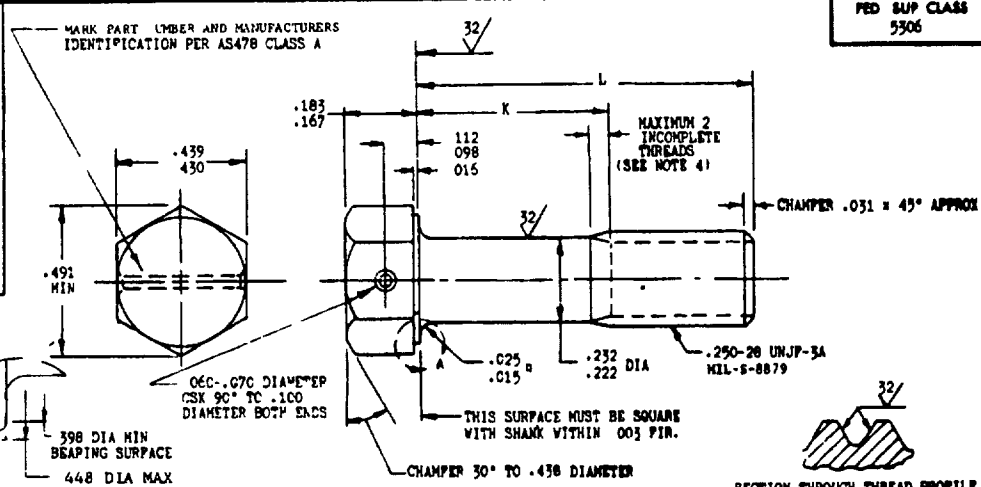


<h1 style="margin: 0;">MS9530</h1>		<p>MARK PART NUMBER AND MANUFACTURERS IDENTIFICATION PER AS478 CLASS A</p> 		<p>FED SUP CLASS 5506</p>																																																																																																																																																																																																																																																									
<p>VIEW A ENLARGED</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PART NUMBER</th> <th>L</th> <th>K</th> <th>APPROX WEIGHT LB/100</th> <th>PART NUMBER</th> <th>L</th> <th>K</th> <th>APPROX WEIGHT LB/100</th> </tr> </thead> <tbody> <tr> <td>MS9530-04</td> <td>.375</td> <td>.079-.099</td> <td>1.16</td> <td>MS9530-31</td> <td>2.375</td> <td>1.365-1.625</td> <td>3.45</td> </tr> <tr> <td>MS9530-05</td> <td>.438</td> <td>.079-.099</td> <td>1.23</td> <td>MS9530-32</td> <td>2.500</td> <td>1.690-1.750</td> <td>3.71</td> </tr> <tr> <td>MS9530-06</td> <td>.500</td> <td>.079-.099</td> <td>1.30</td> <td>MS9530-33</td> <td>2.625</td> <td>1.815-1.875</td> <td>3.98</td> </tr> <tr> <td>MS9530-07</td> <td>.562</td> <td>.079-.099</td> <td>1.37</td> <td>MS9530-34</td> <td>2.750</td> <td>1.940-2.000</td> <td>4.24</td> </tr> <tr> <td>MS9530-08</td> <td>.625</td> <td>.079-.099</td> <td>1.44</td> <td>MS9530-35</td> <td>2.875</td> <td>2.065-2.125</td> <td>4.50</td> </tr> <tr> <td>MS9530-09</td> <td>.688</td> <td>.079-.099</td> <td>1.51</td> <td>MS9530-36</td> <td>3.000</td> <td>2.190-2.250</td> <td>4.76</td> </tr> <tr> <td>MS9530-10</td> <td>.750</td> <td>.079-.099</td> <td>1.58</td> <td>MS9530-37</td> <td>3.125</td> <td>2.315-2.375</td> <td>5.02</td> </tr> <tr> <td>MS9530-11</td> <td>.812</td> <td>.079-.099</td> <td>1.66</td> <td>MS9530-38</td> <td>3.250</td> <td>2.440-2.500</td> <td>5.28</td> </tr> <tr> <td>MS9530-12</td> <td>.875</td> <td>.079-.125</td> <td>1.73</td> <td>MS9530-39</td> <td>3.375</td> <td>2.565-2.625</td> <td>5.54</td> </tr> <tr> <td>MS9530-13</td> <td>.938</td> <td>.128-.188</td> <td>1.80</td> <td>MS9530-40</td> <td>3.500</td> <td>2.690-2.750</td> <td>5.80</td> </tr> <tr> <td>MS9530-14</td> <td>1.000</td> <td>.190-.250</td> <td>1.87</td> <td>MS9530-41</td> <td>3.625</td> <td>2.815-2.875</td> <td>6.06</td> </tr> <tr> <td>MS9530-15</td> <td>1.062</td> <td>.252-.312</td> <td>1.94</td> <td>MS9530-42</td> <td>3.750</td> <td>2.940-3.000</td> <td>6.32</td> </tr> <tr> <td>MS9530-16</td> <td>1.125</td> <td>.315-.375</td> <td>2.01</td> <td>MS9530-43</td> <td>3.875</td> <td>3.065-3.125</td> <td>6.58</td> </tr> <tr> <td>MS9530-17</td> <td>1.188</td> <td>.378-.438</td> <td>2.09</td> <td>MS9530-44</td> <td>4.000</td> <td>3.190-3.250</td> <td>6.84</td> </tr> <tr> <td>MS9530-18</td> <td>1.250</td> <td>.440-.500</td> <td>2.16</td> <td>MS9530-45</td> <td>4.125</td> <td>3.315-3.375</td> <td>7.10</td> </tr> <tr> <td>MS9530-19</td> <td>1.312</td> <td>.502-.562</td> <td>2.23</td> <td>MS9530-46</td> <td>4.250</td> <td>3.440-3.500</td> <td>7.36</td> </tr> <tr> <td>MS9530-20</td> <td>1.375</td> <td>.565-.625</td> <td>2.30</td> <td>MS9530-47</td> <td>4.375</td> <td>3.565-3.625</td> <td>7.62</td> </tr> <tr> <td>MS9530-21</td> <td>1.438</td> <td>.628-.688</td> <td>2.37</td> <td>MS9530-48</td> <td>4.500</td> <td>3.690-3.750</td> <td>7.88</td> </tr> <tr> <td>MS9530-22</td> <td>1.500</td> <td>.690-.750</td> <td>2.44</td> 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<td>1.315-1.375</td> <td>3.16</td> <td>MS9530-56</td> <td>5.500</td> <td>4.690-4.750</td> <td>9.96</td> </tr> <tr> <td>MS9530-30</td> <td>2.250</td> <td>1.440-1.500</td> <td>3.30</td> <td>MS9530-57</td> <td>5.625</td> <td>4.815-4.875</td> <td>10.22</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>MS9530-58</td> <td>5.750</td> <td>4.940-5.000</td> <td>10.48</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>MS9530-59</td> <td>5.875</td> <td>5.065-5.125</td> <td>10.74</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>MS9530-60</td> <td>6.000</td> <td>5.190-5.250</td> <td>11.00</td> </tr> </tbody> </table>				PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100	MS9530-04	.375	.079-.099	1.16	MS9530-31	2.375	1.365-1.625	3.45	MS9530-05	.438	.079-.099	1.23	MS9530-32	2.500	1.690-1.750	3.71	MS9530-06	.500	.079-.099	1.30	MS9530-33	2.625	1.815-1.875	3.98	MS9530-07	.562	.079-.099	1.37	MS9530-34	2.750	1.940-2.000	4.24	MS9530-08	.625	.079-.099	1.44	MS9530-35	2.875	2.065-2.125	4.50	MS9530-09	.688	.079-.099	1.51	MS9530-36	3.000	2.190-2.250	4.76	MS9530-10	.750	.079-.099	1.58	MS9530-37	3.125	2.315-2.375	5.02	MS9530-11	.812	.079-.099	1.66	MS9530-38	3.250	2.440-2.500	5.28	MS9530-12	.875	.079-.125	1.73	MS9530-39	3.375	2.565-2.625	5.54	MS9530-13	.938	.128-.188	1.80	MS9530-40	3.500	2.690-2.750	5.80	MS9530-14	1.000	.190-.250	1.87	MS9530-41	3.625	2.815-2.875	6.06	MS9530-15	1.062	.252-.312	1.94	MS9530-42	3.750	2.940-3.000	6.32	MS9530-16	1.125	.315-.375	2.01	MS9530-43	3.875	3.065-3.125	6.58	MS9530-17	1.188	.378-.438	2.09	MS9530-44	4.000	3.190-3.250	6.84	MS9530-18	1.250	.440-.500	2.16	MS9530-45	4.125	3.315-3.375	7.10	MS9530-19	1.312	.502-.562	2.23	MS9530-46	4.250	3.440-3.500	7.36	MS9530-20	1.375	.565-.625	2.30	MS9530-47	4.375	3.565-3.625	7.62	MS9530-21	1.438	.628-.688	2.37	MS9530-48	4.500	3.690-3.750	7.88	MS9530-22	1.500	.690-.750	2.44	MS9530-49	4.625	3.815-3.875	8.14	MS9530-23	1.562	.752-.812	2.52	MS9530-50	4.750	3.940-4.000	8.40	MS9530-24	1.625	.815-.875	2.59	MS9530-51	4.875	4.065-4.125	8.66	MS9530-25	1.688	.878-.938	2.66	MS9530-52	5.000	4.190-4.250	8.92	MS9530-26	1.750	.940-1.000	2.73	MS9530-53	5.125	4.315-4.375	9.18	MS9530-27	1.875	1.065-1.125	2.87	MS9530-54	5.250	4.440-4.500	9.44	MS9530-28	2.000	1.190-1.250	3.02	MS9530-55	5.375	4.565-4.625	9.70	MS9530-29	2.125	1.315-1.375	3.16	MS9530-56	5.500	4.690-4.750	9.96	MS9530-30	2.250	1.440-1.500	3.30	MS9530-57	5.625	4.815-4.875	10.22					MS9530-58	5.750	4.940-5.000	10.48					MS9530-59	5.875	5.065-5.125	10.74					MS9530-60	6.000	5.190-5.250	11.00
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MS9530-05	.438	.079-.099	1.23	MS9530-32	2.500	1.690-1.750	3.71																																																																																																																																																																																																																																																						
MS9530-06	.500	.079-.099	1.30	MS9530-33	2.625	1.815-1.875	3.98																																																																																																																																																																																																																																																						
MS9530-07	.562	.079-.099	1.37	MS9530-34	2.750	1.940-2.000	4.24																																																																																																																																																																																																																																																						
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MS9530-11	.812	.079-.099	1.66	MS9530-38	3.250	2.440-2.500	5.28																																																																																																																																																																																																																																																						
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MS9530-13	.938	.128-.188	1.80	MS9530-40	3.500	2.690-2.750	5.80																																																																																																																																																																																																																																																						
