Optomechanics

CHAPTERS

Mechanics

SECTIONS

Mini Series

Ø1/2" Post **Assemblies**

Ø1" Post

Ø1.5" Post **Assemblies**

Mounting/Angle

Lab Platforms

Instrument Shelves

Lens Tubes

Cage Systems

Optical Rails

Mirror Mounts

Kinematic Mounts

Fixed Mounts

Translation Mounts

Rotation Mounts

Filter Mounts

V-Mounts

Irises/Apertures

Adapters

Ø1/2" Post Holders

Each Ø1/2" 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 within the post holder prior to final tightening. This allows easy, one-handed height adjustment of post-





Typical Application TR3E Engraved Post, PH3 Post Holder, and BA2 Base



Extra Wide

(6.0 mm)











PH6

Extra Wide

Relief Cut

 (\bigcirc)

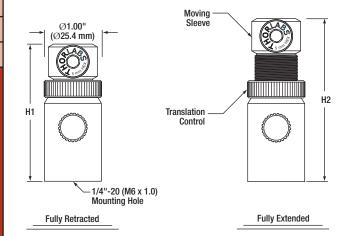
ITEM #	METRIC ITEM #	HEIGHT	\$	£	€	RMB	
PH1	PH1/M	1" (25.4 mm)	\$ 7.03	£ 5.06	€ 6,12	¥ 56.03	
PH1.5	PH1.5/M	1.5" (38.1 mm)	\$ 7.22	£ 5.20	€ 6,28	¥ 57.54	
PH2	PH2/M	2" (50.8 mm)	\$ 7.70	£ 5.54	€ 6,70	¥ 61.37	
PH3	PH3/M	3" (76.2 mm)	\$ 8.27	£ 5.95	€ 7,19	¥ 65.91	
PH4	PH4/M	4" (101.6 mm)	\$ 9.17	£ 6.60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

Ø1/2" Translating Post Holders

Height

(M6) Tap

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 Ø1/2" 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

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
РН3Т	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