

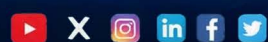


 **HOLMARC**
OPTO-MECHATRONICS LTD



OPTOMECHANICS

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642 SHC Screws
642 Metric Socket Cap Screws
643 Metric Set Screws
643 Metric Allen Key, Washers & Nut
643 All in One Screw kit



Platforms

- Optical experiment adjustments
- Laser positioning control
- Instrumentation alignment precision



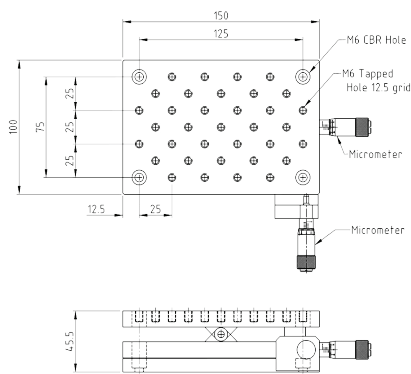
Precision Tilting Platform

Model: TRSD-100-150



Precision Tilting Platform with Advanced Precision for Your Scientific Needs

Introducing the Holmarc TRSD-100-150 Tip-Tilt Platform, designed for high-precision adjustments in scientific research and industrial applications. This platform allows for meticulous control and stability, essential for optical experiments, laser positioning, and precise instrumentation alignment. Constructed from anodized aluminium, it promises durability and long-lasting performance.



Specifications

Tilting Range	± 2.5 degrees in both X and Y axes
Drive Mechanism	High-precision micrometer with 0.5 mm pitch
Platform Size	100 x 150 mm
Height	45.5 mm
Load Capacity	Up to 5 kg
Material	Anodized Aluminium for enhanced durability
Mounting Options	Heavy-duty and pillar post mountable
Accessories	Heavy duty post and heavy duty post base (sold separately)
Tilting Range	± 2.5 degrees, providing fine adjustment for precise positioning
Drive	Micrometer screw with a 0.5 mm pitch for smooth and accurate tilt adjustments
Platform Size	100 mm x 150 mm, offering a substantial area for various applications
Height	45.5 mm, ensuring a compact design that fits seamlessly into your setup
Load Capacity	Capable of supporting up to 5 kg, ideal for a wide range of instruments and devices
Material	Made from high-quality anodized aluminium for enhanced durability and longevity
Mounting Options	• Top Mounting : M6 mounting holes for secure attachment of equipment • Bottom Mounting : M6 counter bore holes for stable and flexible installation



Applications

- Precision instrumentation alignment
- Optical experiments and setups
- Laser positioning
- Scientific research requiring fine adjustment

Accessories

Heavy Duty Post : Ensures robust and stable support for the platform

Heavy Duty Post Base : Provides a firm foundation for mounting the tilt platform (#sold separately)

4 Axis Platform Model: 4A-100-150

Versatile Precision Platform for Advanced Applications

Holmarc 4A-100-150 4 Axis Platform is engineered to meet the highest standards of precision and flexibility. With its comprehensive range of motion across four axes, this platform is ideal for complex setups in scientific research, optical experiments, and industrial applications. Constructed from anodized aluminium, it guarantees durability and reliable performance in demanding environments

Specifications

Four-Axis Movement	Includes tilting, vertical (Z) and horizontal (X) adjustments
Drive Mechanisms	Micrometer : For precise tip-tilt adjustments with a 0.5mm pitch Leadscrew : For smooth X and Z axis movements
Platform Size	150 x 100 mm
Height Range	154.5 mm to 229.5 mm
Load Capacity	Up to 5 kg
Material	Anodized Aluminium for enhanced durability
Mounting Options	M6 tapped holes on top and M6 counter bore holes for breadboard mounting
Platform Size	150 mm x 100 mm
Minimum Height	154.5 mm
Maximum Height	229.5 mm
Tilting Range	± 2.5 degrees for precise angular adjustments
Z Axis Travel	75 mm for vertical positioning
X Stage Travel	100 mm for horizontal positioning
Load Capacity	Capable of supporting up to 5 kg
Drives :	Micrometer : For accurate tip-tilt adjustments Leadscrew : For stable and precise X and Z movements
Mounting Options	Top Mounting : M6 tapped holes for secure attachment of equipment Bottom Mounting : M6 counter bore holes for breadboard installation
Material	High-quality anodized aluminium for durability and resistance to wear

Single Axis Tilting Platform Model: ST-100-150

Precision Tilting for Diverse Applications

The Holmarc ST-100-150 Single Axis Tilt Platform is designed to provide precise angular positioning for various scientific and industrial applications. With a robust leadscrew drive and a wide tilting range, this platform ensures accurate and stable adjustments. The anodized aluminium construction enhances durability, making it a reliable choice for demanding environments.

Specifications

Tilting Range	0 to 60 degrees for extensive angular adjustment
Drive Mechanism	Leadscrew with link plate mechanism for smooth and precise tilting
Platform Size	150 x 100 mm
Height	56 mm
Load Capacity	Up to 3 Kg
Material	Anodized Aluminium for enhanced durability
Mounting Options	M6 tapped holes on top and M6 CBR slots on the base for versatile mounting solutions
Platform Size	150 mm x 100 mm
Height	56 mm
Tilting Range	0 to 60 degrees, providing a wide range of angular adjustment
Load Capacity	Capable of supporting up to 3 Kg
Drive	Leadscrew with link plate mechanism for precise and stable tilt adjustments
Mounting Options	Top Mounting : M6 tapped holes on a 25 mm grid for secure attachment of equipment Base Mounting : M6 CBR slots for breadboard installation
Material	Made from high-quality anodized aluminium for durability and resistance to wear



Applications

- Precision instrumentation alignment
- Optical experiments and setups, Laser positioning
- Scientific research requiring fine and multi-axis adjustments
- Industrial applications needing robust and versatile platforms

Accessories

- Heavy Duty Post : Ensures robust and stable support for the platform
- Heavy Duty Post Base : Provides a firm foundation for mounting the tilt platform (#sold separately)



Applications

Precision instrumentation alignment
Optical experiments and setups
Laser positioning
Scientific research requiring fine angular adjustments
Industrial applications needing robust and precise tilt platforms

Accessories

Heavy Duty Post : Ensures robust and stable support for the platform
Heavy Duty Post Base : Provides a firm foundation for mounting the tilt platform (#sold separately)

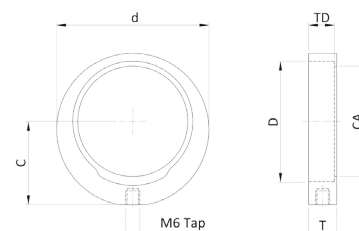
Kinematic Mirror Mounts

- Beam splitter mounting
- Mirror alignment adjustments
- Filter positioning control



Rigid Mirror Mounts RMM Series

RMM Series rigid mirror mounts are post mountable. Optics is held by nylon tipped set screw in a 3 point contact stepped bore of the device. Rigid mirror mounts are manufactured from aluminium alloy 6061 grade and given black anodized finish. M6 mounting hole is provided for post mounting applications.



Model No	RMM - 12.5	RMM - 25	RMM - 38	RMM - 50	RMM - 75
					
Optics Size D	12.5 mm or 0.5"	25 mm or 1"	38 mm or 1.5"	50 mm or 2"	75 mm or 3"
C	13.5	21.5	27	35.5	49.5
d	24	38	50	65	90
TD	9	11	11	11	14
CA	11	23	35	47	72
T	10	12	12	12	16

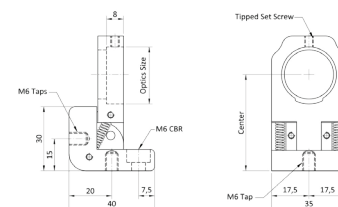
Optic mounts are used for holding optical components such as mirrors, lenses, prisms, filters etc. in an experimental setup. Optic mounts can be simple rigid mounts or can be with multi-axes positioning capabilities.

