American Standard Spindle Nose Data

Source: American Standard Bulletin ASA B5.9 1960

Type A American Standard A-1, A-2, B-1, B-2 Spindle

<table>
<thead>
<tr>
<th></th>
<th>A5</th>
<th>A6</th>
<th>A8</th>
<th>A11</th>
<th>A15</th>
<th>A20</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-1</td>
<td>5⅛</td>
<td>6⅛</td>
<td>8¼</td>
<td>11</td>
<td>15</td>
<td>20⅛</td>
</tr>
<tr>
<td>A-2*</td>
<td>3.2505</td>
<td>4.1880</td>
<td>5.50075</td>
<td>7.75075</td>
<td>11.251*</td>
<td>16.251*</td>
</tr>
<tr>
<td>A-3***</td>
<td>.5625</td>
<td>.625</td>
<td>.6875</td>
<td>.750</td>
<td>.8125</td>
<td>.875</td>
</tr>
<tr>
<td>A-4</td>
<td>2⅛</td>
<td>2⅛</td>
<td>3⅛</td>
<td>4½</td>
<td>6½</td>
<td>9</td>
</tr>
<tr>
<td>A-12</td>
<td>1⅜</td>
<td>1⅛</td>
<td>2⅛</td>
<td>3⅛</td>
<td>4⅚</td>
<td>7⅛</td>
</tr>
<tr>
<td>A-15</td>
<td>⅛-14</td>
<td>½-13</td>
<td>⅛-11</td>
<td>¾-10</td>
<td>¾-9</td>
<td>1-8</td>
</tr>
</tbody>
</table>

*Tolerance +.0005/-000 **Tolerance +.001/-000 ***Tolerance +.000/-001

A-1 Has tapped holes on both the inner bolt circle and outer bolt circle.

A-2 Has tapped holes on the outer bolt circle, but has no hole on inner bolt circle.

B-1 Has drilled holes on the outer bolt circles, and has tapped holes on inner bolt circle.

B-2 Has drilled holes on the outer bolt circles, but has no holes on inner bolt circle.

Type D1 American Standard cam lock spindles

<table>
<thead>
<tr>
<th></th>
<th>D3</th>
<th>D4</th>
<th>D5</th>
<th>D6</th>
<th>D8</th>
<th>D11</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-1</td>
<td>3⅛</td>
<td>4⅛</td>
<td>5⅛</td>
<td>7¼</td>
<td>8½</td>
<td>11¾</td>
</tr>
<tr>
<td>A-2*</td>
<td>2.1250**</td>
<td>2.5005</td>
<td>3.2505</td>
<td>4.1880</td>
<td>5.50075</td>
<td>7.75075</td>
</tr>
<tr>
<td>A-3</td>
<td>⅛½</td>
<td>⅛½</td>
<td>⅛½</td>
<td>⅛½</td>
<td>⅛½</td>
<td>⅛½</td>
</tr>
<tr>
<td>A-4</td>
<td>1⅛½</td>
<td>1⅛½</td>
<td>2⅛½</td>
<td>2⅛½</td>
<td>2⅝</td>
<td>3¾</td>
</tr>
<tr>
<td>A-19</td>
<td>.594</td>
<td>.656</td>
<td>.781</td>
<td>.906</td>
<td>1.031</td>
<td>1.218</td>
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</tbody>
</table>

*Tolerance +.0005/-000 **Tolerance +.00025/-000

Type L long taper key drive

<table>
<thead>
<tr>
<th></th>
<th>L00</th>
<th>L0</th>
<th>L1</th>
<th>L2</th>
<th>L3</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-2*</td>
<td>⅝½</td>
<td>3⅛</td>
<td>4½</td>
<td>5⅛</td>
<td>6½</td>
</tr>
<tr>
<td>A-3</td>
<td>2½</td>
<td>2⅜</td>
<td>2½</td>
<td>3½</td>
<td>3½</td>
</tr>
<tr>
<td>A-28</td>
<td>3¾</td>
<td>4½</td>
<td>6</td>
<td>7¾</td>
<td>10¾</td>
</tr>
<tr>
<td>A-29</td>
<td>6TP I</td>
<td>6TP I</td>
<td>6TP I</td>
<td>5TP I</td>
<td>4TP I</td>
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*Tolerance +.002/-000

Threaded Spindle

<table>
<thead>
<tr>
<th>Thread size</th>
<th>A</th>
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<tbody>
<tr>
<td>1½-8</td>
<td></td>
</tr>
<tr>
<td>2¼-8</td>
<td></td>
</tr>
<tr>
<td>2½-6</td>
<td></td>
</tr>
</tbody>
</table>

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