

Dear activities:

 Review activities
 USAF - 85, 85
 Army - MC

 This military standard is approved by the Department of Defense and is
 mandatory on all activities. Selection for all new engineering and design
 qualifications and for repetitive use shall be made from this document.

MS9564				FED SUP CLASS 5305																																																																																																																																			
<table border="1"> <thead> <tr> <th>PART NO</th> <th>L</th> <th>Y</th> <th>APPROX WEIGHT LB/100</th> <th>PART NO</th> <th>L</th> <th>I</th> <th>APPROX WEIGHT LB/100</th> </tr> </thead> <tbody> <tr> <td>MS9564-02</td> <td>750</td> <td>.062 ± .082</td> <td>.420</td> <td>MS9564-16</td> <td>1 125</td> <td>487- 547</td> <td>.847</td> </tr> <tr> <td>MS9564-03</td> <td>312</td> <td>.062- .082</td> <td>.451</td> <td>MS9564-17</td> <td>1 188</td> <td>550- 610</td> <td>.878</td> </tr> <tr> <td>MS9564-04</td> <td>375</td> <td>.062- .082</td> <td>.482</td> <td>MS9564-18</td> <td>1 250</td> <td>612- 672</td> <td>.908</td> </tr> <tr> <td>MS9564-05</td> <td>.438</td> <td>.062- .082</td> <td>.513</td> <td>MS9564-19</td> <td>1 312</td> <td>674- 734</td> <td>.938</td> </tr> <tr> <td>MS9564-06</td> <td>500</td> <td>.062- .082</td> <td>.543</td> <td>MS9564-20</td> <td>1 375</td> <td>737- 797</td> <td>.969</td> </tr> <tr> <td>MS9564-07</td> <td>562</td> <td>.062- .082</td> <td>.573</td> <td>MS9564-21</td> <td>1.438</td> <td>800- 860</td> <td>.999</td> </tr> <tr> <td>MS9564-08</td> <td>625</td> <td>.062- .082</td> <td>.604</td> <td>MS9564-22</td> <td>1 500</td> <td>862- 922</td> <td>1 029</td> </tr> <tr> <td>MS9564-09</td> <td>688</td> <td>.062-.110</td> <td>.634</td> <td>MS9564-23</td> <td>1 562</td> <td>924- 984</td> <td>1 060</td> </tr> <tr> <td>MS9564-10</td> <td>750</td> <td>.112-.172</td> <td>.664</td> <td>MS9564-24</td> <td>1 625</td> <td>987-1 047</td> <td>1 090</td> </tr> <tr> <td>MS9564-11</td> <td>812</td> <td>.174- .234</td> <td>.695</td> <td>MS9564-25</td> <td>1.688</td> <td>1 050-1.110</td> <td>1 121</td> </tr> <tr> <td>MS9564-12</td> <td>875</td> <td>.237- .297</td> <td>.725</td> <td>MS9564-26</td> <td>1 750</td> <td>1 112-1 172</td> <td>1 151</td> </tr> <tr> <td>MS9564-13</td> <td>938</td> <td>.300- .360</td> <td>.756</td> <td>MS9564-27</td> <td>1 875</td> <td>1 237-1 297</td> <td>1 212</td> </tr> <tr> <td>MS9564-14</td> <td>1 000</td> <td>.362- .422</td> <td>.786</td> <td>MS9564-28</td> <td>2 000</td> <td>1 362-1 422</td> <td>1.273</td> </tr> <tr> <td>MS9564-15</td> <td>1 062</td> <td>.424- .484</td> <td>.816</td> <td>MS9564-29</td> <td>1.812</td> <td>1 174- 1 234</td> <td>1.181</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>MS9564-30</td> <td>1 938</td> <td>1.300 - 1.360</td> <td>1 243</td> </tr> </tbody> </table>								PART NO	L	Y	APPROX WEIGHT LB/100	PART NO	L	I	APPROX WEIGHT LB/100	MS9564-02	750	.062 ± .082	.420	MS9564-16	1 125	487- 547	.847	MS9564-03	312	.062- .082	.451	MS9564-17	1 188	550- 610	.878	MS9564-04	375	.062- .082	.482	MS9564-18	1 250	612- 672	.908	MS9564-05	.438	.062- .082	.513	MS9564-19	1 312	674- 734	.938	MS9564-06	500	.062- .082	.543	MS9564-20	1 375	737- 797	.969	MS9564-07	562	.062- .082	.573	MS9564-21	1.438	800- 860	.999	MS9564-08	625	.062- .082	.604	MS9564-22	1 500	862- 922	1 029	MS9564-09	688	.062-.110	.634	MS9564-23	1 562	924- 984	1 060	MS9564-10	750	.112-.172	.664	MS9564-24	1 625	987-1 047	1 090	MS9564-11	812	.174- .234	.695	MS9564-25	1.688	1 050-1.110	1 121	MS9564-12	875	.237- .297	.725	MS9564-26	1 750	1 112-1 172	1 151	MS9564-13	938	.300- .360	.756	MS9564-27	1 875	1 237-1 297	1 212	MS9564-14	1 000	.362- .422	.786	MS9564-28	2 000	1 362-1 422	1.273	MS9564-15	1 062	.424- .484	.816	MS9564-29	1.812	1 174- 1 234	1.181					MS9564-30	1 938	1.300 - 1.360	1 243
PART NO	L	Y	APPROX WEIGHT LB/100	PART NO	L	I	APPROX WEIGHT LB/100																																																																																																																																
MS9564-02	750	.062 ± .082	.420	MS9564-16	1 125	487- 547	.847																																																																																																																																
