

MS9744 (ASG)				FED SUP CLASS 5306																																																																																																																																																																																																																																			
				<p>SECTION THRU THREAD PROFILE</p>																																																																																																																																																																																																																																			
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L	K	APPROX WEIGHT LB/100	MS9744-22	1.750	.160-.175	6.43	MS9744-23	1.812	.160-.175	6.60	MS9744-24	1.875	.160-.175	6.76	MS9744-25	1.938	.160-.175	6.93	MS9744-26	2.000	.160-.175	7.10	MS9744-27	2.062	.160-.175	7.27	MS9744-28	2.125	.160-.175	7.43	MS9744-29	2.188	.160-.175	7.60	MS9744-30	2.250	.160-.175	7.76	MS9744-31	2.312	.160-.175	7.93	MS9744-32	2.375	.160-.175	8.10	MS9744-33	2.438	.160-.175	8.27	MS9744-34	2.500	.160-.175	8.43	MS9744-35	2.562	.160-.175	8.60	MS9744-36	2.625	.160-.175	8.76	MS9744-37	2.688	.160-.175	8.93	MS9744-38	2.750	.160-.175	9.10	MS9744-39	2.812	.160-.175	9.27	MS9744-40	2.875	.160-.175	9.43	MS9744-41	2.938	.160-.175	9.60	MS9744-42	3.000	.160-.175	9.76	MS9744-43	3.062	.160-.175	9.93	MS9744-44	3.125	.160-.175	10.10	MS9744-45	3.188	.160-.175	10.27	MS9744-46	3.250	.160-.175	10.43	MS9744-47	3.312	.160-.175	10.60	MS9744-48	3.375	.160-.175	10.76	MS9744-49	3.438	.160-.175	10.93	MS9744-50	3.500	.160-.175	11.10	MS9744-51	3.562	.160-.175	11.27	MS9744-52	3.625	.160-.175	11.43	MS9744-53	3.688	.160-.175	11.60	MS9744-54	3.750	.160-.175	11.76	MS9744-55	3.812	.160-.175	11.93	MS9744-56	3.875	.160-.175	12.10	MS9744-57	3.938	.160-.175	12.27
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<p>1. SHANK SHALL BE STRAIGHT WITHIN .0025 PER INCH OF BOLT LENGTH.</p> <p>2. THE RUNOUT OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .005 FIR.</p> <p>3. THE RUNOUT OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON OD SHALL BE WITHIN .005 FIR.</p> <p>4. INCOMPLETE THREADS NOT TO ENTER PILLET.</p> <p>5. MATERIAL: CRES AMS 5643.</p> <p>6. HARDNESS: ROCKWELL C32-35.</p> <p>7. MANUFACTURING SPECIFICATION: AMS 7474.</p> <p>8. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.</p> <p>9. SURFACE TEXTURE: USAS B4C.1-1.52, UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.</p> <p>10. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.</p> <p>11. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.</p> <p>12. DO NOT USE UNASSIGNED PART NUMBERS.</p>				<p>AS & 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 DIV.</p>																																																																																																																																																																																																																																			
<p>P.A. USAF - 11</p> <p>Other Cost</p> <p>Navy - AS</p>				<p>TITLE</p> <p>BOLT, MACHINABLE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED PD SHANK, CRES AMS 5643, .375-24 UNJF-3A</p>																																																																																																																																																																																																																																			
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This military standard is approved by the Department of the Air Force and the Naval Air Systems Command 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

REVISED
3 Mar 61
APPROVED