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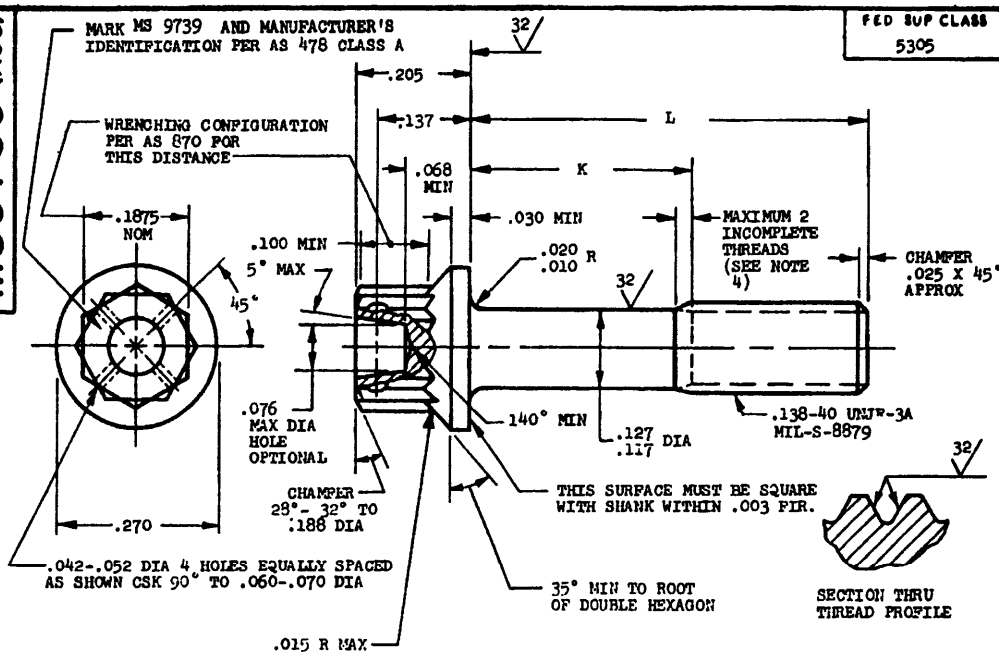
MS9739 (ASG)

FED SUP CLASS 5305



PART NO.	L	K	APPROX WEIGHT LB/100
MS9739-01	.188	.058-.078	.26
MS9739-02	.250	.058-.078	.28
MS9739-03	.312	.058-.078	.30
MS9739-04	.375	.058-.078	.32
MS9739-05	.438	.058-.078	.34
MS9739-06	.500	.058-.078	.36
MS9739-07	.562	.058-.078	.38
MS9739-08	.625	.058-.090	.40
MS9739-09	.688	.102-.162	.42
MS9739-10	.750	.164-.224	.44
MS9739-11	.812	.226-.286	.46
MS9739-12	.875	.289-.349	.48

PART NO.	L	K	APPROX WEIGHT LB/100
MS9739-13	.938	.352-.412	.50
MS9739-14	1.000	.414-.474	.52
MS9739-15	1.062	.476-.536	.54
MS9739-16	1.125	.539-.599	.56
MS9739-17	1.188	.602-.662	.58
MS9739-18	1.250	.664-.724	.60
MS9739-19	1.312	.726-.786	.62
MS9739-20	1.375	.789-.849	.64
MS9739-21	1.438	.852-.912	.67
MS9739-22	1.500	.914-.974	.69

1. SHANK SHALL BE STRAIGHT WITHIN .003 PER INCH OF SCREW 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 .004 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.

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.

APPROVED , May 69 REVISED

P.A. USAF - 11 Other Cust Navy - AS	TITLE SCREW, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, CRES AMS 5643, .138-40 UNJF-3A	MILITARY STANDARD MS9739 (ASG)
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 1 OF 1

DD FORM 1 SEP 67 672-1 (Limited coordination) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. 5305 - F013

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