Optomechanics

CHAPTERS \

Mechanics

SECTIONS \(\negline{\chi}\)

Mini Series

Ø1/2" 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

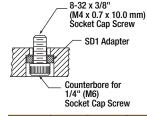
V-Mounts

Irises Apertures

Adapters

Adapter Ring





Threaded counterbore adapters are used to convert a counterbore into a threaded hole. A part such

as the KM100 Kinematic Mirror Mount features a counterbore that provides imperial and metric

The SD1 Adapter Ring allows an #8 (M4) cap screw to be used in a mounting hole that is counterbored for a Ø1/4" (M6) cap screw. These adapters are sold in packages of 10.



ITEM #	\$	£	€	RMB	DESCRIPTION		
SD1*	\$ 7.20	£ 5.18	€ 6,26	¥ 57.38	#8 (M4) to 1/4" (M6) Counterbore Adapter Ring, 10 Pack		
*Universal Design, Imperial and Metric Compatible							

Threaded Counterbore Adapters

- Convert Counterbores to Tapped Holes
- Slotted Edge for Tightening
- Designed for Slip-Fit with Thorlabs' Counterbores

compatibility; a cap screw is typically used to fasten

the mount to a post. In some instances, it may be

necessary to attach the mount to a post with a fixed



USE IN

C-BORE (B)



Front





CBA25E

Back

threaded stud. The this mounting opt slotted edge that e	tion. These adapt	ters feature a	CBA8E CBA25E CBA4M CBA6M	8-32 1/4"-20 M4 M6	#8 1/4" M4 M6	
ITEM #	\$	£	€	RMB		DESCE
CBA8E	\$ 5.80	£ 4.18	€ 5,05	¥ 46.23	8	3-32 Tapped (
CDASSE	¢ 7.20	6 5 10	6 626	V 57 20	1.1	/!! 00 T

ITEM #

CBA8E

ITEM #	\$	£	€	RMB	DESCRIPTION
CBA8E	\$ 5.80	£ 4.18	€ 5,05	¥ 46.23	8-32 Tapped Counterbore Adapter
CBA25E	\$ 7.20	£ 5.18	€ 6,26	¥ 57.38	1/4"-20 Tapped Counterbore Adapter
CBA4M	\$ 5.80	£ 4.18	€ 5,05	¥ 46.23	M4 x 0.7 Tapped Counterbore Adapter
CBA6M	\$ 7.20	£ 5.18	€ 6,26	¥ 57.38	M6 x 1.0 Tapped Counterbore Adapter

INTERNAL

THREAD (A)

Micrometer Barrel Adapters





These two slotted brass sleeves are an ideal solution for securing Ø0.375" (Ø9.5 mm) and Ø10.0 mm (Ø0.39") mounting barrels into components designed for Ø0.50" (Ø12.7 mm) barrels. The slotted sleeve allows an externally applied clamping force to be transferred to the mounting barrel.

RBA1	
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	Micrometer Sold Separately

ITEM #	\$	£	€	RMB	DESCRIPTION
RBA1	\$ 8.90	£ 6.41	€ 7,74	¥ 70.93	Mounting Barrel Adapter, Ø0.375" to Ø0.50"
RBA2	\$ 8.90	£ 6.41	€ 7,74	¥ 70.93	Mounting Barrel Adapter, Ø10.00 mm to Ø0.50"

NanoMax[™] Thumbscrew Drive Adapters

The MCA1 and MCA2 Quick-Connect Adapters are designed for use with many of our DRV adjusters and actuators (see page 603 for compatible items). This allows these adjusters to be utilized in stages with either a Ø3/8" (Ø9.5 mm) barrel for the MCA1 or a Ø10.0 mm (Ø0.39") barrel for the MCA2.



MCA1 Creates Ø3/8" **Mounting Barrel**

ITEM #	\$	£	€	RMB	DESCRIPTION
MCA1	\$ 18.90	£ 13.61	€ 16,44	¥ 150.63	Quick-Connect Adapter for Ø3/8" Barrel
MCA2	\$ 18.90	£ 13.61	€ 16,44	¥ 150.63	Quick-Connect Adapter for Ø10.0 mm Barrel