

FED SUP CLASS  
5306

# MS9750 (ASG)

MARK PART NO. AND MANUFACTURER'S IDENTIFICATION PER AS 47c CLASS A

WRENCHING SPECIFICATION PER AS 47c FOR THIS DISTANCE

2.000 NOM

.125 MIN

5° MAX

.100 DIA

.375

.130

.040 MIN

.025 R

.015 R

32

MAXIMUM 2 INCOMPLETE THREADS (SEE NOTE 4)

CHAMFER .031 X 45° APPROX

140° MIN

.175 DIA

.165

.190-32 UNJF-3A MIL-S-8879

32

THIS SURFACE MUST BE SQUARE WITH SHANK WITHIN .003 FIR.

35° MIN TO ROOT OF DOUBLE HEXAGON

SECTION THRU THREAD PROFILE

PART NO.	L	K	APPROX WEIGHT LB/100
MS9750-01	.312	.072-.092	.333
MS9750-02	.375	.072-.092	.411
MS9750-03	.438	.072-.092	.488
MS9750-04	.500	.072-.092	.566
MS9750-05	.562	.072-.092	.644
MS9750-06	.625	.072-.092	.722
MS9750-07	.688	.072-.092	.800
MS9750-08	.750	.072-.092	.878
MS9750-09	.812	.072-.092	.956
MS9750-10	.875	.072-.092	.1.033
MS9750-11	.938	.072-.092	.1.111
MS9750-12	1.000	.072-.092	.1.189
MS9750-13	1.062	.072-.092	.1.267
MS9750-14	1.125	.072-.092	.1.344
MS9750-15	1.188	.072-.092	.1.422
MS9750-16	1.250	.072-.092	.1.500
MS9750-17	1.312	.072-.092	.1.578
MS9750-18	1.375	.072-.092	.1.656
MS9750-19	1.438	.072-.092	.1.733
MS9750-20	1.500	.072-.092	.1.811
MS9750-21	1.562	.072-.092	.1.889
MS9750-22	1.625	.072-.092	.1.967
MS9750-23	1.688	.072-.092	.2.044
MS9750-24	1.750	.072-.092	.2.122
MS9750-25	1.812	.072-.092	.2.200
MS9750-26	1.875	.072-.092	.2.278
MS9750-27	1.938	.072-.092	.2.356
MS9750-28	2.000	.072-.092	.2.433
MS9750-29	2.062	.072-.092	.2.511
MS9750-30	2.125	.072-.092	.2.589
MS9750-31	2.188	.072-.092	.2.667
MS9750-32	2.250	.072-.092	.2.744
MS9750-33	2.312	.072-.092	.2.822
MS9750-34	2.375	.072-.092	.2.900
MS9750-35	2.438	.072-.092	.2.978
MS9750-36	2.500	.072-.092	.3.056
MS9750-37	2.562	.072-.092	.3.133
MS9750-38	2.625	.072-.092	.3.211
MS9750-39	2.688	.072-.092	.3.289
MS9750-40	2.750	.072-.092	.3.367
MS9750-41	2.812	.072-.092	.3.444
MS9750-42	2.875	.072-.092	.3.522
MS9750-43	2.938	.072-.092	.3.600
MS9750-44	3.000	.072-.092	.3.678

- SHANK SHALL BE STRAIGHT WITHIN .003 PER INCH OF BOLT LENGTH.
- THE RUNOUT OF THE SHANK IN RELATION TO THE SHANK SHALL BE WITHIN .004 FIR.
- THE RUNOUT OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON, OD SHALL BE WITHIN .006 FIR.
- INCOMPLETE THREADS NOT TO ENTER FILLET.
- MATERIAL: TITANIUM AMS 4967.
- HARDNESS: ROCKWELL C36-42.
- MANUFACTURING SPECIFICATION: AMS 7461, EXCEPT MATERIAL AS NOTED.
- FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
- SURFACE TEXTURE: USAS B47.1-1960, 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.

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

P.A. USAF - 11 Other Cues Navy - 40	TITLE BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, PD SHANK, TITANIUM AMS 4967, .190-32 UNJF-3A	MILITARY STANDARD <b>MS9750</b> (ASG)
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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