

<b>MS9734 (ASG)</b>				MARK PART NO. AND MANUFACTURER'S IDENTIFICATION PER AS 478 CLASS A				FED SUP CLASS 5306																																																																																																																																																																																																																																															
				WRENCHING CONFIGURATION PER AS 870 FOR THIS DISTANCE				MAXIMUM 2 INCOMPLETE THREADS (SEE NOTE 4)																																																																																																																																																																																																																																															
				CHAMFER 28° - 32° TO .375 DIA				THIS SURFACE MUST BE SQUARE WITH SHANK WITHIN .003 FIR.																																																																																																																																																																																																																																															
.015 R MAX				35° MIN TO ROOT OF DOUBLE HEXAGON				SECTION THRU THREAD PROFILE																																																																																																																																																																																																																																															
<table border="1"> <thead> <tr> <th>PART NO</th> <th>L</th> <th>K</th> <th>APPROX WEIGHT LB/100</th> </tr> </thead> <tbody> <tr><td>MS9734-04</td><td>500</td><td>.088-.108</td><td>2 15</td></tr> <tr><td>MS9734-05</td><td>.562</td><td>.088-.108</td><td>2 29</td></tr> <tr><td>MS9734-06</td><td>.625</td><td>.088-.108</td><td>2 40</td></tr> <tr><td>MS9734-07</td><td>.688</td><td>.088-.108</td><td>2 51</td></tr> <tr><td>MS9734-08</td><td>.750</td><td>.088-.108</td><td>2 62</td></tr> <tr><td>MS9734-09</td><td>.812</td><td>.088-.108</td><td>2 73</td></tr> <tr><td>MS9734-10</td><td>.875</td><td>.088-.108</td><td>2 84</td></tr> <tr><td>MS9734-11</td><td>.938</td><td>.088-.108</td><td>2 95</td></tr> <tr><td>MS9734-12</td><td>1 000</td><td>.088-.125</td><td>3 07</td></tr> <tr><td>MS9734-13</td><td>1 062</td><td>.128-.188</td><td>3 15</td></tr> <tr><td>MS9734-14</td><td>1 125</td><td>.190-.250</td><td>3 29</td></tr> <tr><td>MS9734-15</td><td>1 188</td><td>.252-.312</td><td>3 40</td></tr> 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1. SHANK SHALL BE STRAIGHT WITHIN .003 PER INCH OF BOLT LENGTH. 2. THE RUNOUT OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR. 3. THE RUNOUT OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON OD SHALL BE WITHIN .008 FIR. 4. INCOMPLETE THREADS NOT TO ENTER FILLET 5. MATERIAL: CRES AMS 5643. 6. HARDNESS: ROCKWELL C32-38. 7. MANUFACTURING SPECIFICATION: AMS 7474. 8. FLUORESCENT PENETRANT INSPECTION PER AMS 2645. 9. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD. 10. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED. 11. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ±.010, ANGULAR DIMENSIONS ±5°. 12. 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 DIV.																																																																																																																																																																																																																																																							
P.A. USAF - 11 Other Cess Navy - A3				TITLE BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, PD SHANK, CRES AMS 5643, .3125-24 UNJF-3A				MILITARY STANDARD <b>MS9734 (ASG)</b>																																																																																																																																																																																																																																															
PROCUREMENT SPECIFICATION				SUPERSEDES				SHEET 1 OF 1																																																																																																																																																																																																																																															

Review activities: USAP - 82, 85

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.

 REVISED  
 3 Mar 64  
 APPROVED