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1.0 in. Clean-Passivated Optical Pedestals

When an application requires components to be cleaner and more resistant to corrosion than typical standard products, these 1 in. (24.5 mm) passivated stainless steel optical pedestals are the best choice. They provide highly stable and versatile mounting of optics and mount directly to optical tables using pedestal-base fork clamps. Available in eight different heights, each featuring a cross-drilled hole to aid in tightening and loosening posts.



- Extra clean, passivated stainless steel
- 1.0 in. (25.4 mm) diameter pedestals mount anywhere on tables with fork clamps
- More stable and economical than traditional magnetic bases
- Available in eleven heights between 0.5 in. (12.7 mm) and 6.0 in. (127 mm)
- English or metric thread versions

See All Features

Compare	Model	Availability	Price
	**9951** Optical Pedestal, Clean-Passivated, 0.5 in. Height, 1 in. Diameter, 8-32	In Stock	$22
	**9957** Optical Pedestal, Clean-Passivated, 0.75 in. Height, 1 in. Diameter, 8-32	In Stock	$23
	**9952** Optical Pedestal, Clean-Passivated, 1.0 in. Height, 1 in. Diameter, 8-32	In Stock	$23
	**9953** Optical Pedestal, Clean-Passivated, 1.5 in. Height, 1 in. Diameter, 8-32	In Stock	$27
	**9954** Optical Pedestal, Clean-Passivated, 2.0 in. Height, 1 in. Diameter, 8-32	In Stock	$27

Specifications

Type	Optical Pedestal	**Material**	Stainless Steel
Thread Type	8-32, M4	**Inside Diameter**	25.4 mm

Features

Extra Clean, Passivated Pedestals

Stainless steel is already known as being corrosion-resistant, however the passivation process further strengthens its natural coating by improving the exterior surface of the overall part. The passivation process also removes unwanted debris and oils from the surface resulting in a post that is extra clean.





Cross-Drilled Hole for Easy Tightening and Loosening

These pedestals feature a 0.234 in. (5.9 mm) diameter cross-drilled hole. By inserting a 3/16 in. (5 mm) hex wrench (or similar tool) into this hole, it can be used to easily attach or detach an extension post or optical mount on its top.

Multiple Fixed Pedestal Heights

These pedestals are available with lengths of 0.5 in. (12.7 mm), 0.75 in. (19.1 mm), 0.88 in. (22.4 mm), 1.0 in. (25.4 mm), 2.0 in. (50.8 mm), 3.0 in. (76.2 mm), 4.0 in. (101.6 mm), and 6.0 in. (152.4 mm) and have cross-drilled holes large enough to use 3/16 in. (5 mm) hex wrenches aid in tightening and loosening posts.



High Stability for Mounting Optical Components

These 1 in. (25.4 mm) diameter stainless-steel optical posts are made from precision ground stainless steel to maintain long-term optical system alignment and come in a variety of heights. Using any of the available pedestal base clamping forks, these stackable pedestals can be clamped anywhere on a table or breadboard. Pedestal bases are machined directly into the posts. Cross-drilled holes large enough to use 3/16 in. (5 mm) hex wrenches aid in tightening and loosening posts. Both ends of each of these posts have a centered 8-32 (M4) threaded hole for mounting components and accessories, as well as attaching posts together.

Accessories

Compare	Description	Drawings, CAD & Specs	Avail.	Price
	**9141-M** Post Clamp, 25.4 mm Diameter Pedestals and Posts, M4 Thread		In Stock	$60
	**9141NF** Post Clamp, 1.0 in. Diameter Pedestals and Posts, 8-32 Thread		In Stock	$61

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