### ASME B18.8.2

#### Nominal Pin Diameter

<table>
<thead>
<tr>
<th>Pin Diameter</th>
<th>D</th>
<th>Chamfer Diameter B</th>
<th>Chamfer Length C</th>
<th>Wall Thickness S</th>
<th>Recommended Hole Size</th>
<th>Minimum Double Shear Strength</th>
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### Pin Finishes

- **K**: Plain
- **P**: Passivated
- **T**: Mechanical Zinc Plated

Plain carbon steel pins have a protective oil finish.

### Standard Inch Sizes

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### Straightness Gauge Specifications

<table>
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<th>Nominal Pin Length</th>
<th>Gauge Length</th>
<th>Gauge Hole Diameter Plus</th>
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<tr>
<td>1.250</td>
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<td>±0.010</td>
</tr>
<tr>
<td>1.500</td>
<td>±0.005</td>
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<tr>
<td>1.750</td>
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<td>2.000</td>
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### Notes

1. Minimum diameter is the average of D1, D2, and D3.
2. Maximum diameter measured with go-ring guage.
3. The straightness over the length of the pins shall be such that the pin will pass freely through a ring guage of the length and diameter specified.

Note: All dimensions apply prior to plating.
Innovative fastening solutions. Lower assembly costs.

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