- Aluminium alloy - 6061 grade
- Black Anodized Finish
- M6 Mounting hole provided

Rigid flip Mounts FLRMM Series

Rigid Flip Mirror Mounts can be used for sudden entry of a mirror or beam splitter in an optical path by flipping action. These mounts assures precise positioning and repeatability.

Model No	FLRMM - 12.5	FLRMM - 25	FLRMM - 50
			
Optics Size	12.5 mm or 0.5"	25 mm or 1"	50 mm or 2"
Center Height	38	45	60



- Aluminium alloy
- Black Anodized Finish

Plain Mirror Mounts

MM Series

Front surface of the mount is plain. Optics can be fixed to the front surface of the mount using adhesive. Two types of plane mirror mounts are available. MM-AK-T series mounts provide translation in addition to tilting. This type of mount has three lead screws, two of them for tilting and third one for translation. Concentric M4 CBR holes and M6 tapped holes are provided at two adjacent sides for vertical mounting of mirror mount. One M6 mounting hole is provided at the back plate for horizontal mounting in prism mounting applications.

Specifications



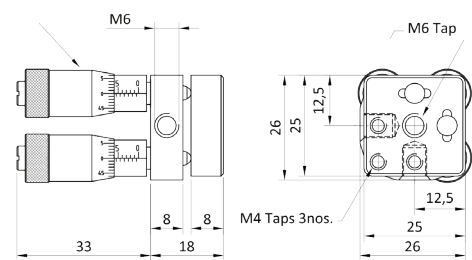
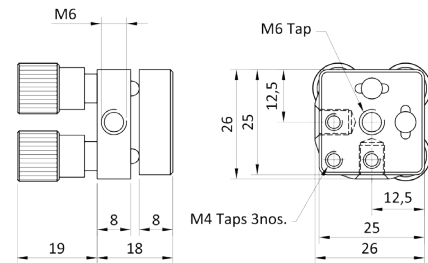
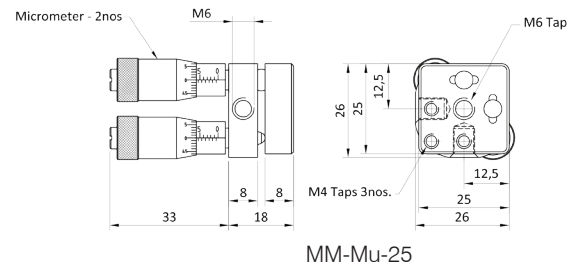
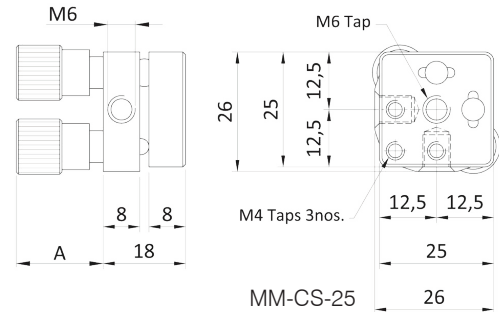
Angular Tip / Tilt	+/- 3°
Translation Range	6 mm (Selected Models Only)
Linear Resolution	0.25 mm (100 Tpi)
Sensitivity	4 arc sec.
Mounting Hole	M6
Mounting Orientation	Vertical & Horizontal
Material	Aluminium

Model No	Optics Size	Mounting Hole
MM-AK-25	25 mm or 1"	M6
MM-AK-38	38 mm or 1.5"	M6
MM-AK-50	50 mm or 2"	M6
MM-CS-25	25 mm or 1"	M6
MM-CS-38	38 mm or 1.5"	M6
MM-CS-50	50 mm or 2"	M6
MM-Mu-25	25 mm or 1"	M6
MM-Mu-38	38 mm or 1.5"	M6
MM-Mu-50	50 mm or 2"	M6

Plane Mirror Mount with Translation

MM-AK-T-25	25 mm or 1"	M6
MM-AK-T-38	38 mm or 1.5"	M6
MM-AK-T-50	50 mm or 2"	M6
MM-CS-T-25	25 mm or 1"	M6
MM-CS-T-38	38 mm or 1.5"	M6
MM-CS-T-50	50 mm or 2"	M6
MM-Mu-T-25	25 mm or 1"	M6
MM-Mu-T-38	38 mm or 1.5"	M6
MM-Mu-T-50	50 mm or 2"	M6

MM Series Black anodized finish
Lead Screw / Micrometer Drive



Model : MM-AK-25



Model : MM-Mu-25

Kinematic Mount For Rectangular Optics KMR Series

In KMR series mirror or beam splitter mounts, optics is held in a square pocket machined in the tilting plate of the mount. Nylon tipped soft set-screws are used to tighten the optics in this pocket. Back plate is L shaped. We can use beam splitter, mirror, filter etc. along with this mount. Two types of KMR series mirror or beam splitter mounts are available. KMR - AK - T series mounts provide translation in addition to tilting in two axis.

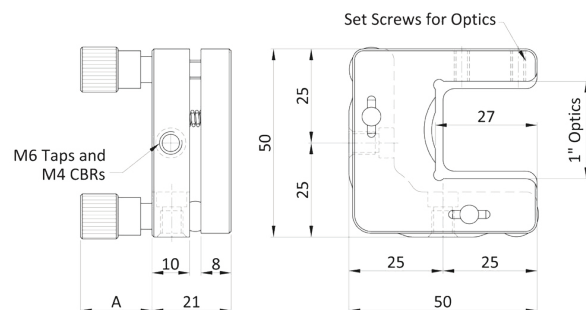
Specifications

Angular Tip / Tilt	+/- 3°
Translation Range	6 mm (Selected Models Only)
Linear Resolution	0.25 mm (100 Tpi)
Sensitivity	4 arc sec.
Mounting Hole	M6 Tapped / M4 CBR
Mounting Orientation	Vertical & Horizontal
Material	Aluminium
M6 Mounting hole provided	
Vertical & horizontal mounting orientation	

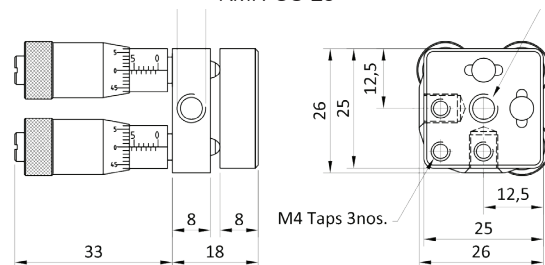
Model No	Optics Size	Mounting Hole
KMR-AK-25	25 mm or 1"	M6
KMR-AK-38	38 mm or 1.5"	M6
KMR-AK-50	50 mm or 2.0"	M6
KMR-LS-25	25 mm or 1"	M6
KMR-LS-38	38 mm or 1.5"	M6
KMR-LS-50	50 mm or 2.0"	M6
KMR-CS-25	25 mm or 1"	M6
KMR-CS-38	38 mm or 1.5"	M6
KMR-CS-50	50 mm or 2.0"	M6
KMR-Mu-25	25 mm or 1"	M6
KMR-Mu-38	38 mm or 1.5"	M6
KMR-Mu-50	50 mm or 2.0"	M6

