

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

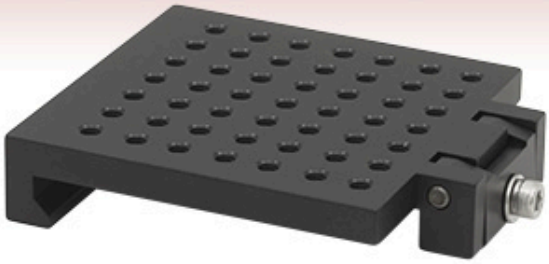
All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

Mounting Platforms for 95 mm Rails

- Add Arrays of Mounting Holes to 95 mm Optical Rail
- Positioned by Sliding Along the Rail





XT95RC3
Drop-On Rail
Carriage, 3.00" Long



XT95RC1
Drop-On Rail Carriage,
1" Long



XT95P12
Rail Plate for 95 mm Rails

Overview | Feedback

Features

- 1/4"-20 (M6) Tapped Hole Arrays
- Fastened to Rail Side and Positioned by Sliding

Our mounting platforms for 95 mm rails contain a 1/4"-20 (M6) tapped hole matrix that provides mechanical compatibility between 95 mm rails and standard optomechanics.

Drop-On Rail Carriages
The Drop-On Rail Carriages can be dropped into place anywhere along an exposed rail side, can slide along the wings of the rail, and are fastened down by the side-mounted 1/4"-20 (M6) locking screws. Rail carriages with lengths of 1.00" (25.0 mm), 2.00" (50.0 mm), 3.00" (75.0 mm), and 4.00" (100.0 mm) are available.

Rail Plate
The XT95P12(/M) Rail Plate slides along the T-Slots on the rail side and is fastened down by four 1/4"-20 (M6) locking screws. Access to the end of the rail is necessary to insert or remove the plate.

Height Difference
There is a difference in mounting height between the drop-on rail carriages and the rail plates, as shown between the XT95RC4(/M) and XT95P12(/M) to the right. For the imperial parts, this difference in height is 0.30" (7.6 mm). For the metric parts, this difference is 7.5 mm (0.29").

95 mm Rail Construction
Thorlabs' product family for 95 mm rails includes angle adapters, leveling feet, and breadboard mounting adapters. In addition, we manufacture mounting platforms and T-Nuts that provide compatibility with standard optomechanics. Together with size adapters that incorporate 66 mm rails into an XT95 setup, these tools provide a complete family of rigid, versatile building blocks suited for virtually any optomechanical setup.

XT95 95 mm Optical Rail Ac		
		
Rails		Angle
		
Breadboard Mounting	Mounting Platforms	T-Nuts a



The difference between the mounting height of the imperial drop-on rail carriage and th
(7.6 mm). For the metric parts, the height difference is 7.5 mm (0.

Drop-On Rail Carriages for 95 mm Rails

Provide Arrays of Mounting Holes for Components on Side of 95 mm Rail



These Drop-On Rail Carriages can clamp to the side of a 95 mm rail by tightening the side-located 1/4"-20 (M6) locking screws. When the locking screw is loosened, the assisted opening mechanism pushes the hinged clamping arm out and provides ample clearance for the dovetail of a 95 mm rail. This allows the carriage to be inserted and removed anywhere along an exposed rail side. Furthermore, while the carriage is clamped onto a rail, the locking screw can be loosened slightly, allowing the carriage to slide along the rail edge and be repositioned in another location.

Sales: 1-973-300-3000
Technical Support: 1-973-300-3000
M-F: 8 AM - 8 PM EDT, Sat: 9 AM - 1 PM EDT

Copyright © 1999-2024 Thorlabs, Inc.

Click to Enlarge
XT95RC1 1" Long Drop-On Rail Carriage on Rail Side

XT95RC3/M	75.0 mm	35	M6 x 1.0 Tapped
XT95RC4/M	100.0 mm	49	

Based on your currency / country selection, your order will ship

+1	Qty	Docs	Part Number - Imperial		Price
+1			**XT95RC1**	Drop-On Rail Carriage for 95 mm Rails, 1.00" Long, 1/4"-20 Tapped Holes	$86.18
+1			**XT95RC2**	Drop-On Rail Carriage for 95 mm Rails, 2.00" Long, 1/4"-20 Tapped Holes	$101.33
+1			**XT95RC3**	Drop-On Rail Carriage for 95 mm Rails, 3.00" Long, 1/4"-20 Tapped Holes	$122.28
+1			**XT95RC4**	Drop-On Rail Carriage for 95 mm Rails, 4.00" Long, 1/4"-20 Tapped Holes	$143.25

+1	Qty	Docs	Part Number - Metric		Price
+1			**XT95RC1/M**	Drop-On Rail Carriage for 95 mm Rails, 25.0 mm Long, M6 Tapped Holes	$86.18
+1			**XT95RC2/M**	Drop-On Rail Carriage for 95 mm Rails, 50.0 mm Long, M6 Tapped Holes	$101.33
+1			**XT95RC3/M**	Drop-On Rail Carriage for 95 mm Rails, 75.0 mm Long, M6 Tapped Holes	$122.28
+1			**XT95RC4/M**	Drop-On Rail Carriage for 95 mm Rails, 100.0 mm Long, M6 Tapped Holes	$143.25

Add To Cart

Rail Plate for 95 mm Rails



Zoom

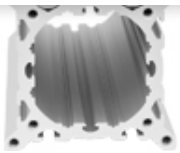
Slides Along 95 mm Rail Prior to Lockdown
Contains Array of Tapped and Counterbored Holes Separated by 0.5" (12.5 mm)
Inserted and Removed at the Rail Ends Only, as Shown to the Right

The XT95P12(/M) Rail Plate consists of a closely packed array of seventeen 1/4"-20 (M6) tapped holes and four 1/4" (M6) counterbores. It fastens to a 95 mm rail by tightening the four included 1/4"-20 (M6) cap screws at the corners. These locking screws are attached to two included T-Nuts that span the length of the rail plate and slide into the T-Slots on the rail side. Click on the image below to the left for details on the clamping mechanism.

Please note that the XT95P12 requires the rail end to be unobstructed for installation. For a platform that can be dropped in anywhere along a rail, please see the Drop-On Rail Carriages above.

Thorlabs Mounting Pl

The XT95P12 is inserted through t





Sales: 1-973-300-3000

Technical Support: 1-973-300-3000

M-F: 8 AM - 8 PM EDT, Sat: 9 AM - 1 PM EDT

Careers

Site Index

Privacy Policy

Copyright © 1999-2024 Thorlabs, Inc.

Add To Cart

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP