

PRL Series Precision Dovetail Optical Rail System

The optical rail system offers a low-profile, sturdy support for carriers that ride on extra-hard polymer pads, ensuring optimal linearity. Its precision-machined, anodized aluminum dovetail design allows easy attachment and removal of carriers without disturbing the system. Available in four lengths, the rails feature engraved scales in both inches and millimeters and can be mounted in any orientation on English or metric optical tables. The carriers are available in three styles, are designed for low friction and long life, and can be securely clamped in place with thumb-adjust lock knobs.

Caution Notes:

1. Use caution when mounting the PRC-XX carriers onto the PRL-XX series rails.
2. Before assembling, loosen the plunger so it does not contact the rail.
3. Carefully slide carriers onto rails to avoid hitting the balls which are both inside and on the bottom of the slide.
4. All PRC balls are epoxied in place but may be loosened if hit hard enough.
5. The edges of the rail may unintentionally knock the PRC balls out of place if not assembled carefully.
6. After positioning the carrier onto the rail, insert & tighten the plunger