Plane Mirror Mount with Translation

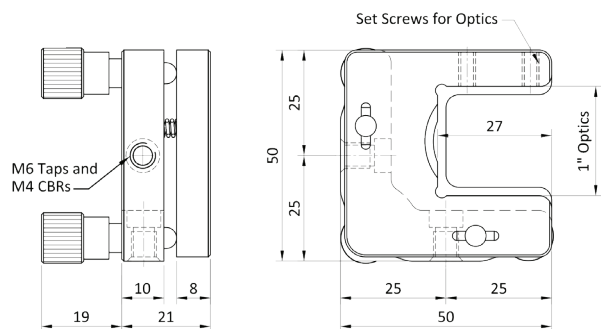
KMR-AK-T-25	25 mm or 1"	M6
KMR-AK-T-38	38 mm or 1.5"	M6
KMR-AK-T-50	50 mm or 2.0"	M6
KMR-LS-T-25	25 mm or 1"	M6
KMR-LS-T-38	38 mm or 1.5"	M6
KMR-LS-T-50	50 mm or 2.0"	M6
KMR-CS-T-25	25 mm or 1"	M6
KMR-CS-T-38	38 mm or 1.5"	M6
KMR-CS-T-50	50 mm or 2.0"	M6
KMR-Mu-T-25	25 mm or 1"	M6
KMR-Mu-T-38	38 mm or 1.5"	M6
KMR-Mu-T-50	50 mm or 2.0"	M6



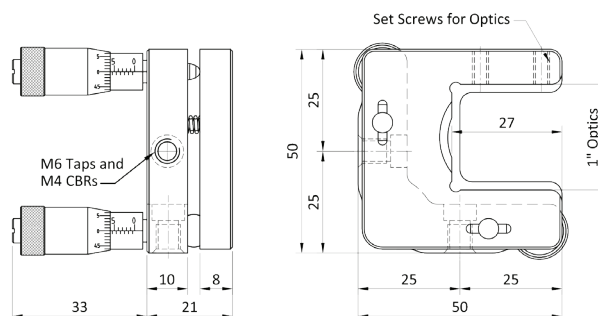
KMR-CS-25



KMR-Mu-25



KMR-CS-T-25



KMR-Mu-T-25

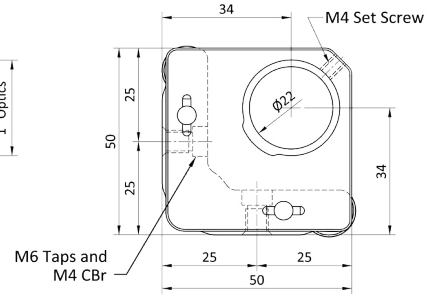
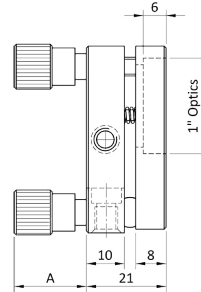


Kinematic Mount For Circular Optics BM Series

Optics is mounted in a stepped bore at one corner with the help of nylon tipped set screw. Three drive choices are available in BM series mirror / beam splitter mounts.

Specifications

Angular Tip / Tilt	+/- 3°
Translation Range	6 mm (Selected Models Only)
Linear Resolution	0.25 mm (100 Tpi)
Sensitivity	4 arc sec.
Mounting Hole	M6 Tapped / M4 CBR
Mounting Orientation	Vertical & Horizontal
Material	Aluminium



0.25mm linear resolution
Black Anodized Finish

Precision Lock

Kinematic mount for circular optics with precision lock are available on request.



Thin Optics Adapters

These are suitable for mounting thin beam splitters, mirrors or filters on a threaded cell. 1 mm to 3 mm diameter optics can be held in thin optics adapter.



45° Mirror Holders

Suitable for fixing mirrors or beam splitters at 45°s on the kinematic Mount. Nylon tipped set screw is used for fixing the optics on to the adapter.



BM-AK-12.5		12.5 mm or 0.5"	M4
BM-AK-25		25 mm or 1"	M6
BM-AK-38		38 mm or 1.5"	M6
BM-AK-50		50 mm or 2.0"	M6
BM-LS-12.5		12.5 mm or 0.5"	M6
BM-LS-25		25 mm or 1"	M6
BM-LS-38		38 mm or 1.5"	M6
BM-LS-50		50 mm or 2.0"	M6
BM-CS-12.5		12.5 mm or 0.5"	M4
BM-CS-25		25 mm or 1"	M6
BM-CS-38		38 mm or 1.5"	M6
BM-CS-50		50 mm or 2.0"	M6
BM-Mu-25		25 mm or 1"	M6
BM-Mu-38		38 mm or 1.5"	M6
BM-Mu-50		50 mm or 2.0"	M6

Mount with
Translation

BM-AK-T-12.5		12.5 mm or 0.5"	M4
BM-AK-T-25		25 mm or 1"	M6
BM-AK-T-38		38 mm or 1.5"	M6
BM-AK-T-50		50 mm or 2.0"	M6
BM-LS-T-12.5		25 mm or 1"	M6
BM-LS-T-25		25 mm or 1"	M6
BM-LS-T-38		38 mm or 1.5"	M6
BM-LS-T-50		50 mm or 2.0"	M6
BM-CS-T-12.5		12.5 mm or 0.5"	M4
BM-CS-T-25		25 mm or 1"	M6
BM-CS-T-38		38 mm or 1.5"	M6
BM-CS-T-50		50 mm or 2.0"	M6
BM-Mu-T-25		25 mm or 1"	M6
BM-Mu-T-38		38 mm or 1.5"	M6
BM-Mu-T-50		50 mm or 2.0"	M6



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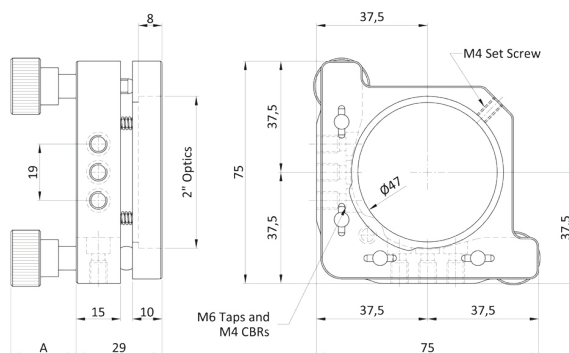
CS Series	Mu Series		
A - 19 ± 3	A - 25.5 ± 3	25 mm or 1"	CS Series - Covered
A - 21 ± 3	A - 25.5 ± 3	38 mm or 1.5"	Lead Screw Drive
A - 23 ± 3	A - 25.5 ± 3	50 mm or 2.0"	Mu Series - Micrometer Drive

Kinematic Mount For Circular Optics KMC Series

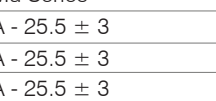
In KMC series Mirror / Beam splitter mount, optics is mounted at the center of the mirror mount. This mirror mount is suitable for circular mirrors, beamsplitters, lenses etc.

Specifications

Angular Tip / Tilt	+/- 3°
Translation Range	6 mm (Selected Models Only)
Linear Resolution	0.25 mm (100 Tpi)
Sensitivity	4 arc sec.
Mounting Hole	M6 Tapped / M4 CBR
Mounting Orientation	Vertical & Horizontal
Material	Aluminium



+/- 3 degree angular tilt is possible
Made of aluminum alloy

Model No		Optics Size	Mounting Hole
KMC-AK-12.5		12.5 mm or 0.5"	M4
KMC-AK-25		25 mm or 1"	M6
KMC-AK-38		38 mm or 1.5"	M6
KMC-AK-50		50 mm or 2.0"	M6
KMC-LS-12.5		12.5 mm or 0.5"	M4
KMC-LS-25		25 mm or 1"	M6
KMC-LS-38		38 mm or 1.5"	M6
KMC-LS-50		50 mm or 2.0"	M6
KMC-CS-12.5		12.5 mm or 0.5"	M4
KMC-CS-25		25 mm or 1"	M6
KMC-CS-38		38 mm or 1.5"	M6
KMC-CS-50		50 mm or 2.0"	M6
KMC-Mu-25		25 mm or 1"	M6
KMC-Mu-38		38 mm or 1.5"	M6
KMC-Mu-50		50 mm or 2.0"	M6
Mount with Translation			
KMC-AK-T-12.5		12.5 mm or 0.5"	M4
KMC-AK-T-25		25 mm or 1"	M6
KMC-AK-T-38		38 mm or 1.5"	M6
KMC-AK-T-50		50 mm or 2.0"	M6
KMC-LS-T-12.5		12.5 mm or 0.5"	M4
KMC-LS-T-25		25 mm or 1"	M6
KMC-LS-T-38		38 mm or 1.5"	M6
KMC-LS-T-50		50 mm or 2.0"	M6
KMC-CS-T-12.5		12.5 mm or 0.5"	M4
KMC-CS-T-25		25 mm or 1"	M6
KMC-CS-T-38		38 mm or 1.5"	M6
KMC-CS-T-50		50 mm or 2.0"	M6
KMC-Mu-T-25		25 mm or 1"	M6
KMC-Mu-T-38		38 mm or 1.5"	M6
KMC-Mu-T-50		50 mm or 2.0"	M6



CS Series	Mu Series		
A - 19 ± 3	A - 25.5 ± 3	25 mm or 1"	CS Series - Covered Lead Screw Drive Mu Series - Micrometer Drive
A - 21 ± 3	A - 25.5 ± 3	38 mm or 1.5"	
A - 23 ± 3	A - 25.5 ± 3	50 mm or 2.0"	



Kinematic Mirror Mount D Shaped KMD Series

Specifications



Angular Tip / Tilt	+/- 3°
Translation Range	6 mm (Selected Models Only)
Linear Resolution	0.25 mm (100 Tpi)
Sensitivity	4 arc sec.
Mounting Hole	M6 Tapped / M4 CBR
Mounting Orientation	Vertical & Horizontal, Left & Right orientation
Material	Aluminium

	Optics Size 12.5 mm or 0.5"
	M4 Threaded holes
Model No	Optics Size
KMD05R - AK	D shaped right handed Kinematic mirror mount with hex adjusters
KMD05R - AKT	D shaped right handed Kinematic mirror mount with hex adjusters and translation
KMD05L - AK	D shaped left handed Kinematic mirror mount with hex adjusters
KMD05L - AKT	D shaped left handed Kinematic mirror mount with hex adjusters and translation
KMD05R - LS	D shaped right handed Kinematic mirror mount with knob adjusters
KMD05R - LST	D shaped right handed Kinematic mirror mount with knob adjuster and translation
KMD05L - LS	D shaped left handed Kinematic mirror mount with knob adjuster
KMD05L - LST	D shaped left handed Kinematic mirror mount with knob adjuster and translation

	Optics Size 25 mm or 1" M6 Threaded hole & M4 Cbr hole
KMD25R - AK	D shaped right handed Kinematic mirror mount with hex adjusters
KMD25R - AKT	D shaped right handed Kinematic mirror mount with hex adjusters and translation
KMD25L - AK	D shaped left handed Kinematic mirror mount with hex adjuster
KMD25L - AKT	D shaped left handed Kinematic mirror mount with hex adjusters and translation
KMD25R - CS	D shaped right handed Kinematic mirror mount with knob adjusters
KMD25R - CST	D shaped right handed Kinematic mirror mount with knob adjuster and translation
KMD25L - CS	D shaped left handed Kinematic mirror mount with knob adjuster
KMD25L - CST	D shaped left handed Kinematic mirror mount with knob adjuster and translation

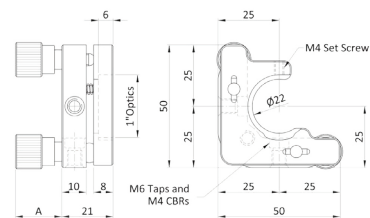
+/- 3 degree angular tilt is possible
Made of aluminum alloy



Kinematic Mount With Maximum Aperture BMX Series

In BMX series maximum aperture mirror / beam splitter mount, optics is mounted at the center of the mount. Obstruction from the mount will be minimum. There is more freedom in setting up reflection or transmission angle.

Two types of BMX series mirror/beam splitter mounts are available. BMX - AK - T series mounts provide translation in addition to tilting in two axis.



Specifications

Angular Tip / Tilt	+/- 3°
Translation Range	6 mm (Selected Models Only)
Linear Resolution	0.25 mm (100 Tpi)
Sensitivity	4 arc sec.
Mounting Hole	M6 Tapped / M4 CBR
Mounting Orientation	Vertical & Horizontal
Material	Aluminium

M6 & M4 mounting holes
Black Anodized Finish

Model No		Optics Size	Mounting Hole
BMX-AK-25		25 mm or 1"	M6
BMX-AK-38		38 mm or 1.5"	M6
BMX-AK-50		50 mm or 2.0"	M6
BMX-LS-25		25 mm or 1"	M6
BMX-LS-38		38 mm or 1.5"	M6
BMX-LS-50		50 mm or 2.0"	M6
BMX-CS-25		25 mm or 1"	M6
BMX-CS-38		38 mm or 1.5"	M6
BMX-CS-50		50 mm or 2.0"	M6
BMX-Mu-25		25 mm or 1"	M6
BMX-Mu-38		38 mm or 1.5"	M6
BMX-Mu-50		50 mm or 2.0"	M6

Mount with Translation		Optics Size	Mounting Hole
BMX-AK-T-25		25 mm or 1"	M6
BMX-AK-T-38		38 mm or 1.5"	M6
BMX-AK-T-50		50 mm or 2.0"	M6
BMX-LS-T-25		25 mm or 1"	M6
BMX-LS-T-38		38 mm or 1.5"	M6
BMX-LS-T-50		50 mm or 2.0"	M6
BMX-CS-T-25		25 mm or 1"	M6
BMX-CS-T-38		38 mm or 1.5"	M6
BMX-CS-T-50		50 mm or 2.0"	M6
BMX-Mu-T-25		25 mm or 1"	M6
BMX-Mu-T-38		38 mm or 1.5"	M6
BMX-Mu-T-50		50 mm or 2.0"	M6

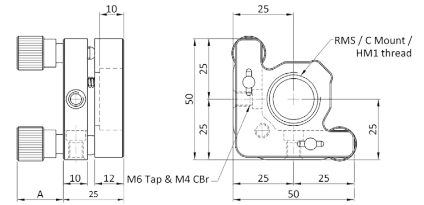


CS Series	Mu Series	Optics Size	
A - 19 ± 3	A - 25.5 ± 3	25 mm or 1"	
A - 21 ± 3	A - 25.5 ± 3	38 mm or 1.5"	CS Series - Covered Lead Screw Drive
A - 23 ± 3	A - 25.5 ± 3	50 mm or 2.0"	Mu Series - Micrometer Drive



Kinematic Lens Mounts / Objective Lens Mounts

KLM series threaded type mounts are suitable for mounting Lenses, Microscope objectives, C mount microscopic objectives and camera lenses, lens tubes, condenser lens, beam expanders etc. In KLM series kinematic mounts, optics is held in the threaded bore by a threaded ring or suitable threaded optical components. This mount is post mountable type with M6 mounting hole at the bottom.



