

MS9923 (ASG)BASE PART NUMBER
AND MANUFACTURER'S IDENT
PER AS 495 CLASS AWORKING CONCENTRICITY
PER AS 490 FOR TELL
DISTANCES.042-.052 DIA 4 HOLES
EQUALLY SPACED AS SHOWN
ONE 90° TO .040-.070 DIACHAMFER
20° - 5°
TO .070 DIATHIS SURFACE MUST BE
GRIND - JTH SHANK
WITHIN .003 FIR.35° MIN TO ROOT OF
ROUNDED RACKINGMAXIMUM 2
EXCESSIVE LEFT
TOLERANCE
(SEE NOTE 4)CHAMFER
.031 ± .015
APPROXSECTION THRU
TYPICAL PROFILE

PART NO.	L	R	APPROX WEIGHT LB/100	PART NO.	L	R	APPROX WEIGHT LB/100	PART NO.	L	R	APPROX WEIGHT LB/100
MS9923-03	.332	.077-.092	.65	MS9923-21	1.438	.948-.808	1.36	MS9923-39	1.125	2.435-2.495	2.44
MS9923-04	.375	.072-.092	.69	MS9923-22	1.500	.820-.870	1.40	MS9923-40	1.270	2.340-2.420	2.52
MS9923-05	.438	.070-.092	.72	MS9923-23	1.562	.870-.932	1.45	MS9923-41	1.375	2.685-2.745	2.61
MS9923-06	.500	.072-.092	.76	MS9923-24	1.625	.935-.995	1.49	MS9923-42	1.500	2.820-2.870	2.69
MS9923-07	.562	.072-.092	.80	MS9923-25	1.688	.970-1.038	1.52	MS9923-43	1.625	2.935-2.995	2.77
MS9923-08	.625	.070-.092	.84	MS9923-26	1.750	1.060-1.120	1.56	MS9923-44	1.750	3.040-3.120	2.85
MS9923-09	.688	.072-.092	.88	MS9923-27	1.812	1.122-1.182	1.60	MS9923-45	1.875	3.185-3.245	2.93
MS9923-10	.750	.070-.092	.92	MS9923-28	1.875	1.185-1.245	1.64				
MS9923-11	.812	.122-.182	.96	MS9923-29	1.938	1.248-1.308	1.68				
MS9923-12	.875	.185-.245	1.00	MS9923-30	2.000	1.310-1.370	1.72				
MS9923-13	.938	.248-.308	1.04	MS9923-31	2.125	1.435-1.495	1.80				
MS9923-14	1.000	.310-.370	1.08	MS9923-32	2.250	1.560-1.620	1.88				
MS9923-15	1.062	.372-.432	1.12	MS9923-33	2.375	1.685-1.745	1.96				
MS9923-16	1.125	.435-.495	1.16	MS9923-34	2.500	1.810-1.870	2.04				
MS9923-17	1.188	.498-.558	1.20	MS9923-35	2.625	1.935-1.995	2.12				
MS9923-18	1.250	.560-.620	1.24	MS9923-36	2.750	2.060-2.120	2.20				
MS9923-19	1.312	.622-.682	1.28	MS9923-37	2.875	2.185-2.245	2.28				
MS9923-20	1.375	.685-.745	1.32	MS9923-38	3.000	2.310-2.370	2.36				

1. SHANK SHALL BE STRAIGHT WITHIN .003 PER INCH OF BOLT LENGTH.
2. THE CONCENTRICITY OF THE SHANK TO THE BOLT SHALL BE WITHIN .006 FIR.
3. THE CONCENTRICITY OF THE SHANK IN RELATION TO THE BOLT FACE DIAMETER AND ROUNDED RACKING SHALL BE WITHIN .006 FIR.
4. TYPICAL TOLERANCE NOT TO EXCEED .001.
5. MATERIAL: STEEL, AHS 6322.
6. FINISH: MILLING, 32-36.
7. FINISH: CAMBRIUM PLATE, AHS 2400. DIMENSIONS SPECIFIED ARE AFTER FINISHING.
8. MANUFACTURING SPECIFICATION: AHS 7447. FINISH SHALL BE SPKTY.
9. HEAD TO SHANK FILLET SHALL BE ROUNDED.
10. MAGNETIC PARTICLE INSPECTION FOR AHS 2400 AFTER FINISHING.
11. SURFACE TEXTURE: SEAL 946, 1-1962. UNLESS OTHERWISE SPECIFIED, SURFACE TO BE 125 MICROINCHES EXCEPT SPKTY HEAD.
12. BREAK SHANK HEADS .003-.015 UNLESS OTHERWISE SPECIFIED.
13. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS .010, ANGULAR DIMENSIONS .5°.
14. DO NOT USE QUALIFIED PART NUMBER.

AS A AND ARE SUBJECT OF ALTERNATIVE PROPOSALS FOR DISPOSITION
THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE AIR FORCE/NAVY PART STANDARD DIVISION

P A 104P - 11	TITLE	MILITARY STANDARD
Other Code	NAVY - AS	MS9923 (ASG)
PROPOSED SPECIFICATION	SUPERSEDES	SHEET 1 OF 1

DD FORM 672-1 (Limited circulation)
AND use only

PREVIOUS EDITIONS OF THIS STANDARD ARE OBSOLETE

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DATE

DRAWN BY _____
 TYPED BY _____
 CHECKED BY _____

NOTES TO PRINTER: REDUCE BORDER TO 4-27/55-9 3/4. PRINT LEFT
 BORDER-LINE ONE INCH FROM LEFT EDGE OF 8-10-1/2 SHEET
 PRINT BOTTOM BORDER LINE 3/8 INCH FROM BOTTOM EDGE OF 8-10-1/2
 SHEET. SIGNATURE FROM NOT TO BE INCLUDED ON 8-10-1/2 SHEET

04 11000

APPROVED 15 Aug 69 REVISED

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

on activities:
NAF - 88, 85