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25/25.4mm Dia., Kinematic Mount, 3-Screws, Quick Start Optical Mounts



#17-523: 25/25.4mm Dia., Kinematic Mount, 3-Screws



Stock **#17-523** CLEARANCE CONTACT US

-

1

+

€149^{.00}

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Volume Pricing	
Qty 1+	€149,00 each
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Product Downloads

General

Type:

Adjustable - Tip-Tilt

Type of Optics:

Circular

Number of Adjustment Screws:

3

Contents of Kit:		
#58-854, #15-850		
Physical & Mechanical Properties		
Clear Aperture CA (mm):		
22.9		
Travel (mm):		
Z-Axis: 8		
Construction:		
Aluminum Plates, Stainless Steel Screws, and Brass Thread Bushings		
Fine Tilt Angle (°):		
±5		
Fine Tip Angle (°):		
±5		
Sensitivity per 1° Knob Rotation (arcsec):		
4		
Adjustment Screw Pitch (mm):		
0.25		
Min. Thickness of Compatible Optics (mm):		
1.8		
Pointing Stability (μrad):		
1.3		
Optical Axis Height (mm):		
127.00		
Post Diameter (mm):		
25.4		
Optical Properties		
Angle Tolerance (°):		
0.4 per 0.25mm turn		
Threading & Mounting		
Size of Compatible Optics (mm):		
25.0 - 25.4		
Compatible Post:		
M4 x0.7, 8-32		
Environmental & Durability Factors		
Thermal Stability (μrad):		
<5		
Regulatory Compliance		
RoHS 2015:		
Compliant		
Certificate of Conformance:		
View		
Reach 233:		
Compliant		

Product Details

- Common 5" (127mm) Optical Axis Heights for Easy System Integration
 - Optical Mounts and Pedestal Posts Bundled with 5% Discounted Price
 - Ideal for Setting Up New Benchtop Optical Systems
- Quick Start Optical Mounts are designed with a common 5" (127mm) optical axis height from the lab table surface, combining all necessary mounting hardware for easy system integration. With Quick Start Optical Mounts designed for a wide variety of optical components, complex systems and experiments can be easily arranged without the need for extensive optical axis adjustment. Quick Start Optical Mounts are ideal for quickly and conveniently setting up new benchtop optical systems with essential Edmund Optics mounts like the [E-Series Kinematic Optical Mirror Mounts](#), [TECHSPEC Kinematic Optical Mirror Mounts](#), [Compact Mirror & Lens Mounts](#), and [Optic Component Mounts](#).

Technical Information

Kit Stock No.	Kit Description	Contents of Kit
#17-513	25.0/25.4mm Optic Diameter, X-Y Translating Quick Start Optical Mounts	#62-956 : 25.0/25.4mm Optic Dia., X-Y Translating Optic Mount #16-460 : Pedestal Extender 20.8mm, M6, 8-32 #15-849 : Pedestal Post, English, 76.2mm
#17-514	50.0/50.8mm Optic Diameter, X-Y Translating Optic Mount, Quick Start Optical Mounts	#62-957 : 50.0/50.8mm Optic Dia., X-Y Translating Optic Mount #16-317 : Pedestal Extender 8.0mm, 8-32, M6 #15-849 : Pedestal Post, English, 76.2mm

