For current pricing, please see our website.

## **Optomechanics**

CHAPTERS

Mechanics

SECTIONS V

**Mini Series** Ø1/2" Post

Ø1" Post

Assemblies

Ø1.5" Post

**Brackets** 

Assemblies

**Mounting/Angle** 

Lab Platforms

Lens Tubes

**Cage Systems** 

**Optical Rails** 

**Mirror Mounts** 

**Fixed Mounts** 

**Kinematic Mounts** 

**Translation Mounts** 

**Rotation Mounts** 

**Filter Mounts** 

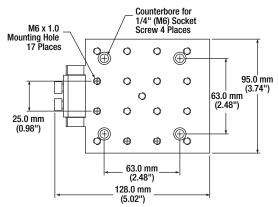
**V-Mounts** 

**Adapters** 

**Instrument Shelves** 

The XT95P2 Drop-On Carriage is designed with a swinging clamp arm, actuated by two M6 x 1.0 socket head cap screws. The swing design allows the drop-on carriage to be placed directly onto the rail (i.e., the carriage does not need to be slid on from an open rail end as is required with the XT95P1). The carriage is ideal for dynamic positioning of an optomechanical assembly along the entire length of a rail system (pictured above).

In addition to an array of M6 x 1.0 tapped mounting holes, the underside of the carriage is machined with M6 (1/4") counterbores specifically spaced to mate with the end of an XT95 Series Rail. This allows one XT95 rail to be mounted perpendicular to another at any point along the first rail's length.







These three photographs illustrate how the XT95P2 can be attached to either the side or the end of our XT95 heavyduty rail.



VTOEDO

## XT95 Optical Table Base Plate

The XT95P3 is primarily used when constructing rigid vertical structures with XT95 rails. The plate affixes to an open end of an XT95 rail via four M6 counterbored holes. Two M6 (1/4") clearance slots can then be used to fasten the assembly to an optical table as pictured to the right. This plate is intended to connect the XT95 rail to either an imperial (1/4"-20) or a metric (M6 x 1.0) optical table.

- Connects XT95 Rails Vertically to an Optical Table
- Construct Rigid Structures Over an Optical Table
- Includes Hardware for Mounting the Plate to a Rail

ITEM #	\$	£	€	RMB	DESCRIPTION
XT95P3	\$ 48.00	£ 34.56	€ 41,76	¥ 382.56	XT95 Optical Table Base Plate



## THORLARS

**XT95 Drop-On Carriage**