Specifications

Angular Tip / Tilt	+/- 3°
Translation Range	6 mm (Selected Models Only)
Linear Resolution	0.25 mm (100 Tpi)
Sensitivity	4 arc sec.
Mounting Hole	M6 / M4
Mounting Orientation	Vertical & Horizontal
Material	Aluminium

Model No.	Max. Optic Size. (mm)	Thread Type
KLM - 25	For 1"/25mm optics and 1"/25 mm lens tubes	HM1
KLM - 50	For 2"/50mm optics and 2"/50 mm lens tubes	HM2
KMMOH	For Microscopic Objectives	RMS thread
KLM - C	For Camera Lens or Microscopic Objective	C Mount thread

Mount with tilt and Translation		
KLM - T - 25	For 1"/25 mm optics and 1"/25 mm lens tubes	HM1
KLM - T - 50	For 2"/50mm optics and 2"/50 mm lens tubes	HM2
KMMOH - T	For Microscopic Objectives	RMS thread
KLM - T - C	For Camera Lens or Microscopic Objective	C Mount thread



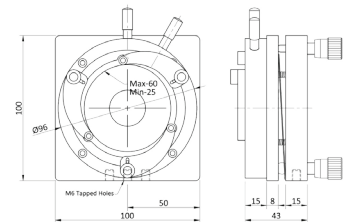
Kinematic Circular Optic Mount with adjustable jaw

Circular optics can be easily inserted and removed in this type of mounts. Self centering jaw provided in this model can secure optics up to 13 mm thickness in varying diameters of 6 to 60 mm.

Specifications

Maximum Optics Size	Diameter 60 mm x 13 mm
Lead screw Pitch	100 TPI
Angular Tip / Tilt	+/- 3°
Linear Resolution	0.25 mm
Sensitivity	4 arc sec
Mounting Hole	M6 Tapped / M4 CBR
Mounting Orientation	Vertical & Horizontal
Optics Size	Minumum 6 mm Maximum 60 mm
Optics Thickness	13 mm Maximum
Drive	100 Micrometer / 100 TPI leadscrew

Model No.	Max. Optic Size. (mm)	Thread Type
KMC-SC60 CS	6 mm to 60 mm	100 TPI Leadscrew
KMC-SC60 Mu5	6 mm to 60 mm	100 TPI Micrometer



Lead Screw / Micrometer Drive
Compatible with optics from 6 to
60mm diameters



Top Adjustable Plane Mirror Mounts TAPM Series

Top adjustable TAPM Series Mirror mounts are plane surfaced with center mounting tapped hole for circular adapter. These are also provided with mounting holes at corners for accommodating prism with suitable clamp. M6 tapped holes are provided on two adjacent sides for mounting in vertical direction. One M6 mounting hole is provided at the back plate for horizontal mounting in prism mounting applications.

Specifications

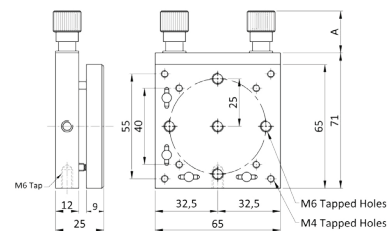
Angular Tip / Tilt	$\pm 3^\circ$
Translation Range	6 mm (Selected Models Only)
Linear Resolution	0.25 mm (100 Tpi)
Sensitivity	4 arc sec.
Mounting Hole	M6
Mounting Orientation	Vertical & Horizontal
Material	Aluminium

Model No	Platform Size	Mounting Hole
TAPM-CS-65	65 x 65	M6
TAPM-CS-75	75 x 75	M6
TAPM-CS-100	100 x 100	M6
TAPM-Mu-50	65 x 65	M6
TAPM-Mu-75	75 x 75	M6
TAPM-Mu-100	100 x 100	M6



CS Series - Covered Lead Screw Drive
Mu Series - Micrometer Drive

A - 17 ± 3	A - 24.5 ± 3	25 mm or 1"
A - 19 ± 3	A - 24.5 ± 3	38 mm or 1.5"
A - 19 ± 3	A - 24.5 ± 3	50 mm or 2.0"



Black Anodized Finish
Vertical & horizontal mounting orientation

Top Adjustable Mounts TABM Series

Top adjustable mount helps tilting of optics without causing any obstruction to the beam and takes less space compared to rear adjustable mirror mounts. Optics is held in a stepped bore and tightened by nylon tipped set screw.

Specifications

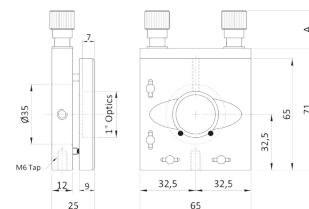
Angular Tip / Tilt	$\pm 3^\circ$
Translation Range	6 mm (Selected Models Only)
Linear Resolution	0.25 mm (100 Tpi)
Sensitivity	4 arc sec.
Mounting Hole	M6
Mounting Orientation	Vertical & Horizontal
Material	Aluminium

Model No	Platform Size	Mounting Hole
TABM-CS-25	25 mm or 1"	M6
TABM-CS-38	38 mm or 1.5"	M6
TABM-CS-50	50 mm or 2.0"	M6
TABM-CS-75	75 mm or 3.0"	M6
TABM-Mu-25	25 mm or 1"	M6
TABM-Mu-38	38 mm or 1.5"	M6
TABM-Mu-50	50 mm or 2.0"	M6
TABM-Mu-75	75 mm or 3.0"	M6



CS Series - Covered Lead Screw Drive
Mu Series - Micrometer Drive

A - 17 ± 3	A - 24.5 ± 3	25 mm or 1"
A - 19 ± 3	A - 24.5 ± 3	38 mm or 1.5"
A - 19 ± 3	A - 24.5 ± 3	50 mm or 2.0"



Black Anodized Finish
Vertical & horizontal mounting orientation

Adapters & Accessories

Corrosion free
Variety of products

Flip base

This mount is used for holding optics of 25 mm and 50 mm diameter at an angle of 0 degree or 90 degree.

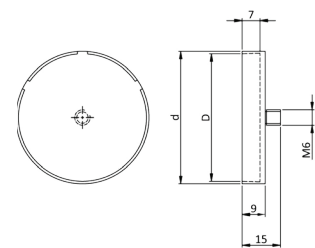
Model No :	Suitable Mirror mounts
FLB - 25	25 mm mounts
FLB - 38	38 mm mounts
FLB - 50	50 mm mounts
FLB - 25 - B	25 - 50 mm mounts



Fixed Angle Rigid Mirror Holder

This mount is used for holding optics of 25 mm and 50 mm diameter at an angle of 30 degree or 45 degree.

Specifications		
Mounting angle	30 degree, 45 degree	
Material	Aluminium	
Post mounting	by M6 threaded holes	
Mirror mounting	by circular step provided on the mount	
Model No:	Optic Size	Angle
30-MM-25	25 mm/1"	30°
45-MM-25	25 mm/1"	45°
30-MM-50	50 mm/2"	30°
45-MM-50	50 mm/2"	45°



Circular Mirror Adapters

CA - MM series circular mirror adapters are suitable for mounting circular optics into MM series kinematic mirror mounts. All CA - MM series circular adapters follow same mounting methods. Small adapters can be easily fixed to bigger mounts.

