Shaft Collars

-Set Screw, with Four Side Mounting Holes-

The collars are usually used with shafts in rotary or linear applications. Their advantage is the capability of mounting miscellaneous components directly to the face of the collar. They are fairly small profile and are available in carbon and stainless steel.

### Four Side Mounting Holes

<table>
<thead>
<tr>
<th>Material</th>
<th>Surface Treatment</th>
<th>Included Hardware &amp; Material</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1045 Steel</td>
<td>Black Oxide</td>
<td>Set Screw (2 pieces)</td>
<td>U-SCMN</td>
</tr>
<tr>
<td>304 Stainless Steel</td>
<td>-</td>
<td>Stainless Steel Set Screw (2 pieces)</td>
<td>U-SCSNN</td>
</tr>
</tbody>
</table>

### Material Characteristics

- **Material Characteristics**: P.28, 229

- **1045 Steel**:
  - **Black Oxide**: 1.005
  - **Nickel Plating**: 0.805

- **304 Stainless Steel**:
  - **Black Oxide**: 1.005

- **Surface Roughness**: Unless otherwise specified

- **Thread or hole location tolerance**: +_0.005” non-cumulative.

### Technical Information

<table>
<thead>
<tr>
<th>D</th>
<th>D1</th>
<th>T (Thread)</th>
<th>B</th>
<th>P</th>
<th>S</th>
<th>C</th>
<th>S Unit Price (Qty. 1~9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.13</td>
<td>0.609</td>
<td>0.449</td>
<td>0.112</td>
<td>0.188</td>
<td>0.313</td>
<td>0.094</td>
<td>0.200</td>
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<td>0.19</td>
<td>0.602</td>
<td>0.441</td>
<td>0.125</td>
<td>0.205</td>
<td>0.337</td>
<td>0.094</td>
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<tr>
<td>0.25</td>
<td>0.608</td>
<td>0.438</td>
<td>0.138</td>
<td>0.218</td>
<td>0.466</td>
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<td>0.30</td>
<td>0.615</td>
<td>0.434</td>
<td>0.150</td>
<td>0.313</td>
<td>0.625</td>
<td>0.154</td>
<td>0.500</td>
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<td>0.35</td>
<td>0.618</td>
<td>0.431</td>
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<td>0.313</td>
<td>0.813</td>
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<td>0.40</td>
<td>0.625</td>
<td>0.427</td>
<td>0.168</td>
<td>0.375</td>
<td>1.000</td>
<td>0.206</td>
<td>0.700</td>
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<tr>
<td>0.50</td>
<td>0.635</td>
<td>0.419</td>
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<td>0.375</td>
<td>1.186</td>
<td>0.281</td>
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<tr>
<td>0.60</td>
<td>0.650</td>
<td>0.412</td>
<td>0.200</td>
<td>0.469</td>
<td>1.300</td>
<td>0.344</td>
<td>1.200</td>
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<tr>
<td>0.75</td>
<td>0.675</td>
<td>0.395</td>
<td>0.225</td>
<td>0.500</td>
<td>1.875</td>
<td>0.406</td>
<td>1.500</td>
</tr>
<tr>
<td>1.00</td>
<td>0.750</td>
<td>0.373</td>
<td>0.250</td>
<td>0.500</td>
<td>1.875</td>
<td>0.406</td>
<td>2.000</td>
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<tr>
<td>1.25</td>
<td>0.875</td>
<td>0.344</td>
<td>0.300</td>
<td>0.500</td>
<td>1.875</td>
<td>0.406</td>
<td>2.500</td>
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</table>

### Quantity Discount Rate

<table>
<thead>
<tr>
<th>Days to Ship</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Day</td>
<td>U-SCMN</td>
</tr>
</tbody>
</table>

### Order Example

- **Part No.**: U-SCMN 0.50

### Technical Data

- **Technical Information**

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- Linear Shafts
- Rotary Motion
- Rotary Shafts

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- Needle Roller Bearings
- Needle Roller Bushings
- Needle Bearing Components

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- Technical Data

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- P.205
- P.251

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Shaft Collars

-Set Screw, Bearing Fixing-

The Collars are usually used with shafts in rotary or linear applications. All of the collar flanges are designed to properly fit the inner race of the bearing. Available in 1045 steel and 304 Stainless Steel. The set screws are included.