#17-515	25.4mm Optic Dia., Fixed Optic Mount, Quick Start Optical Mounts	#64-561 : 25.4mm Optic Dia., 10mm Max Optic Thickness, Optic Mount #16-305 : Pedestal Shim 5/32" (3.97mm) #16-333 : 12.5mm Length 1/4"-20, #8-32 Thread Adapter #15-850 : Pedestal Post, English, 101.6mm
#17-516	50.0mm Optic Dia., Fixed Optic Mount, Quick Start Optical Mounts	#64-567 : 50.0mm Optic Dia., Optic Mount #16-321 : Pedestal Extender 16.8mm, 8-32, M6 #15-849 : Pedestal Post, English, 76.2mm
#17-517	25/25.4mm ID, Precision Gimbal Mount, Quick Start Optical Mounts	#54-999 : 25.0/25.4mm Optic Dia., Precision Gimbal Mount #16-308 : Pedestal Shim 1/16" (1.59mm) #16-329 : 10.5mm Length M6, #8-32 Thread Adapter #15-849 : Pedestal Post, English, 76.2mm
#17-518	50/50.8mm ID, Precision Gimbal Mount, Quick Start Optical Mounts	#55-000 : 50.0/50.8mm Optic Dia., Precision Gimbal Mount #16-310 : Pedestal Shim 1/64" (0.40mm) #16-321 : Pedestal Extender 16.8mm, 8-32, M6 #15-848 : Pedestal Post, English, 50.8mm
#17-519	25.0/25.4mm Optic Dia., Kinematic Mirror Mount with Micrometer, Quick Start Optical Mounts	#55-456 : 25.0/25.4mm Optic Dia., Kinematic Mirror Mount with Micrometer #16-319 : Pedestal Extender 14.0mm, 8-32, M6 #16-309 : Pedestal Shim 1/32" (0.79mm) #15-849 : Pedestal Post, English, 76.2mm
#17-520	50.0/50.8mm Optic Dia., Kinematic Mirror Mount with Micrometer, Quick Start Optical Mounts	#56-326 : 50.0/50.8mm Optic Dia., Kinematic Mirror Mount with Micrometer #16-304 : Pedestal Shim 3/16" (4.76mm) #16-331 : 15.0mm Length M6, #8-32 Thread Adapter #15-849 : Pedestal Post, English, 76.2mm
#17-521	25/25.4mm Diameter, E-Series Kinematic Mbunt, Quick Start Optical Mounts	#15-866 : 25.0/25.4mm Optic Dia., E-Series Kinematic Mount #15-850 : Pedestal Post, English, 101.6mm
#17-522	50/50.8mm Diameter, E-Series Kinematic Mount, Quick Start Optical Mounts	#15-867 : 50.0/50.8mm Optic Dia., E-Series Kinematic Mount #15-857 : Pedestal Extender, English, 76.2mm #15-845 : Pedestal Post, English, 12.7mm
#17-523	25/25.4mm Dia., Kinematic Mount, 3-Screws, Quick Start Optical Mounts	#58-854 : 25.0/25.4mm Optic Dia., Kinematic Mount, 3-Screws #15-850 : Pedestal Post, English, 101.6mm
#17-524	50/50.8mm Dia., Kinematic Mount, 3-Screws, Quick Start Optical Mounts	#58-855 : 50.0/50.8mm Optic Dia., Kinematic Mount, 3-Screws #15-857 : Pedestal Extender, English, 76.2mm #15-845 : Pedestal Post, English, 12.7mm
#17-525	25.4mm w/ micrometer, Polarizer Mount, Quick Start Optical Mounts	#55-011 : 25.4mm w/ micrometer, Polarizer Mount #16-322 : Pedestal Extender 18.0mm, 8-32, M6 #15-849 : Pedestal Post, English, 76.2mm
#17-526	50.0mm w/ micrometer, Polarizer Mount, Quick Start Optical Mounts	#56-329 : 50.0mm w/ micrometer, Polarizer Mount #16-317 : Pedestal Extender 8.0mm, 8-32, M6 #15-849 : Pedestal Post, English, 76.2mm
#17-527	50mm Cube, Prism Mount Metric, Quick Start Optical Mounts	#55-013 : 50mm Diameter, Prism Mount Metric #16-322 : Pedestal Extender 18.0mm, 8-32, M6 #16-309 : Pedestal Shim 1/32" (0.79mm) #15-848 : Pedestal Post, English, 50.8mm
#17-528	50mm Cube Rotary Mount with Prism Holder, Quick Start Optical Mounts	#53-027 : Rotary Mount with Prism Holder #16-325 : Pedestal Extender 18.0mm, 8-32, 1/4"-20 #15-848 : Pedestal Post, English, 50.8mm
#17-529	2"/50.8mm Square, Bar Clamp, Quick Start Optical Mounts	#54-995 : 60mm sq - Rectangular Bar Clamp #16-318 : Pedestal Extender 11.0mm, 8-32, M6 #15-849 : Pedestal Post, English, 76.2mm
#17-530	2"/50.8mm Diameter, Bar Type Lens / Filter Holder, Quick Start Optical Mounts	#03-669 : 7.0 - 67.0 Optic Height, English Bar-Type Optic Holder #16-323 : Pedestal Extender 11.0mm, 8-32, 1/4"-20 #15-849 : Pedestal Post, English, 76.2mm
#17-531	2"/50.8mm Square, Spring Mount Filter Holder, Quick Start Optical Mounts	#55-531 : Spring Mount Filter Holder, Metric #16-320 : Pedestal Extender 16.0mm, 8-32, M6 #15-849 : Pedestal Post, English, 76.2mm
#17-532	30mm Dia., Multiple Filter Holder, Quick Start Optical Mounts	#55-006 : 30mm, Multiple Filter Holder #16-321 : Pedestal Extender 16.8mm, 8-32, M6 #15-849 : Pedestal Post, English, 76.2mm
#17-533	25mm Dia., Manual Filter Wheel, Quick Start Optical Mounts	#34-545 : Manual Cage Filter Wheel #16-329 : 10.5mm Length M6, #8-32 Thread Adapter #15-850 : Pedestal Post, English, 101.6mm
#17-534	25.4mm Optic Dia., Thin Mirror Mbunt, M4, Quick Start Optical Mounts	#13-590 : 25.4mm Optic Dia., Thin Mirror Mount M4 #15-844 : Pedestal Post, Metric, 101.6mm
#17-535	25.4mm Optic Dia., Thin Mirror Mbunt, 8-32, Quick Start Optical Mounts	#13-591 : 25.4mm Optic Dia., Thin Mirror Mount, 8-32 #15-850 : Pedestal Post, English, 101.6mm
#17-536	25.0/25.4mm Optic Dia., SM1 Thin Mount, M4, Quick Start Optical Mounts	#13-787 : 25.0/25.4mm Optic Dia., SM1 Thin Mount, M4 #15-844 : Pedestal Post, Metric, 101.6mm
#17-537	25.0/25.4mm Optic Dia., SM1 Thin Mount, 8-32, Quick Start Optical Mounts	#13-788 : 25.0/25.4mm Optic Dia., SM1 Thin Mount, 8-32 #15-850 : Pedestal Post, English, 101.6mm