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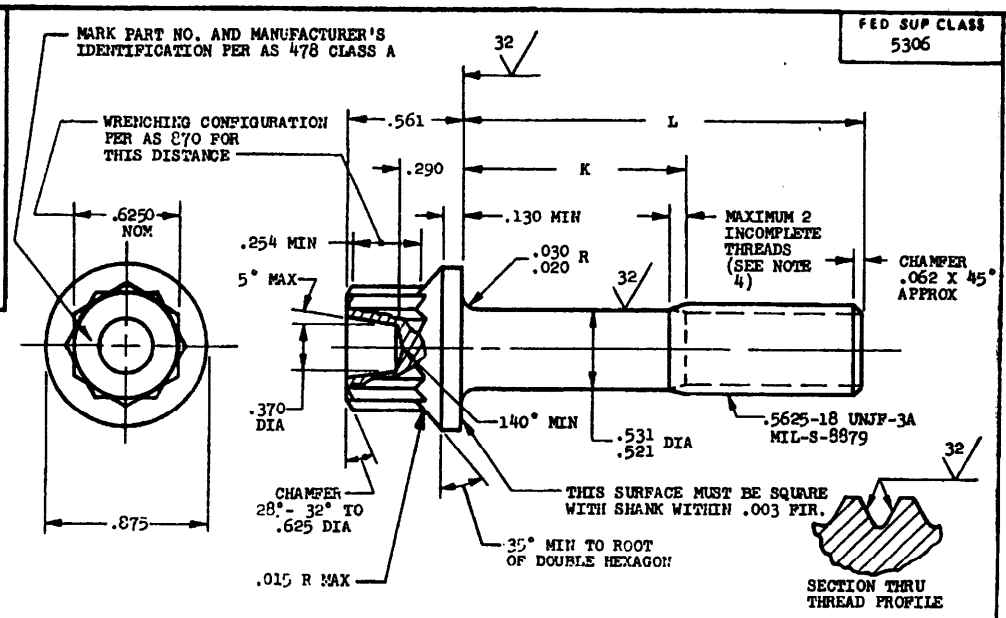
MS9738 (ASG)

FED SUP CLASS 5306



PART NO.	L	K	APPROX WEIGHT LB/100
MS9738-04	.875	.113-.133	11.53
MS9738-05	.938	.113-.133	11.91
MS9738-06	1.000	.113-.133	12.29
MS9738-07	1.062	.113-.133	12.67
MS9738-08	1.125	.113-.133	13.05
MS9738-09	1.188	.113-.133	13.43
MS9738-10	1.250	.113-.133	13.81
MS9738-11	1.312	.113-.133	14.19
MS9738-12	1.375	.113-.133	14.57
MS9738-13	1.438	.113-.133	14.95
MS9738-14	1.500	.113-.133	15.33
MS9738-15	1.562	.128-.188	15.71
MS9738-16	1.625	.190-.250	16.09
MS9738-17	1.688	.252-.312	16.47
MS9738-18	1.750	.315-.375	16.85
MS9738-19	1.812	.378-.438	17.23
MS9738-20	1.875	.440-.500	17.61
MS9738-21	2.000	.565-.625	18.37

PART NO.	L	K	APPROX WEIGHT LB/100
MS9738-22	2.125	.690- .750	19.13
MS9738-23	2.250	.815- .875	19.89
MS9738-24	2.375	.940-1.000	20.65
MS9738-25	2.500	1.065-1.125	21.41
MS9738-26	2.625	1.190-1.250	22.17
MS9738-27	2.750	1.315-1.375	22.93
MS9738-28	2.875	1.440-1.500	23.69
MS9738-29	3.000	1.565-1.625	24.45
MS9738-30	3.125	1.690-1.750	25.21
MS9738-31	3.250	1.815-1.875	25.97
MS9738-32	3.375	1.940-2.000	26.73
MS9738-33	3.500	2.065-2.125	27.49
MS9738-34	3.625	2.190-2.250	28.25
MS9738-35	3.750	2.315-2.375	29.01
MS9738-36	3.875	2.440-2.500	29.77
MS9738-37	4.000	2.565-2.625	30.53
MS9738-38	4.125	2.690-2.750	31.29
MS9738-39	4.250	2.815-2.875	32.05

PART NO.	L	K	APPROX WEIGHT LB/100
MS9738-40	4.375	2.940-3.000	32.81
MS9738-41	4.500	3.065-3.125	33.57
MS9738-42	4.625	3.190-3.250	34.33
MS9738-43	4.750	3.315-3.375	35.09
MS9738-44	4.875	3.440-3.500	35.85
MS9738-45	5.000	3.565-3.625	36.61
MS9738-46	5.125	3.690-3.750	37.37
MS9738-47	5.250	3.815-3.875	38.13
MS9738-48	5.375	3.940-4.000	38.89
MS9738-49	5.500	4.065-4.125	39.65
MS9738-50	5.625	4.190-4.250	40.41
MS9738-51	5.750	4.315-4.375	41.17
MS9738-52	5.875	4.440-4.500	41.93
MS9738-53	6.000	4.565-4.625	42.69

1. THE SHANK SHALL BE STRAIGHT WITHIN .002 PER 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 .013 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: USAS B46.1-1962. 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.

APPROVED 3 Mar 69 REVISED

Review activities: USAF - 82, 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.

P.A. USAF - 11 Other Cust Navy - AS	TITLE BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, PD SHANK, CRES AMS 5643, .5625-18 UNJF-3A	MILITARY STANDARD MS9738 (ASG)
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 1 OF 1

DD FORM 1 SEP 57 672-1 (Limited coordination) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. 5306 - F049

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