IMPRINT PART NUMBER AT A MAXIMUM OF 6 INCH INTERVALS

<table>
<thead>
<tr>
<th>DASH</th>
<th>Width</th>
<th>STUB LENGTH</th>
<th>BOLST LENGTH</th>
<th>PITCH</th>
<th>MAX DIA</th>
<th>PIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>4.000</td>
<td>1.000</td>
<td>1.03</td>
<td>.998</td>
<td>- .015</td>
<td>.375</td>
</tr>
<tr>
<td>7</td>
<td>5.000</td>
<td>1.500</td>
<td>1.03</td>
<td>4.000</td>
<td>- .003</td>
<td>.375</td>
</tr>
<tr>
<td>8</td>
<td>6.000</td>
<td>3.000</td>
<td>1.500</td>
<td>4.000</td>
<td>- .007</td>
<td>.375</td>
</tr>
</tbody>
</table>

1/ ALL REQUIRED.
2/ ALL REQUIRED:

ENTIRE STANDARD REVISED

INCH - POUND

ARMY - AR
NAVY - AS
AIR FORCE-99

Hinge, Butt, Continuous, (Piano)
.125 Thickness, .375 Pin Dia

MIL-H-9850

MILITARY STANDARD
MS35831

DD 672-1

DD 5340-1868
REQUIREMENTS:

1. MATERIAL:
   B. BRASS-LEAF-ALLOY 268 (UNS C16800), TEMPER HALF-HARD, IN ACCORDANCE WITH QQ-F-613.
   COPPER-PIN-ALLOY 260 (UNS C16000), TEMPER HALF-HARD, IN ACCORDANCE WITH QQ-M-321.
   C. CORROSION RESISTANT STEEL-LEAF-CLASS 301 (UNS S30100), 302 (UNS S30200) OR 304 (UNS S30400),
      CONDITION A, TEMPER ANNEALED, IN ACCORDANCE WITH QQ-F-654. CORROSION RESISTANT
      STEEL-PIN FORM I, CONDITION A, COMPOSITION, 302 (UNS S30200), 304 (UNS S30400), 305 (UNS S30500)
      AND 316 (UNS S31600), IN ACCORDANCE WITH ASTM A313.
   D. CARBON STEEL-LEAF-COLD-ROLLED, TEMPER NO. 4 IN ACCORDANCE WITH QQ-F-698.
   CARBON STEEL-PIN-COMPOSITION 1010 (UNS G10100), 1020 (UNS G10200) IN ACCORDANCE WITH QQ-M-461.
   L. CARBON STEEL-LEAF-COLD-ROLLED TEMPER NO. 4 IN ACCORDANCE WITH QQ-F-698.
   COPPER-PIN-ALLOY 260 (UNS C16000), TEMPER HALF-HARD IN ACCORDANCE WITH QQ-M-321.

2. FINISH:
   MATERIAL A, B, C AND D SHALL BE FLAT (UNCOATED). WHEN SPECIFIED, MATERIAL E SHALL BE ENCOATED.
   PLATED IN ACCORDANCE WITH ASTM B633 TYPE II, FT/2413 OR CAMEL PLATED IN ACCORDANCE WITH QQ-F-416.
   TYPE I1 CLASS 1. MATERIAL E SHALL BE CARBON PLATED IN ACCORDANCE WITH QQ-F-416, TYPE II, CLASS 1.

3. KNURLS - END KNURLS SHALL BE A MINIMUM 1/2 OF HINGE.

4. PITCH - CUMULATIVE TOLERANCE ON PITCH IS ±0.015 INCHES IN ANY 36 INCH SEGMENT.

5. PART NUMBER:
   THE MS PART NUMBER CONSISTS OF THE MS NUMBER PLUS THE DASH NUMBER FOLLOWED BY THE APPLICABLE
   CODE FOR MATERIAL FROM REQUIREMENT 1.

   EXAMPLE: MS35831 - 6 B

   MATERIAL CODE
   DASH NUMBER
   BASIC MS NUMBER

   WHEN PROTECTIVE FINISH IS REQUIRED FOR MATERIAL D, ADD F TO THE PART NUMBER.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
2. HINGES SHALL BE STOCKED AND ISSUED IN LENGTHS OF 84.00 INCHES. APPLICATION MAY BE OF ANY
   LENGTH WITHIN THE ABOVE LENGTH.
   OF THIS STANDARD SHALL TAKE PREDOMINANCE.
4. REFERENCED GOVERNMENT OR (NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT
   OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DIS61S) SPECIFIED IN THE SOLICITATION FORM A PART
   OF THIS STANDARD TO THE EXTENT SPECIFIED HERIN.
5. DASH NUMBER 1 THRU 5 ARE CANCELLED AND NEW DASH NUMBERS ASSIGNED FOR L DIMENSION (84.00) INCHES.

<table>
<thead>
<tr>
<th>TABLE II CROSSES REFERENCED OF CANCELLED DASH NUMBERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCELLED</td>
</tr>
<tr>
<td>MS35831-1</td>
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</tr>
<tr>
<td>MS35831-4</td>
</tr>
<tr>
<td>MS35831-5</td>
</tr>
</tbody>
</table>

MILITARY STANDARD

HINGE, BUTT, CONTINUOUS (PIANO)  .125 THICKNESS, .375 PIN DIA

ARMY AR
NAVY AS
AIR FORCE 99

PROCUREMENT SPECIFICATION MIL-H-9850

SUPERSEDES

DD 672-1

DD-672.1 COMBINATION

PAGE 2 OF 2

AMSC N/A

5340-1866