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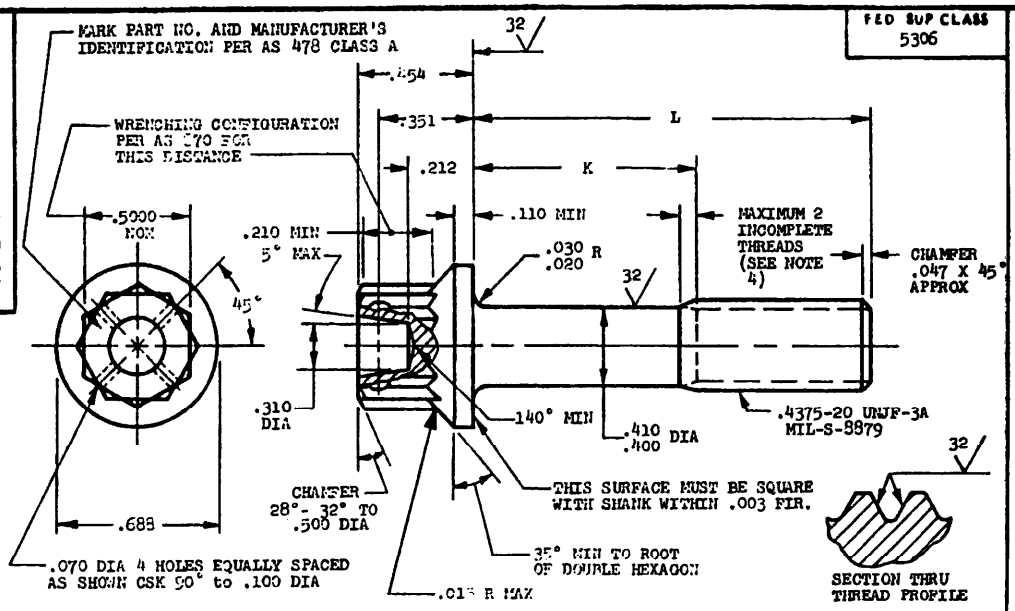
MS9745 (ASG)

FED SUP CLASS 5306



PART NO.	L	K	APPROX WEIGHT LB/100
MS9745-04	.688	.105-.125	5.51
MS9745-05	.750	.105-.125	5.74
MS9745-06	.812	.105-.125	5.96
MS9745-07	.875	.105-.125	6.19
MS9745-08	.938	.105-.125	6.41
MS9745-09	1.000	.105-.125	6.64
MS9745-10	1.062	.105-.125	6.86
MS9745-11	1.125	.105-.125	7.09
MS9745-12	1.188	.105-.125	7.32
MS9745-13	1.250	.105-.125	7.54
MS9745-14	1.312	.128-.188	7.77
MS9745-15	1.375	.190-.250	8.00
MS9745-16	1.438	.252-.312	8.22
MS9745-17	1.500	.315-.375	8.45
MS9745-18	1.562	.378-.438	8.67
MS9745-19	1.625	.440-.500	8.90
MS9745-20	1.688	.502-.562	9.13
MS9745-21	1.750	.565-.625	9.3

PART NO.	L	K	APPROX WEIGHT LB/100
MS9745-22	1.812	.628- .688	9.58
MS9745-23	1.875	.690- .750	9.80
MS9745-24	2.000	.815- .875	10.26
MS9745-25	2.125	.940-1.000	10.71
MS9745-26	2.250	1.065-1.125	11.16
MS9745-27	2.375	1.190-1.250	11.61
MS9745-28	2.500	1.315-1.375	12.06
MS9745-29	2.625	1.440-1.500	12.52
MS9745-30	2.750	1.565-1.625	12.97
MS9745-31	2.875	1.690-1.750	13.42
MS9745-32	3.000	1.815-1.875	13.87
MS9745-33	3.125	1.940-2.000	14.32
MS9745-34	3.250	2.065-2.125	14.78
MS9745-35	3.375	2.190-2.250	15.23
MS9745-36	3.500	2.315-2.375	15.68
MS9745-37	3.625	2.440-2.500	16.13
MS9745-38	3.750	2.565-2.625	16.58
MS9745-39	3.875	2.690-2.750	17.03

PART NO.	L	K	APPROX WEIGHT LB/100
MS9745-40	4.000	2.815-2.875	17.49
MS9745-41	4.125	2.940-3.000	17.94
MS9745-42	4.250	3.065-3.125	18.39
MS9745-43	4.375	3.190-3.250	18.84
MS9745-44	4.500	3.315-3.375	19.30
MS9745-45	4.625	3.440-3.500	19.75
MS9745-46	4.750	3.565-3.625	20.20
MS9745-47	4.875	3.690-3.750	20.65
MS9745-48	5.000	3.815-3.875	21.10
MS9745-49	5.125	3.940-4.000	21.56
MS9745-50	5.250	4.065-4.125	22.01
MS9745-51	5.375	4.190-4.250	22.46
MS9745-52	5.500	4.315-4.375	22.91
MS9745-53	5.625	4.440-4.500	23.36
MS9745-54	5.750	4.565-4.625	23.82
MS9745-55	5.875	4.690-4.750	24.27
MS9745-56	6.000	4.815-4.875	24.72

1. SHANK SHALL BE STRAIGHT WITHIN .0025 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 .010 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 May 66 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, DRILLED, PD SHANK, CRES AMS 5643, .4375-20 UNJF-3A	MILITARY STANDARD MS9745 (ASG)
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 1 OF 1

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

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