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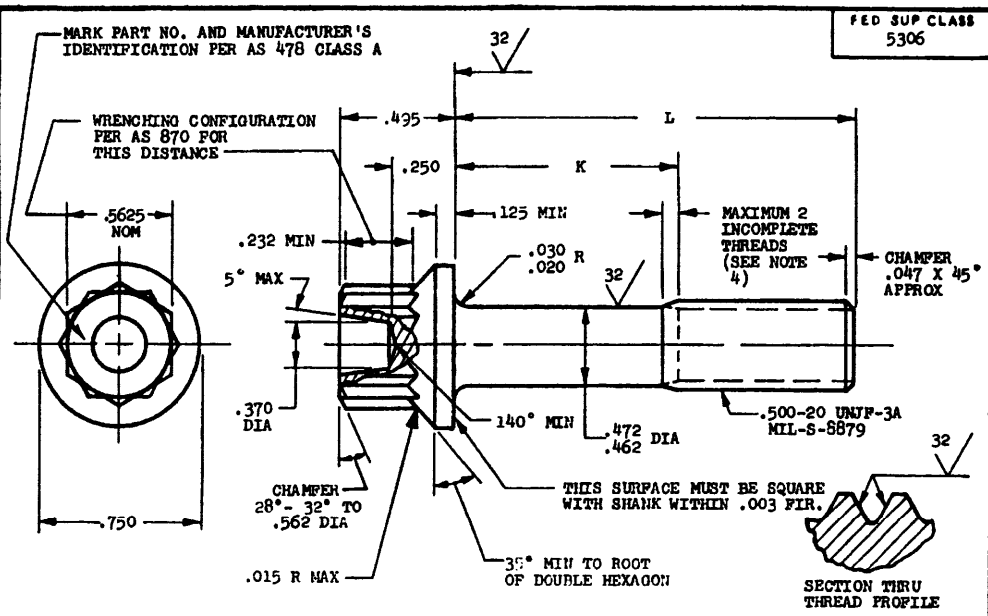
MS9737 (ASG)

FED SUP CLASS 5306



PART NO.	L	K	APPROX WEIGHT LB/100
MS9737-04	.812	.105-.125	7.97
MS9737-05	.875	.105-.125	8.27
MS9737-06	.938	.105-.125	8.57
MS9737-07	1.000	.105-.125	8.87
MS9737-08	1.062	.105-.125	9.17
MS9737-09	1.125	.105-.125	9.46
MS9737-10	1.188	.105-.125	9.76
MS9737-11	1.250	.105-.125	10.06
MS9737-12	1.312	.105-.125	10.36
MS9737-13	1.375	.105-.125	10.66
MS9737-14	1.438	.128-.158	10.96
MS9737-15	1.500	.190-.250	11.26
MS9737-16	1.562	.252-.312	11.56
MS9737-17	1.625	.315-.375	11.86
MS9737-18	1.688	.375-.438	12.16
MS9737-19	1.750	.440-.500	12.46
MS9737-20	1.812	.502-.562	12.75
MS9737-21	1.875	.565-.625	13.05

PART NO.	L	K	APPROX WEIGHT LB/100
MS9737-22	2.000	.690- .750	13.65
MS9737-23	2.125	.815- .875	14.25
MS9737-24	2.250	.940-1.000	14.85
MS9737-25	2.375	1.065-1.125	15.44
MS9737-26	2.500	1.190-1.250	16.04
MS9737-27	2.625	1.315-1.375	16.64
MS9737-28	2.750	1.440-1.500	17.24
MS9737-29	2.875	1.565-1.625	17.84
MS9737-30	3.000	1.690-1.750	18.44
MS9737-31	3.125	1.815-1.875	19.03
MS9737-32	3.250	1.940-2.000	19.63
MS9737-33	3.375	2.065-2.125	20.23
MS9737-34	3.500	2.190-2.250	20.83
MS9737-35	3.625	2.315-2.375	21.42
MS9737-36	3.750	2.440-2.500	22.02
MS9737-37	3.875	2.565-2.625	22.62
MS9737-38	4.000	2.690-2.750	23.22
MS9737-39	4.125	2.815-2.875	23.82

PART NO.	L	K	APPROX WEIGHT LB/100
MS9737-40	4.250	2.940-3.000	24.42
MS9737-41	4.375	3.065-3.125	25.01
MS9737-42	4.500	3.190-3.250	25.61
MS9737-43	4.625	3.315-3.375	26.21
MS9737-44	4.750	3.440-3.500	26.81
MS9737-45	4.875	3.565-3.625	27.40
MS9737-46	5.000	3.690-3.750	28.00
MS9737-47	5.125	3.815-3.875	28.60
MS9737-48	5.250	3.940-4.000	29.20
MS9737-49	5.375	4.065-4.125	29.80
MS9737-50	5.500	4.190-4.250	30.40
MS9737-51	5.625	4.315-4.375	30.99
MS9737-52	5.750	4.440-4.500	31.59
MS9737-53	5.875	4.565-4.625	32.19
MS9737-54	6.000	4.690-4.750	32.79

1. 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 .012 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.

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.
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	TITLE	MILITARY STANDARD
Other Cust: Navy - AS	BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, PD SHANK, CRES AMS 5643, .500-20 UNJF-3A	MS9737 (ASG)
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 1 OF 1

DD FORM 1 SEP 67 672-1 (Limited coordination) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. 5300 - Page

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