



MS9912 (ASG)

FED. SUP CLASS
5305

PART NO.	L	K	APPROX. WEIGHT LB/100	PART NO.	L	K	APPROX. WEIGHT LB/100
MS9912-02	.250	.058-.078	.283	MS9912-16	1.125	.539-.599	.573
MS9912-03	.312	.058-.078	.304	MS9912-17	1.188	.602-.662	.601
MS9912-04	.375	.058-.078	.325	MS9912-18	1.250	.664-.724	.615
MS9912-05	.438	.058-.078	.346	MS9912-19	1.312	.726-.786	.635
MS9912-06	.500	.058-.078	.367	MS9912-20	1.375	.789-.849	.656
MS9912-07	.562	.058-.078	.387	MS9912-21	1.438	.852-.912	.677
MS9912-08	.625	.058-.099	.408	MS9912-22	1.500	.914-.974	.697
MS9912-09	.688	.102-.162	.429	MS9912-23	1.562	.976-1.036	.717
MS9912-10	.750	.164-.224	.449	MS9912-24	1.625	1.039-1.099	.737
MS9912-11	.812	.226-.286	.478	MS9912-25	1.688	1.102-1.162	.758
MS9912-12	.875	.289-.349	.490	MS9912-26	1.750	1.164-1.224	.778
MS9912-13	.938	.352-.412	.511	MS9912-27	1.812	1.226-1.286	.799
MS9912-14	1.000	.414-.474	.532	MS9912-28	1.875	1.289-1.349	.820
MS9912-15	1.062	.476-.536	.552	MS9912-29	1.938	1.352-1.412	.840
				MS9912-30	2.000	1.414-1.474	.861

Review activities:
USAF - 02, 85

This military standard is approved by the Department of the Air Force and the Department of Army, Navy, and the Department of Defense. All other military activities are required to employ this standard where applicable.

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: STEEL AMS 6322.
6. HARDNESS: ROCKWELL C26-32.
7. FINISH: CADMIUM PLATE AMS 2400. DIMENSIONS SPECIFIED ARE AFTER PLATING.
8. MANUFACTURING SPECIFICATION: AMS 7452 EXCEPT HEAD SHALL BE UPSET.
9. HEAD TO SHANK FILLET SHALL BE COLD WORKED.
10. MAGNETIC PARTICLE INSPECTION PER AMS 2640 AFTER PLATING.
11. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
12. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
13. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ±.010, ANGULAR DIMENSIONS ±5°.
14. DO NOT USE UNASSIGNED PART NUMBERS.

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THIS STANDARD HAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIVISION.

P.A. USAF - 11	WTLZ	MILITARY STANDARD
Other Cost	SCREW, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, PD SHANK, STEEL AMS 6322, CADMIUM PLATED, .138-40 UNJF-3A	MS9912 (ASG)
PLACEMENT SPECIFICATIONS	SUPPLEMENTAL	EXPIRY 1 67 1

DD FORM 672-1 (limited circulation)
15 use only

APPROVED 15 Aug 69 REVISED