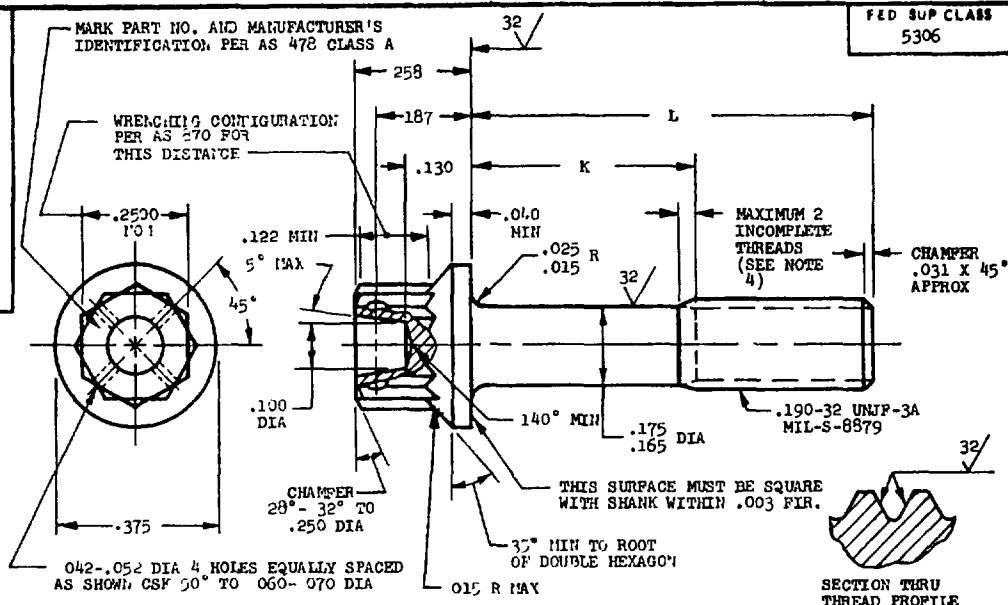


**MS9741 (ASG)**

PART NO	L	K	APPROX WEIGHT LB/100
MS9741-03	.312	.072-.092	.65
MS9741-04	.377	.072-.092	.72
MS9741-05	.435	.072-.092	.76
MS9741-06	.503	.072-.092	.80
MS9741-07	.562	.072-.092	.84
MS9741-08	.627	.072-.092	.88
MS9741-09	.685	.072-.092	.92
MS9741-10	.750	.072-.092	.96
MS9741-11	.812	.072-.092	1.00
MS9741-12	.877	.072-.092	1.03
MS9741-13	.935	.072-.092	1.07
MS9741-14	1.000	.072-.092	1.11
MS9741-15	1.062	.072-.092	1.15
MS9741-16	1.125	.072-.092	1.19
MS9741-17	1.188	.072-.092	1.23
MS9741-18	1.250	.072-.092	1.27
MS9741-19	1.312	.072-.092	1.31
MS9741-20	1.375	.072-.092	1.35
MS9741-21	1.438	.072-.092	1.39
MS9741-22	1.500	.072-.092	1.43
MS9741-23	1.562	.072-.092	1.47

PART NO.	L	K	APPROX WEIGHT LB/100
MS9741-24	1.625	.095-.115	1.51
MS9741-25	1.688	.095-.115	1.55
MS9741-26	1.750	.095-.115	1.59
MS9741-27	1.812	.095-.115	1.63
MS9741-28	1.875	.095-.115	1.67
MS9741-29	1.938	.095-.115	1.71
MS9741-30	2.000	.095-.115	1.75
MS9741-31	2.062	.095-.115	1.79
MS9741-32	2.125	.095-.115	1.83
MS9741-33	2.188	.095-.115	1.87
MS9741-34	2.250	.095-.115	1.91
MS9741-35	2.312	.095-.115	1.95
MS9741-36	2.375	.095-.115	1.99
MS9741-37	2.438	.095-.115	2.03
MS9741-38	2.500	.095-.115	2.07
MS9741-39	2.562	.095-.115	2.11
MS9741-40	2.625	.095-.115	2.15
MS9741-41	2.688	.095-.115	2.19
MS9741-42	2.750	.095-.115	2.23
MS9741-43	2.812	.095-.115	2.27
MS9741-44	2.875	.095-.115	2.31
MS9741-45	2.938	.095-.115	2.35
MS9741-46	3.000	.095-.115	2.39
MS9741-47	3.062	.095-.115	2.43
MS9741-48	3.125	.095-.115	2.47
MS9741-49	3.188	.095-.115	2.51
MS9741-50	3.250	.095-.115	2.55
MS9741-51	3.312	.095-.115	2.59
MS9741-52	3.375	.095-.115	2.63
MS9741-53	3.438	.095-.115	2.67
MS9741-54	3.500	.095-.115	2.71
MS9741-55	3.562	.095-.115	2.75
MS9741-56	3.625	.095-.115	2.79
MS9741-57	3.688	.095-.115	2.83
MS9741-58	3.750	.095-.115	2.87
MS9741-59	3.812	.095-.115	2.91
MS9741-60	3.875	.095-.115	2.95

1. SHANK SHALL BE STRAIGHT WITHIN .003 PPR 1/4 INCH OF BOLT LENGTH
2. THE RUNOUT OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR
3. THE RUNOUT OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON OD SHALL BE WITHIN .006 FIR
4. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MATERIAL: CRES AMS 5643.
6. HARDNESS: ROCKWELL C32-38.
7. MANUFACTURING SPECIFICATION: AMS 7474.
8. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
9. SURFACE TEXTURE: MIL-STD-1136. 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 ±.010, ANGULAR DIMENSIONS ±5°.
12. 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 Cost  
Navy - A-0

TITLE  
BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER  
HEAD, DRILLED, PD SHANK, CRES AMS 5643,  
190-32 UNJF-3A

**MILITARY STANDARD****MS9741 (ASG)**

PROCUREMENT SPECIFICATION

SUPERSEDES

SHEET 1 OF 1

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

306 - F050

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Review activities.

USAF - 02, 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 these activities. All other military activities are required to employ this standard where suitable.

REVISED

APPROVED

3 MAR 69