MS9564-03	312	.062- .082	.451	MS9564-17	1 188	550- 610	.878																																																																																																																																
MS9564-04	375	.062- .082	.482	MS9564-18	1 250	612- 672	.908																																																																																																																																
MS9564-05	.438	.062- .082	.513	MS9564-19	1 312	674- 734	.938																																																																																																																																
MS9564-06	500	.062- .082	.543	MS9564-20	1 375	737- 797	.969																																																																																																																																
MS9564-07	562	.062- .082	.573	MS9564-21	1.438	800- 860	.999																																																																																																																																
MS9564-08	625	.062- .082	.604	MS9564-22	1 500	862- 922	1 029																																																																																																																																
MS9564-09	688	.062-.110	.634	MS9564-23	1 562	924- 984	1 060																																																																																																																																
MS9564-10	750	.112-.172	.664	MS9564-24	1 625	987-1 047	1 090																																																																																																																																
MS9564-11	812	.174- .234	.695	MS9564-25	1.688	1 050-1.110	1 121																																																																																																																																
MS9564-12	875	.237- .297	.725	MS9564-26	1 750	1 112-1 172	1 151																																																																																																																																
MS9564-13	938	.300- .360	.756	MS9564-27	1 875	1 237-1 297	1 212																																																																																																																																
MS9564-14	1 000	.362- .422	.786	MS9564-28	2 000	1 362-1 422	1.273																																																																																																																																
MS9564-15	1 062	.424- .484	.816	MS9564-29	1.812	1 174- 1 234	1.181																																																																																																																																
				MS9564-30	1 938	1.300 - 1.360	1 243																																																																																																																																
1 SHANK SHALL BE STRAIGHT WITHIN .003 TOTAL FIP INCH OF SCREW LENGTH 2 THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 I 3 THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHET FAC. DIAMETER AND DOUBLE HEXAGON OD SHALL BE WITHIN .005 FIP 4 INCOMPLETE THREADS NOT TO ENTER FILLET 5 MATERIAL COMPOSITION AND HEAT RESISTANT STEEL AMS 5731 6 MANUFACTURING SPECIFICATION AMS 7477 7 FLUORESCENT PENETRANT INSPECTION PER AMS 2645 8 SURFACE TEXTURE: UNAS 246.1-1962 UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICRONS EXCEPT 9 UPPER HEAD 10 BREAK SHARP EDGES .003- .015 UNLESS OTHERWISE SPECIFIED 11 DIMENSION 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 AIR AEROSPACE PART STANDARDS DIVISION																																																																																																																																							
P.A. USAF - 11 Other Cust Army - 41		TITLE SCREW, MACHINE - DOUBLE HEXAGON EXTENDED WASHET HEAD, DRILLED, PD SHANK, AMS5731, .164-36 UNJF-3A				MILITARY STANDARD MS9564																																																																																																																																	
PROCUREMENT SPECIFICATION		SUPERSEDES:				SHEET 1 OF 1																																																																																																																																	

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

☆ U S GOVERNMENT PRINTING OFFICE: 1970-393-093/5-3775

 APPROVED 16 Dec 65
 REVISED 17 Nov 69