Optomechanics

For current pricing, please see our website.

mounted devices.

Typical Application TR3E Engraved Post,

H1

PH3 Post Holder, and BA2 Base

Ø1/2" Post Holders

CHAPTERS

Mechanics

VSECTIONS

Mini Series Ø1/2" Post Assemblies Ø1" Post Ø1.5" Post Assemblies **Mounting/Angle**



Instrument Shelves

- Lens Tubes
- **Cage Systems**
- **Optical Rails**
- **Mirror Mounts**
- **Kinematic Mounts**
- **Fixed Mounts Translation Mounts**
- **Rotation Mounts Filter Mounts**

V-Mounts

Adapters

Irises/Apertures





Each \emptyset 1/2" Post Holder has a wide, square relief cut that provides a highly stable two-line contact for the mating post. A spring-loaded plunger within the anodized aluminum thumbscrew [TS25H (TS25H/M)] holds the steel post firmly







PH6



Extra Wide

Relief Cut

ITEM #	METRIC ITEM #	HEIGHT	\$	£	€	RMB	
PH1	PH1/M	1" (25.4 mm)	\$ 7.03	£ 5.06	€ 6,12	¥ 56.03	
PH1.5	PH1.5/M	1.5" (38.1 mm)	\$ 7.22	£ 5.20	€ 6,28	¥ 57.54	
PH2	PH2/M	2" (50.8 mm)	\$ 7.70	£ 5.54	€ 6,70	¥ 61.37	
PH3	PH3/M	3" (76.2 mm)	\$ 8.27	£ 5.95	€ 7,19	¥ 65.91	
PH4	PH4/M	4" (101.6 mm)	\$ 9.17	£ 6.60	€ 7,98	¥ 73.08	
PH6	PH6/M	6" (152.4 mm)	\$ 12.64	£ 9.10	€ 11,00	¥ 100.74	

Ø1/2" Translating Post Holders

Our Translating Post Holders provide lockable, non-rotating height adjustment with convenient one-handed operation. An anodized aluminum thumbscrew [TS25H (TS25H/M)] with a spring-loaded plunger provides holding force while the wide, square relief cut within the Ø1/2" post bore offers a stable two-line contact. A knurled adjustment ring actuates the non-rotating height adjustment, offering 0.025" (0.6 mm) of fine translational adjustment per revolution. Once a desired position is achieved, the entire mechanism can be locked in place with the lower thumbscrew.

Enhanced Locking Mechanism

All of our $\emptyset 1/2$ " post holders feature an extra wide square relief cut machined vertically along the length of the part, as shown in the drawing to the right. This channel provides a highly stable two-line

Extra Wide **Relief Cut** (Ô)

contact between the post and the post holder. Other post holder designs that do not have a relief cut provide less holding power, which leads to a downward drift in the post's position with time.



ITEM #	METRIC ITEM #	H1	H2	\$		£		€	RMB	DESCRIPTION
PH2T	PH2T/M	2.38" (60.5 mm)	2.83" (71.9 mm)	\$ 54.00	£	38.88	€	46,98	¥ 430.38	2" (50.8 mm) Translating Post Holder
PH3T	PH3T/M	2.96" (75.2 mm)	3.61" (91.7 mm)	\$ 56.00	£	40.32	€	48,72	¥ 446.32	3" (76.2 mm) Translating Post Holder