Model No:	Optic Size	d	D
CA-MM-10	10 mm	12	10
CA-MM-12.5	12.5 mm or 0.5"	14.5	12.5
CA-MM-25	25 mm or 1"	27	25
CA-MM-50	50 mm or 2"	52	50

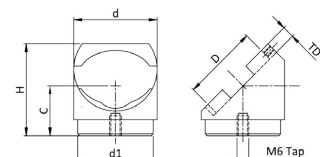
45° Mirror Holder

45 - MM series 45° mirror mount holders are suitable for mounting circular optics to MM series and TMM series kinematic mirror mounts. All 45 - MM series circular holders follow same mounting methods. Small circular adapters can be fixed easily to bigger mounts.



Model No:	Optic Size	d	d1	H	C	TD
45-MM-10	10 mm or 0.4"	30	25	32	16	6
45-MM-12.5	12.5 mm or 0.5"	30	25	32	16	6
45-MM-25	25 mm or 1"	30	25	37	22	6
45-MM-38	38 mm / 1.5"	42	38	46	25	8
45-MM-50	50 mm or 2"	55	50	60	30	10

Compatible with BM Series, KMC Series, BMX Series, TAPM Series Mounts

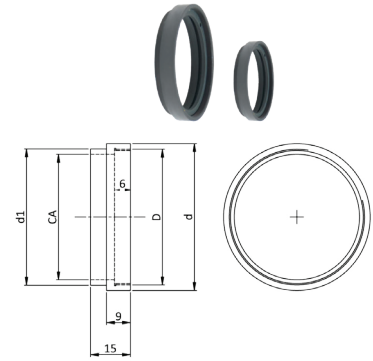


Thin Optics Adapter

Optics in the range of 1 mm to 3 mm can be held in these thin optic adapters. These are suitable for mounting thin beam splitters, mirrors or filters on a threaded cell.

Model No:	Optic Size (D)	d	CA	d1
ADN-25	25 mm or 1"	30	23	25.4
ADN-38	38 mm or 1.5"	44	35	38.1
ADN-50	50 mm or 2"	55	47	50.8

Compatible with BM Series, KMC Series, BMX Series, TABM Series Mounts

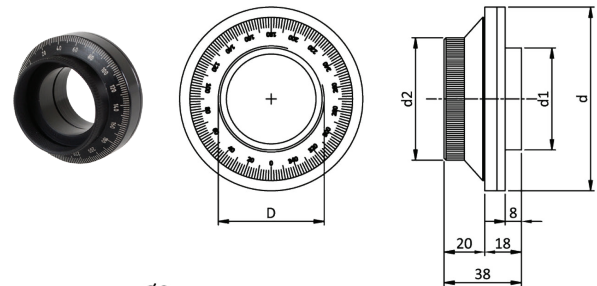


Rotation Adapters

Rotation adapters have angular readout. It is used to fix kinematic mounts directly using nylon tipped set screw

Model No:	D	d	d1	d2
RA-25	25 mm or 1"	38	25	28
RA-50	50 mm or 2"	65	50	55

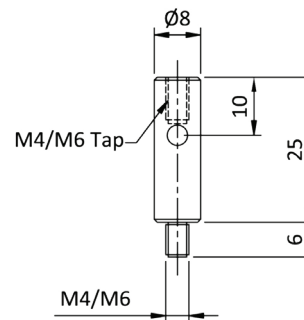
Compatible with BM Series, KMC Series, BMX Series, TABM Series Mounts



Post Adapter

- Stainless steel construction
- Lever hole for tightening
- 8 mm diameter
- 25 mm long
- Can be directly mounted to standard post

Model No :	Type Male - Female
PA - M4M4	M4 - M4
PA - M4M6	M4 - M6
PA - M6M4	M6 - M4
PA - M6M6	M6 - M6

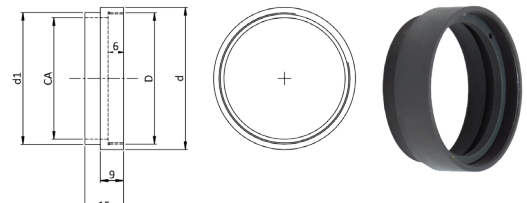


Lens Adapters

Suitable for lens having edge thickness up to 10 mm.

Model No	D	d	CA	d1
ALDN-25	25mm or 1"	30	23	25
ALDN-38	38mm or 1.5"	42	35	38
ALDN-50	50mm or 2"	55	47	50

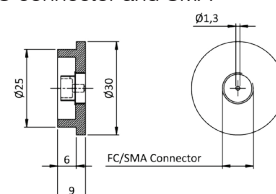
Compatible with BM Series, KMC Series, BMX Series, TABM Series Mounts



Fiber Holder

Kinematic mount of 25 mm optical diameter is suitable for mounting this adapter. Bare fiber can be fixed with FH - 25 - FCH adapter by a fiber chuck and holder provided with the adapter. In FH - 25 - FC and FH - 25 - SMA adapters, FC connector and SMA connectors are provided.

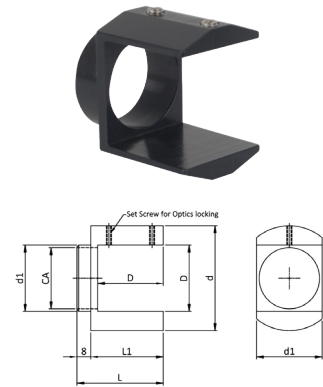
Model No :	Type Male - Female
FH-25-FCH	For bare fiber
FH-25-FC	FC Connectorized fiber
FH-25-SMA	SMA Connectorized fiber



Cube Beam Splitter Adapter

Cube prism is mounted using nylon tipped set screw.

Model No	D	d	d1	CA	D	L1	L
CBSA-10	10 mm or 0.4"	30	25	8	10	12	20
CBSA-12.5	12.5 mm or 0.5"	30	25	10	12.5	15	23
CBSA-15	15 mm or 0.6"	30	25	12	15-0.0 + 0.3	15-0.0 + 0.3	26
CBSA-20	20 mm or 0.8"	30	25	17	20	23	31
CBSA-25	25 mm or 1"	30	25	22	25	28	36
CBSA-38	38 mm or 1.5"	60	38	35	38	42	50
CBSA-50	50 mm or 2"	75	50	47	50	54	62

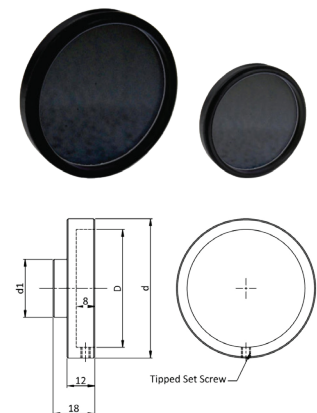


Circular Mirror Adapter

Circular Mirror Adapter has three point contact. Optics are held in position using nylon tipped set screw.

Model No	Optic Size	d	d1
CMA-10	10 mm or 0.4"	25	25
CMA-12.5	12.5 mm or 0.5"	25	25
CMA-25	25 mm or 1"	32	25
CMA-38	38 mm or 1.5"	50	38
CMA-50	50 mm or 2"	60	50

Compatible with BM Series, KMC Series, BMX Series, TABM Series Mounts

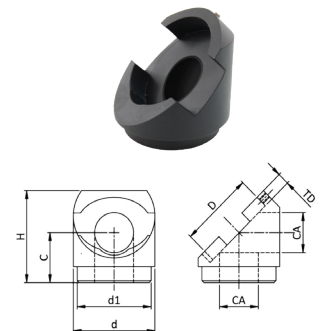


45 Degree Optic Adapters

Model No:	Optic Size	d	d1	H	C	CA	TD
45-BM-10	10 mm or 0.4"	30	25	32	16	6	6
45-BM-12.5	12.5 mm or 0.5"	30	25	32	16	8	6
45-BM-25	25 mm or 1"	30	25	37	22	15	6
45-BM-38	38 mm / 1.5"	42	38	46	25	20	8
45-BM-50	50 mm or 2"	55	50	60	30	30	10

Compatible with BM Series, KMC Series, BMX Series, TABM Series Mounts

Suitable for fixing mirrors or beam splitters at 45° onto the kinematic Mount. Nylon tipped set screw is used for fixing the optics into the adapter.