MS9530-14	1.000	.190-.250	1.87	MS9530-41	3.625	2.815-2.875	6.06																																																																																																																																																																																																																																																						
MS9530-15	1.062	.252-.312	1.94	MS9530-42	3.750	2.940-3.000	6.32																																																																																																																																																																																																																																																						
MS9530-16	1.125	.315-.375	2.01	MS9530-43	3.875	3.065-3.125	6.58																																																																																																																																																																																																																																																						
MS9530-17	1.188	.378-.438	2.09	MS9530-44	4.000	3.190-3.250	6.84																																																																																																																																																																																																																																																						
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<p>1. SHANK SHALL BE STRAIGHT WITHIN .003 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 HEXAGON SHALL BE WITHIN .013 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 PER AMS 2400. DIMENSIONS SPECIFIED ARE AFTER PLATING</p> <p>8. MAGNETIC PARTICLE INSPECTION PER AMS 2640.</p> <p>9. MANUFACTURING SPECIFICATION AMS 7452 EXCEPT HEAD MUST BE UPSET.</p> <p>10. SURFACE TEXTURE USAS B46 1-1962 UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES, EXCEPT HEXAGON</p> <p>11. BREAK SHARP EDGES .003 ± .015 UNLESS OTHERWISE SPECIFIED.</p> <p>12. DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCES LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°.</p> <p>13. DO NOT USE UNASSIGNED PART NUMBERS.</p> <p>CERTAIN PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL TRADE AGREEMENT ASSOCIATION STD 17/2 WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED, THE PARTICIPATING COUNTRIES WILL INFORM THEIR RESPECTIVE NATIONAL STANDARDS AGENCIES THAT APPROPRIATE ACTION MAY BE TAKEN RESPECTING THE INTERNATIONAL AGREEMENT CONCERNED</p> <p>AS &amp; AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PROPULSION DIVISION</p>																																																																																																																																																																																																																																																													
<p>P.A. JSAF-LL</p> <p>Other Cust VARY-AS ARIZ-AV</p>		<p>IDENTIFICATION INTEREST</p>		<p>TITLE</p> <p>BOLT, MACHINE STEEL AMS 6322, CADMIUM PLATE, DRILLED, 1 HOLE, HEXAGON HEAD .250-28 UNJF-3A</p>		<p>MILITARY STANDARD</p> <h2 style="margin: 0;">MS9530</h2>																																																																																																																																																																																																																																																							
<p>PROCUREMENT SPECIFICATION</p> <p>DATE</p>		<p>SUPERSEDES:</p>		<p>SHEET 1 OF 1</p>																																																																																																																																																																																																																																																									

This military standard has been approved by the Department of Defense and is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

Reviewer activities:

APPROVED 2 Feb 1968