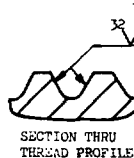
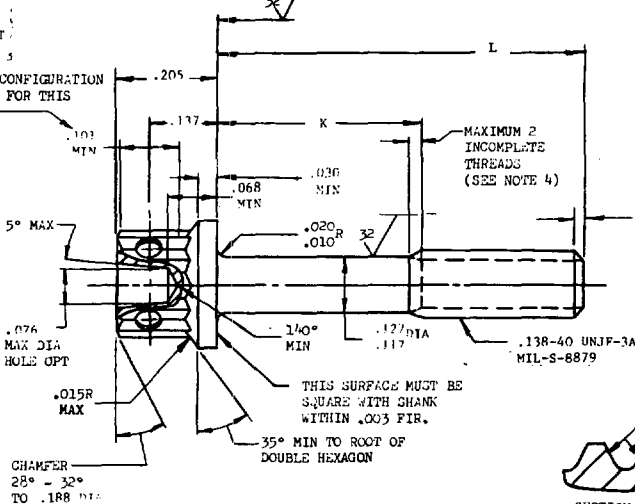
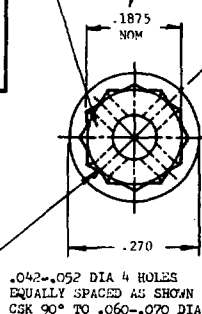


MS9921 (ASG)

MARK MS9921
AND MANUFACTURER'S IDENT
PER AS 478 CLASS A

WRENCHING CONFIGURATION
PER AS 870 FOR THIS
DISTANCE



PART NO.	L	K	APPROX WEIGHT LB/100	PART NO.	L	K	APPROX WEIGHT LB/100
MS9921-02	.250	.058-.078	.271	MS9921-16	1.125	.530-.599	.561
MS9921-03	.312	.058-.078	.291	MS9921-17	1.188	.602-.662	.581
MS9921-04	.375	.058-.078	.313	MS9921-18	1.250	.664-.724	.603
MS9921-05	.438	.058-.078	.335	MS9921-19	1.312	.726-.786	.623
MS9921-06	.500	.058-.078	.355	MS9921-20	1.375	.789-.849	.644
MS9921-07	.562	.058-.078	.375	MS9921-21	1.438	.852-.912	.665
MS9921-08	.625	.058-.078	.396	MS9921-22	1.500	.914-.974	.685
MS9921-09	.688	.058-.078	.417	MS9921-23	1.562	.976-1.036	.705
MS9921-10	.750	.058-.078	.437	MS9921-24	1.625	1.039-1.099	.726
MS9921-11	.812	.058-.078	.458	MS9921-25	1.688	1.102-1.162	.746
MS9921-12	.875	.058-.078	.478	MS9921-26	1.750	1.164-1.224	.767
MS9921-13	.938	.058-.078	.499	MS9921-27	1.812	1.226-1.286	.787
MS9921-14	1.000	.058-.078	.520	MS9921-28	1.875	1.289-1.349	.808
MS9921-15	1.062	.058-.078	.540	MS9921-29	1.938	1.352-1.412	.828
				MS9921-30	2.000	1.414-1.474	.849

- SHANK SHALL BE STRAIGHT WITHIN .003 PER INCH OF SCREW LENGTH.
- THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
- THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON OD SHALL BE WITHIN .004 FIR.
- INCOMPLETE THREADS NOT TO ENTER FILLET.
- MATERIAL: STEEL AMS 6322.
- HARDNESS: ROCKWELL C26-32.
- FINISH: CADMIUM PLATE AMS 2400. DIMENSIONS SPECIFIED ARE AFTER PLATING.
- MANUFACTURING SPECIFICATION: AMS 7452 CYCPT HEAD SHALL BE UPSET.
- HEAD TO SHANK FILLET SHALL BE COLD WORKED.
- MAGNETIC PARTICLE INSPECTION PER AMS 2640 AFTER PLATING.
- SURFACE TEXTURE: USAS 846.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
- BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED. TOLERANCES: LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$
- 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 Cost	SCREW, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, STEEL AMS 6322, CADMIUM PLATED .138-40 UNJF-3A	MS9921 (ASG)
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 1 OF 1

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

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

☆ U.S. GOVERNMENT PRINTING OFFICE: 1969-393-065/5-1791

Review activities:
USAF - 82, 85

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

APPROVED 15 AUG 69 REVISED