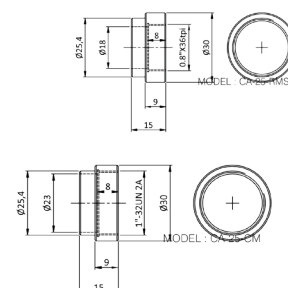


Objective Lens Adapters

Objective lens like Microscope objective with RMS and C mount threads or camera lenses can be fixed to kinematic mounts using an objective lens adapter

Compatible with BM Series, KMC Series, BMX Series, TABM Series Mounts

Model No	Optic Size
CA-25-RMS	RMS Thread
CA-25-CM	C Mount

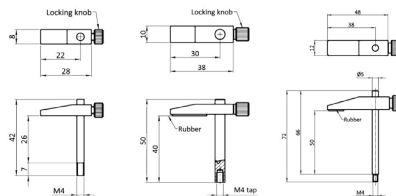


Cube / Beam Splitter / Prism Clamp

Soft nylon pad is provided for avoiding scratches on optics

Suitable for prism or cube

Model No	Optic Size
CBSPC-25	Up - 15 mm
CBSPC-38	Upto - 25 mm or 1"
CBSPC-50	Up to 50 mm or 2"



45 degree Mirror Mount Holder

M6 / M4 Screw mounting option

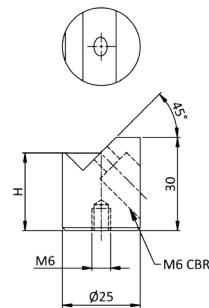
Available in 3 different heights

Used to fix kinematic mounts or rigid mounts at 45 degrees

Aluminium alloy

Black anodized finish

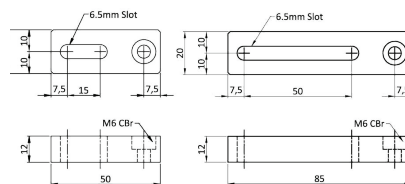
Model No	Optic Size
45-MMH-15	15 mm
45-MMH-30	30 mm
45-MMH-50	50 mm



Slotted post mounting base plate

Slotted adapter is suitable for holding the optic mount on a post system with its surface centered.

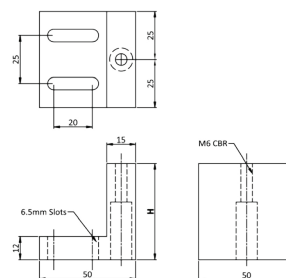
Model No	Optic Size
SB-KM-15	Small
SB-KM-50	Large



Base Plate L Shaped

L shaped base plate can be used to hold mounts at a fixed height from optical table. It's base helps to fix it without tilting.

Model No	Height
LBP-KM-25	25 mm
LBP-KM-50	50 mm
LBP-KM-75	75 mm



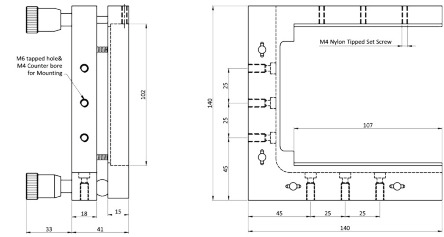
Kinematic Mount For Large Rectangular Optics Model : KMR Series

In this series, rectangular optics of large size can be mounted.
Nylon tipped soft set-screws are used to tighten the optics.

Specifications

Angular Tip / Tilt	+/- 2°
Linear Resolution	0.25 mm (100 Tpi)
Sensitivity	4 arc sec.
Mounting Hole	M6 Tapped / M4 CBR
Mounting Orientation	Vertical & Horizontal
Drive	100 Micrometer / 100 TPI leascrew
Material	Aluminium
Finish	Black anodized

Model No	Optic Size	
KMR-75 CS	100 TPI Lead screw	75 mm x 75 mm
KMR-100 CS	100 TPI Lead screw	100 mm x 100 mm
KMR-125 CS	100 TPI Lead screw	125 mm x 125 mm
KMR-75 Mu5	100 TPI Micrometer	75 mm x 75 mm
KMR-100 Mu5	100 TPI Micrometer	100 mm x 100 mm
KMR-125 Mu5	100 TPI Micrometer	125 mm x 125 mm
Compatible with BM Series, KMC Series, BMX Series, TABM Series Mounts		



- Safe mounting for rectangular optics
- Comes with Lead Screw & Micrometer Drive

Kinematic Mount for Large Circular Optics KMC Series

This mirror mount is suitable for fixing optics of large diameters. Optics of 75 mm, 100 mm and 125 mm diameters can be mounted in these devices.

Specifications

Angular Tip / Tilt	: +/- 2°
Linear Resolution	: 0.25 mm (100 Tpi)
Sensitivity	: 4 arc sec.
Mounting Hole	: M6 Tapped / M4 CBR
Mounting Orientation	: Vertical & Horizontal
Drive	: 100 Micrometer / 100 TPI leascrew
Material	: Aluminium
Finish	: Black anodized

Model No	Drive	Optics Size
KMC-75 CS	100 TPI Lead screw	Dia - 3" x 12 mm
KMC-100 CS	100 TPI Lead screw	Dia - 4" x 18 mm
KMC-125 CS	100 TPI Lead screw	Dia - 5" x 22 mm
KMC-75 Mu5	100 TPI Micrometer	Dia - 3" x 12 mm
KMC-100 Mu5	100 TPI Micrometer	Dia - 4" x 18 mm
KMC-125 Mu5	100 TPI Micrometer	Dia - 5" x 22 mm



Ensure firm mounting of circular optics

Comes with Lead Screw & Micrometer Drive

Kinematic Self Centering Jaw Mount for Circular Optics

These mounts are used to mount optics of varying diameters (5 mm to 104 mm). Optics is held by self centering adjustable jaw.

Key Features

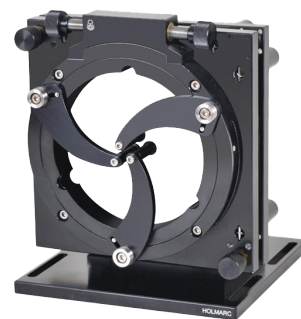
Optics size 5 to 104 mm

Optics thickness : 22 mm

Optics held by self-centering adjustable jaw, screw adjusters are used for fixing optics firmly

Specifications		
Angular Tip / Tilt	:	+/- 3°
Linear Resolution	:	0.25 mm (100 Tpi)
Sensitivity	:	4 arc sec.
Mounting Hole	:	M6 tapped holes for post mounting. Base plate having M6 clear slots are also provided.
Drive	:	100 Tpi lead screw for tilting
Optics diameter (Minimum)	:	12 mm
Optics diameter (Maximum)	:	Depends on the model mentioned below
Optics thickness (Maximum)	:	22 mm
Material	:	Aluminium
Mounting Orientation	:	Vertical & Horizontal (both)
Finish	:	Black anodized

Model No	Drive	Optics Size
KMC-SC-75 CS	100 TPI Lead screw	75 mm x 75 mm
KMC-SC-100 CS	100 TPI Lead screw	100 mm x 100 mm
KMC-SC-125 CS	100 TPI Lead screw	125 mm x 125 mm
KMC-SC-75 Mu5	Micrometer	75 mm x 75 mm
KMC-SC-100 Mu5	Micrometer	100 mm x 100 mm
KMC-SC-125 Mu5	Micrometer	125 mm x 125 mm



Kinematic Concave Mirror or Optical Flat Holders

Five Axis Adjustment

These holders are suitable for optical flat or concave mirror. Optics is held by self centering jaw. Screw adjusters are used for fixing optics firmly.

