

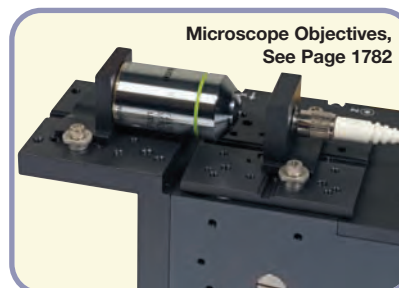
Microscope Objective Holder

HCS013



The compact HCS013 flexure stage mount is internally threaded with the standard RMS microscope objective thread. This allows a microscope objective, or any component with external RMS thread, to be mounted with its optical axis 0.5" (12.7 mm) above any of our Multi-Axis Flexure Stages (NanoMax™, MicroBlock™, or RollerBlock™ series).

Thorlabs also offers a complete selection of microscope objectives that are well suited to fiber coupling applications (see pages 960 - 963).



ITEM #	\$	£	€	RMB	DESCRIPTION
HCS013*	\$ 63.00	£ 45.36	€ 54.81	¥ 502.11	Microscope Objective Holder

*Universal Design, Imperial and Metric Compatible.

RMS Retaining Rings and Adapter



The RMSNT locking nut has internal RMS threading and can be used to lock RMS-threaded components into place. The knurled external surface provides improved grip for tightening into position.

The RMSRR retaining ring has external RMS threading and can be used to lock RMS-threaded components into place.

This SM05RMS adapter allows any SM05-compatible products to be used in mounts with RMS threads. The adapter has an SM05 internal thread and an RMS external thread. (Use SPW603 spanner wrench, see page 446).

ITEM #	\$	£	€	RMB	DESCRIPTION
RMSRR	\$ 10.20	£ 7.34	€ 8.87	¥ 81.29	RMS Retaining Ring
RMSNT	\$ 10.20	£ 7.34	€ 8.87	¥ 81.29	RMS Locking Nut
SM05RMS	\$ 14.75	£ 10.62	€ 12.83	¥ 117.56	SM05-to-RMS Adapter

GRIN Lens Holders



HGI003

The HGI003 lens holder secures gradient-index lenses with diameters ranging from 1 to 3 mm in a precision V-groove with a spring clamp. This easy-load holder fits into the locating keyway of our multi-axis flexure stages. The keyway allows the GRIN lens to be slid into its coarse position before tightening; final positioning is then accomplished using the precision control of the stage.

Gradient-index lenses are used to collect light from laser diodes and focus it into fibers or to focus collimated beams into fibers.

- Holds Ø1 to Ø3 mm GRIN Lenses
- Easy-to-Use, Simple, Spring-Clamping Action

- 12.5 mm Optical Axis Height for Ø1.8 mm Grin Lens



GRIN Lenses
See Page 738

ITEM #	\$	£	€	RMB	DESCRIPTION
HGI003	\$ 112.00	£ 80.64	€ 97.44	¥ 892.64	GRIN Lens Holder for Ø1 mm to Ø3 mm Optics

SM05-Threaded Adapter Mount

HCS020



The HCS020 mount allows our extensive line of SM05 (Ø0.535"-40) threaded products to be integrated into any setup using Thorlabs' flexure stages. The most popular application of this mount is to enclose the light path using Ø1/2" lens tubes (page 128). Other applications include use with the SM05PM5 (page 903) linear polarizer holder to align a PM fiber to a connector keyway. The optical axis is 1/2" (12.7 mm) above the stage platform.



SM05PM5,
See Page 903

ITEM #	\$	£	€	RMB	DESCRIPTION
HCS020*	\$ 50.00	£ 36.00	€ 43.50	¥ 398.50	SM05-Threaded Adapter

*Universal Design, Imperial and Metric Compatible