

MS9917 (ASG)				FED. SPP CLASS 5306																																																																																																																																																																																																																																																																							
<p>MARK PART NUMBER AND MANUFACTURER'S IDENT PER AS 476 CLASS A</p> <p>WRENCHING CONFIGURATION PER AS 870 FOR THIS DISTANCE</p> <p>5° MAX</p> <p>.260 DIA</p> <p>.015H MAX</p> <p>CHAMFER 28° - 32° TO .438 DIA</p> <p>35° MIN TO ROOT OF DOUBLE HEXAGON</p> <p>THIS SURFACE MUST BE SQUARE WITH SHANK WITHIN .003 FIR.</p> <p>MAXIMUM 2 INCOMPLETE THREADS (SEE NOTE 4)</p> <p>CHAMFER .047 x 45° APPROX.</p> <p>SECTION THRU THREAD PROFILE</p>																																																																																																																																																																																																																																																																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PART NO.</th> <th>L</th> <th>K</th> <th>APPROX. WEIGHT LB/100</th> <th>PART NO.</th> <th>L</th> <th>K</th> <th>APPROX. WEIGHT LB/100</th> <th>PART NO.</th> <th>L</th> <th>K</th> <th>APPROX. 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WEIGHT LB/100	MS9917-03	.562	.088-.108	3.20	MS9917-21	1.688	.628-.688	6.25	MS9917-42	4.000	2.940-3.000	12.43	MS9917-04	.625	.088-.108	3.37	MS9917-22	1.750	.690-.750	6.39	MS9917-43	4.125	3.065-3.125	12.77	MS9917-05	.688	.088-.108	3.54	MS9917-23	1.812	.752-.812	6.56	MS9917-44	4.250	3.190-3.250	13.10	MS9917-06	.750	.088-.108	3.71	MS9917-24	1.875	.815-.875	6.73	MS9917-45	4.375	3.315-3.375	13.44	MS9917-07	.812	.088-.108	3.87	MS9917-25	1.938	.878-.938	6.89	MS9917-46	4.500	3.440-3.500	13.77	MS9917-08	.875	.088-.108	4.04	MS9917-26	2.000	.940-1.000	7.07	MS9917-47	4.625	3.565-3.625	14.11	MS9917-09	.938	.088-.108	4.21	MS9917-27	2.125	1.065-1.125	7.40	MS9917-48	4.750	3.690-3.750	14.45	MS9917-10	1.000	.088-.108	4.38	MS9917-28	2.250	1.190-1.250	7.74	MS9917-49	4.875	3.815-3.875	14.78	MS9917-11	1.062	.088-.108	4.54	MS9917-29	2.375	1.315-1.375	8.07	MS9917-50	5.000	3.940-4.000	15.12	MS9917-12	1.125	.088-.125	4.71	MS9917-30	2.500	1.440-1.500	8.40	MS9917-51	5.125	4.065-4.125	15.45	MS9917-13	1.188	.128-.188	4.88	MS9917-31	2.625	1.565-1.625	8.74	MS9917-52	5.250	4.190-4.250	15.79	MS9917-14	1.250	.190-.250	5.05	MS9917-32	2.750	1.690-1.750	9.08	MS9917-53	5.375	4.315-4.375	16.13	MS9917-15	1.312	.252-.312	5.21	MS9917-33	2.875	1.815-1.875	9.41	MS9917-54	5.500	4.440-4.500	16.46	MS9917-16	1.375	.315-.375	5.38	MS9917-34	3.000	1.940-2.000	9.75	MS9917-55	5.625	4.565-4.625	16.80	MS9917-17	1.438	.378-.438	5.55	MS9917-35	3.125	2.065-2.125	10.08	MS9917-56	5.750	4.690-4.750	17.13	MS9917-18	1.500	.440-.500	5.72	MS9917-36	3.250	2.190-2.250	10.42	MS9917-57	5.875	4.815-4.875	17.47	MS9917-19	1.562	.502-.562	5.90	MS9917-37	3.375	2.315-2.375	10.76	MS9917-58	6.000	4.940-5.000	17.80	MS9917-20	1.625	.565-.625	6.06	MS9917-38	3.500	2.440-2.500	11.09									MS9917-39	3.625	2.565-2.625	11.43									MS9917-40	3.750	2.690-2.750	11.76									MS9917-41	3.875	2.815-2.875	12.10				
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<p>1. SHANK SHALL BE STRAIGHT WITHIN .0025 PER INCH OF BOLT LENGTH.</p> <p>2. THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.</p> <p>3. THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON OD SHALL BE WITHIN .009 FIR.</p> <p>4. INCOMPLETE THREADS NOT TO ENTER FILLET.</p> <p>5. MATERIAL: STEEL AMS 6322.</p> <p>6. HARDNESS: ROCKWELL C26-32.</p> <p>7. FINISH: CADMIUM PLATE AMS 2400. DIMENSIONS SPECIFIED ARE AFTER PLATING.</p> <p>8. MANUFACTURING SPECIFICATION: AMS 7452 EXCEPT HEAD SHALL BE UPSET.</p> <p>9. HEAD TO SHANK FILLET SHALL BE COLD WORKED.</p> <p>10. MAGNETIC PARTICLE INSPECTION PER AMS 2640 AFTER PLATING.</p> <p>11. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.</p> <p>12. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.</p> <p>13. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ±.010, ANGULAR DIMENSIONS ±5°.</p> <p>14. DO NOT USE UNASSIGNED PART NUMBERS.</p>																																																																																																																																																																																																																																																																											
<p>AS &amp; AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.</p> <p>THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIVISION.</p>																																																																																																																																																																																																																																																																											
<p>P.A. USAF - 11</p> <p>Other Case</p> <p>Navy - AS</p>				<p>TITLE</p> <p>BOLT, MACHINE - DOUBLE HEXAGON EXTENDED</p> <p>WASHER HEAD, PD SHANK, STEEL AMS 6322,</p> <p>CADMIUM PLATED, .375-24 UNJF-3A</p>				<p>MILITARY STANDARD</p> <p><b>MS9917</b> (ASG)</p>																																																																																																																																																																																																																																																																			
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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.

Review activities:  
USAF - 82, 85