COMMERCIAL ITEM DESCRIPTION

HINGE, BUTT, CONTINUOUS (PIANO)
.090 THICKNESS, .250 & .375 PIN DIA

The General Services Administration has authorized the use of this Commercial Item Description for all Federal Agencies.

1. SCOPE. This Commercial Item Description (CID) covers commercial and industrial quality, continuous butt piano hinges suitable for use on cases, chests, and any other adaptable surface.

2. SALIENT CHARACTERISTICS.

![Diagram of hinge dimensions]

**TABLE I. DASH NUMBERS AND DIMENSIONS**

<table>
<thead>
<tr>
<th>DASH No.</th>
<th>WIDTH A REF B +/- .031</th>
<th>STOCK LENGTH L +/- .03</th>
<th>KNUCKLE LENGTH D 1/</th>
<th>PITCH P 2/</th>
<th>KNUCKLE OF</th>
<th>PIN OG</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>3.000 3.500 4.000 5.000 6.000</td>
<td>1.500 1.750 2.000 2.500 3.000</td>
<td>84.00 SEE SAL. CHAR. 6</td>
<td>1.998 .000 .015</td>
<td>4.000 .015 .003</td>
<td>.255 .007 .010</td>
</tr>
<tr>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1/ SEE SAL. CHAR. 2.3
2/ SEE SAL. CHAR. 2.4

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and data which may improve this document should be sent to: Defense Supply Center Philadelphia, ATTN: DSCP-ITD, 700 Robbins Avenue, Philadelphia, PA 19111-5096.

ASMC N/A

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

INCH-POUND
A-A-55595A
21 MAY 2002
SUPERSEDING
A-A-55595
31 Oct 1994
2.1 Material.
   Aluminum-pin-temper, half-hard, (UNS A95052) in accordance with AMS-QQ-A-225/7.
B. Brass-leaf-alloy 268 (UNS C26800) temper HO2, in accordance with ASTM B36.  
   Copper-pin-alloy 260 (UNS C26000), temper HO2 ,in accordance with ASTM B134. 
C. Corrosion resistant steel-leaf, condition A, temper annealed, composition 301 (UNS S30100),  
   302 (UNS S30200) per ASTM A666, or 304 (UNS S30400) per ASTM A240.  
   Corrosion resistant steel-pin-form 1, condition B, 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-S-698.  
   Carbon-steel-pin-composition 1010 (UNS G10100), 1020 (UNS G10200), in accordance with  
   ASTM A853.
E. Carbon steel leaf-cold-rolled, temper NO. 4 in accordance with QQ-S-698     
   Copper-pin-alloy 260 (UNS C26000) temper HO2 in accordance with ASTM B134

2.2 Finish.
Material A, B AND D shall be plain (uncoated). when specified, material D shall be zinc plated in accordance  
with ASTM B633 TYPE II, FE/ZN 13. Material C shall be passivated in accordance with AMS-QQ-P-35.  
Material E shall be cadmium plated in accordance with QQ-P-416, Type II, Class 1.

2.3 Knuckles. End knuckles shall be a minimum of 1/2 of knuckle.

2.4 Pitch. Cumulative tolerance on pitch is ±0.015 inches in any 36 inch segment.

3. PRODUCT CONFORMANCE. The product offered shall meet the salient characteristics of this  
commercial item description, conform to the producer's own drawings, specifications, standards and quality  
assurance practices, and be the same product offered for sale in the commercial market. The government  
reserves the right to require proof of such conformance.

4. NOTES.

4.1 Packaging. Packaging, shall be in accordance with ASTM D3951.

4.2 All dimensions are in inch unless otherwise specified.

4.3 Hinges shall be stocked and issued in lengths of 84 inches. Application may be of any length within the  
above length.

4.4 Workmanship. The hinges furnished shall be free from imperfections which may impair durability or  
serviceability

4.5 CID based part identification number (PIN). The pin consists of AA55595 and a dash number taken from  
table I. When protective finish is required for material D, add F to the PIN.

Example: AA 55595 - 12 - B

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CID number</td>
<td>Designates a CID</td>
<td></td>
</tr>
<tr>
<td>Designates dash number (see table I)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material code (see material)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
4.6 Cross-reference data. Butt hinges conforming to this CID are interchangeable/substitutable with butt hinges conforming to MS35830E dated 6 Jan 1989.

**TABLE II. CROSS - REFERENCE TABLE.**

<table>
<thead>
<tr>
<th>Cancelled MS PIN</th>
<th>Replacement CID PIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS35830 - * 3/</td>
<td>AA55595 - * 3/</td>
</tr>
</tbody>
</table>

3/ * represents the same designation codes for both MS and CID PINs.

4.7 Regulatory requirements. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practical.

4.8 Changes from the previous issue. Asterisks (or vertical lines) are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

Custodian: Army-AT
Navy-AS
Air Force-99

Preparing activity: DLA-IS
Project No. 5340-2700

Review activities:
Army- AV
Navy-MC