Precision Optical Rails

- Easy-to-use dovetail design
- Rail design conserves table space
- Rails mount at any orientation on English or Metric optical tables

The PRL Series Precision Rails and PRC Series Carriers are easy to use, with a convenient dovetail rail design.

The rail/carrier system is designed to provide maximum versatility in minimum table space. The rail mounting slots are compatible with English or Metric table hole patterns. The rails are made from precision-machined anodized aluminum for excellent linearity and smooth carrier translation. Rails have engraved scales reading in both inches and millimeters.

Specifications

Typical Flatness 0.002 (13) over [in. (µm)]
1 ft (30 cm)

Typical Straightness 0.001 (25) over [in. (µm)]
8 inches (20 cm)

Ordering Information

<table>
<thead>
<tr>
<th>Model</th>
<th>Rail Length [in. (mm)]</th>
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</thead>
<tbody>
<tr>
<td>PRL-6</td>
<td>6.6 (167)</td>
</tr>
<tr>
<td>PRL-12</td>
<td>12.5 (317)</td>
</tr>
<tr>
<td>PRL-24</td>
<td>24.3 (617)</td>
</tr>
<tr>
<td>PRL-36</td>
<td>36.5 (927)</td>
</tr>
</tbody>
</table>

PRL-24 rail shown with carriers (PRC-1 and PRC-3) and indexing block (PRX).

Model PRL-6

Model PRL-12

Model PRL-24, PRL-36

CAD See our website for CAD files