS 291, UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON
10. BREAK SHARP EDGES .003 - .015 UNLESS OTHERWISE SPECIFIED
11. DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES; LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°.
12. TRUE POSITION TOLERANCES SPECIFIED ARE FOR MAXIMUM MATERIAL CONDITION.
13. DO NOT USE UNASSIGNED PART NUMBERS

AS & AMS ARE SAE PUBLICATIONS

THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE.

REVISED

APPROVED 21 DEC 62

P.A.	TITLE	MILITARY STANDARD
USAF – AFSC Other Cust NAVY – WEP	BOLT, MACHINE - STEEL AMS 6304, DIFFUSED NICKEL-CADMIUM PLATED, HEXAGON HEAD, DRILLED, .625-18 UNJF-3A	MS9447 (ASG)
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE