Self-Clinching Pins
Series CH, CHN, CHS & CHA

CH pins provide a strong flush-head assembly in material as thin as .040 inches (1 mm) with high pushout performance.

**Series** | **Material** | **Finish**
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CH | Carbon Steel, Heat-treated | Zinc* Clear
CHN | Carbon Steel, Non-Heat-treated | Zinc* Clear
CHS | 300 Series Stainless Steel | Passivated ASTM A967
CHA | 2024-T4 Aluminum | None

Part Number Structure:
CH 073-4

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Use in:
- **CH** – Materials with HRB-80 or less.
- **CHN** – Materials with HRB-50 or less.
- **CHS** – Materials with HRB-70 or less.
- **CHA** – Materials with HRB-50 or less.

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**Dimensions & Specifications**

<table>
<thead>
<tr>
<th><strong>D</strong></th>
<th><strong>L</strong></th>
<th><strong>B</strong></th>
<th><strong>X</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin Dia. ±.002</td>
<td>Length ±.015 in.</td>
<td>Max.</td>
<td>Min.</td>
</tr>
<tr>
<td>.250</td>
<td>.312</td>
<td>.375</td>
<td>.500</td>
</tr>
<tr>
<td>.073</td>
<td>-4</td>
<td>-5</td>
<td>-6</td>
</tr>
<tr>
<td>.084</td>
<td>-4</td>
<td>-5</td>
<td>-6</td>
</tr>
<tr>
<td>.094</td>
<td>-4</td>
<td>-5</td>
<td>-6</td>
</tr>
<tr>
<td>.103</td>
<td>-4</td>
<td>-5</td>
<td>-6</td>
</tr>
<tr>
<td>.106</td>
<td>-4</td>
<td>-5</td>
<td>-6</td>
</tr>
<tr>
<td>.116</td>
<td>-4</td>
<td>-5</td>
<td>-6</td>
</tr>
<tr>
<td>.120</td>
<td>-4</td>
<td>-5</td>
<td>-6</td>
</tr>
<tr>
<td>.137</td>
<td>-4</td>
<td>-5</td>
<td>-6</td>
</tr>
<tr>
<td>.141</td>
<td>-4</td>
<td>-5</td>
<td>-6</td>
</tr>
<tr>
<td>.160</td>
<td>-5</td>
<td>-6</td>
<td>-8</td>
</tr>
<tr>
<td>.167</td>
<td>-5</td>
<td>-6</td>
<td>-8</td>
</tr>
<tr>
<td>.173</td>
<td>-5</td>
<td>-6</td>
<td>-8</td>
</tr>
<tr>
<td>.207</td>
<td>-6</td>
<td>-8</td>
<td>-10</td>
</tr>
<tr>
<td>.215</td>
<td>-8</td>
<td>-10</td>
<td>-12</td>
</tr>
<tr>
<td>.223</td>
<td>-8</td>
<td>-10</td>
<td>-12</td>
</tr>
<tr>
<td>.273</td>
<td>-8</td>
<td>-10</td>
<td>-12</td>
</tr>
<tr>
<td>.281</td>
<td>-8</td>
<td>-10</td>
<td>-12</td>
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</table>

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Note: 1. Pins are available in lengths up to 3 in. (76.2 mm) upon special order.
2. Tapered-point pins are available upon request, subject to minimum order quantity.
Continued from previous page.

### Dimensions & Specifications

<table>
<thead>
<tr>
<th>METRIC (mm)</th>
<th>D Pin Dia. ±.05</th>
<th>L Length ±.4mm</th>
<th>B ±.4</th>
<th>X Max.</th>
<th>Min.</th>
<th>+.08</th>
<th>Min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3mm</td>
<td>-6, -8, -10, -12, -15, -18, -20, -25, -30, N/A</td>
<td>5.3</td>
<td>2.3</td>
<td>1.0</td>
<td>3.5</td>
<td>6.4</td>
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<td>4mm</td>
<td>N/A, -8, -10, -12, -15, -18, -20, -25, -30, -35</td>
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<td>2.3</td>
<td>1.0</td>
<td>4.1</td>
<td>7.1</td>
<td></td>
</tr>
<tr>
<td>5mm</td>
<td>N/A, -8, -10, -12, -15, -18, -20, -25, -30, -35</td>
<td>7.5</td>
<td>2.55</td>
<td>1.0</td>
<td>5.5</td>
<td>7.6</td>
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