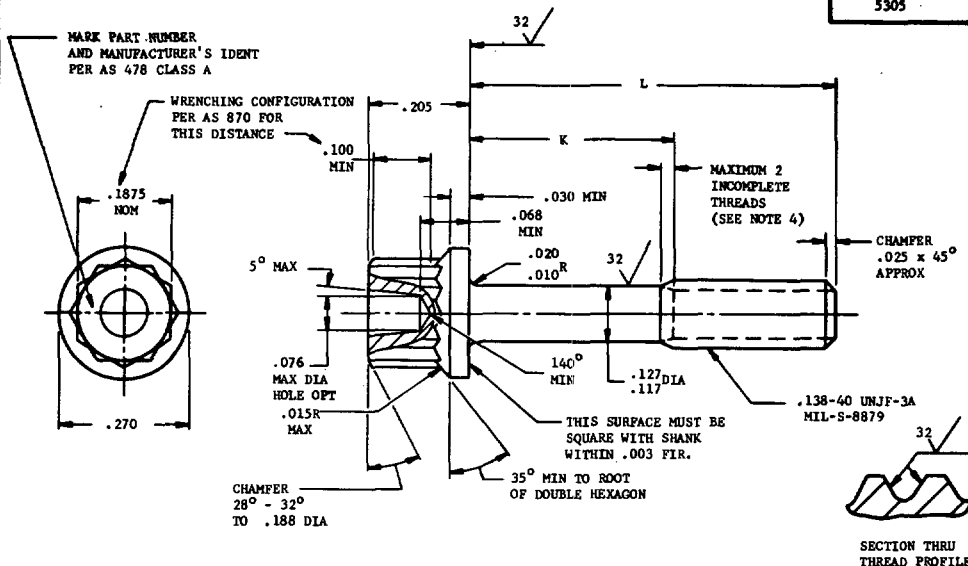


MS 9883 (ASG)**FED. SUP CLASS**
5305

PART NO.	L	K	APPROX. WEIGHT LB/100
MS9883-01	.188	.058-.078	.270
MS9883-02	.250	.058-.078	.291
MS9883-03	.312	.058-.078	.312
MS9883-04	.375	.058-.078	.334
MS9883-05	.438	.058-.078	.354
MS9883-06	.500	.058-.078	.375
MS9883-07	.562	.058-.078	.394
MS9883-08	.625	.058-.099	.415
MS9883-09	.688	.102-.162	.436
MS9883-10	.750	.164-.224	.457
MS9883-11	.812	.226-.286	.478
MS9883-12	.875	.289-.349	.498

PART NO.	L	K	APPROX. WEIGHT LB/100
MS9883-13	.938	.352-.412	.517
MS9883-14	1.000	.414-.474	.538
MS9883-15	1.062	.476-.536	.559
MS9883-16	1.125	.539-.599	.581
MS9883-17	1.188	.602-.662	.601
MS9883-18	1.250	.664-.724	.621
MS9883-19	1.312	.726-.786	.642
MS9883-20	1.375	.789-.849	.663
MS9883-21	1.438	.852-.912	.684
MS9883-22	1.500	.914-.974	.704

Review activities: USAF - 82, 85

This military standard is approved by the Department of the Air Force and the Navy Air Systems Command and is mandatory for use by these activities. All other military activities are required to employ this standard where suitable.

1. SHANK SHALL BE STRAIGHT WITHIN .003 PER INCH OF SCREW LENGTH.
2. THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
3. THE CONCENTRICITY 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: CORROSION RESISTANT STEEL AMS 5616.
6. MANUFACTURING SPECIFICATION: AMS 7470 EXCEPT HEAD SHALL BE UPSET.
7. HEAD TO SHANK FILLET SHALL BE COLD ROLLED AFTER HEAT TREATMENT TO REMOVE ALL VISUAL EVIDENCE OF GRINDING OR TOOL MARKS.
8. HARDNESS: ROCKWELL C32-38.
9. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
10. MAGNETIC PARTICLE INSPECTION PER AMS 2640.
11. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
12. DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°.
13. 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 DIVISION.

P.A. USAF - 11	TITLE	MILITARY STANDARD
Other Cust Navy - AS	SCREW, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, AMS 5616, .138-40 UNJF-3A	MS 9883 (ASG)
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 1 OF 1

DD FORM 1 SEP 67 672-1 (Limited coordination)
ASG use only

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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APPROVED 3 MAR 69 REVISED