Specifications		
Angular Tip / Tilt	:	+/- 3°
Travel X	:	50 mm
Travel Y & Z	:	25 mm
Linear Resolution	:	0.25 mm (100 Tpi)
Sensitivity	:	4 arc sec.
Mounting Hole	:	Base plate having
Drive	:	100 Tpi lead screw for tilting and micrometer for XYZ stage
Optics diameter (Minimum)	:	2 mm
Optics diameter (Maximum)	:	102 mm
Material	:	Aluminium
Finish	:	Black anodized

Model No	Minimum & Maximum Optic Diameter	Maximum Optic Holding thickness
5A - OFH	2 mm - 102 mm	22 mm
5A - OFH - 125		



Model : 5A-OFH



Model : 5A-OFH-125

Gimbal Mirror Mounts

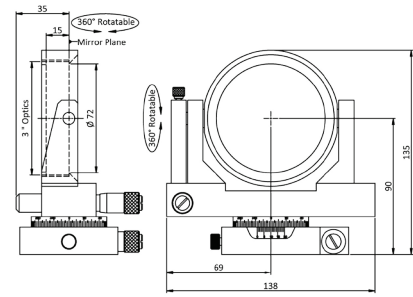
GMM Series

Gimbal mirror mounts provide 360° coarse positioning in two axes about the mirror surface in addition to fine adjustment of 6°. Two types of fine adjustments are possible, one is micrometer drive with 10 micron least count and the other is with lead screw of 0.25 mm linear resolution per rotation. Switching between coarse and fine movement is by using a knob or a set-screw provided on the gimbal mount. Optics upto 12.5 mm thickness can be held in 50 mm gimbal mirror mount and up to 10mm can be held in 25mm gimbal mount. In both models, optics are fixed with the help of threaded ring.

Provides +/- 60 fine adjustment
Fabricated from Black Anodized Aluminum

Coarse Travel θ_x / θ_y	360 Degrees
Fine Travel θ_x / θ_y	+/- 6 degree
Linear Resolution	0.25 mm / Rotation
Linear Resolution	0.01 mm (Least Count for micrometer)
Sensitivity	4 arc sec.
Mounting hole	M6 Slots
Rotation axis laid ON	Mirror plane
Construction material	Aluminium alloy
Finish	Black Anodized

Model No.	Optics Size	Maximum Optic Thickness	Drive	Post Mounting adapter Model
GMM-Mu-25	25 / 1"	10 mm	Micrometer	AD-GMM-25
GMM-Mu-50	50 / 2"	12.5 mm	Micrometer	AD-GMM-50
GMM-Mu-75	75 / 3"	12.5 mm	Micrometer	AD-GMM-75
GMM-Mu-100	100 / 4"	12.5 mm	Micrometer	AD-GMM-100



Model : GMM-Mu-25



Model : GMM-Mu-50



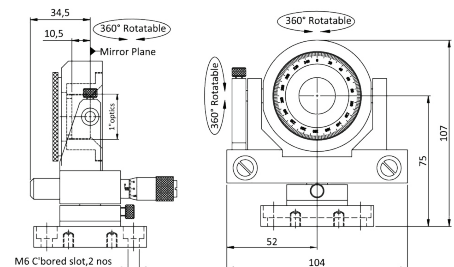
Model : GMM-Mu-100

Gimbal Mirror Mounts with Rotation

Gimbal mirror mount with rotation provide 360 degree coarse positioning in two axes about the mirror surface in addition to fine adjustment of 6 degrees for theta x and theta y and 360° manual rotation with 1° resolution for theta z. Two types of fine adjustments are provided. One is micrometer drive with 10 micron least count and the other is with lead screw of 0.25 mm linear resolution per rotation. Switching between coarse and fine movement is by using a knob or a set-screw provided on the Gimbal mount. Optics up to 12.5 mm thickness can be held in 50 mm Gimbal mirror mount and up to 10 mm can be held in 25 mm gimbal mount. In both models, optics are fixed with the help of threaded ring.

Coarse Travel θ_x / θ_y	360°
Fine Travel θ_x / θ_y	+/- 6°
Travel Range θ_z	360°
Linear Resolution	0.01 mm (Least Count for micrometer)
Resolution θ_z	1°
Sensitivity θ_x / θ_y	4 arc sec.
Mounting hole	M6 Slots
Construction material	Aluminium alloy
Finish	Black Anodized

Model No.	Optics Size	Maximum Optic Thickness	Drive	Post Mounting adapter Model
GMM - Mu - 25-P	25 / 1"	10 mm	Micrometer	AD - GMM - 25
GMM - Mu - 50-P	50 / 2"	12.5 mm	Micrometer	AD - GMM - 50



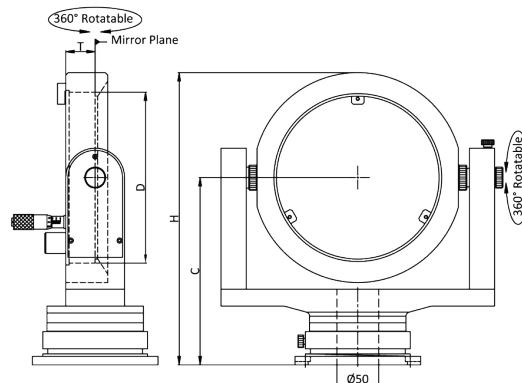
Provides 360° rotation
Lead screw of 0.25mm linear resolution



Gimbal Mirror Mounts for Large Optics

Large Gimbal Mounts are suitable for fixing large optics, with maximum diameter of 200 mm. Fine adjustment is done by a micrometer with least count of 10 microns. Switching between coarse and fine movement is by using a knob or a set-screw provided on the Gimbal mount. 200 mm / 8" Gimbal mirror mount, can hold mirrors upto 35 mm thick

Coarse Travel θ_x / θ_y	360°
Fine Travel θ_x / θ_y	+/- 6°
Travel Range θ_z	360°
Linear Resolution	0.01 mm (Least Count for micrometer)
Sensitivity θ_x / θ_y	4 arc sec.
Mounting hole	M6 Slots
Construction material	Aluminium alloy
Finish	Black Anodized



Model No.	Optic size (mm)	Mirror Thickness	D (mm)	C (mm)	X (mm)	H (mm)
GMM-125	125	25	125	150	230	225
GMM-5	127 / 5"	25	125	150	230	225
GMM-150	150	25	150	175	255	263
GMM-6	152.4 / 6"	25	150	175	255	263
GMM-200	200	25	200	223	336	348
GMM-8	203.2 / 8"	25	200	223	336	348



Gimbal Mirror Mounts for Extra Large Optics

Extra Large Gimbal Mounts are suitable for fixing large optics, with maximum diameter of 400 mm. Fine adjustment is done by a micrometer with least count of 10 microns. Switching between coarse and fine movement is by using a knob or a set-screw provided on the Gimbal mount. 400 mm / 16" Gimbal mirror mount, can hold mirrors upto 35 mm thick.

Coarse Travel θ_x / θ_y	360°
Fine Travel θ_x / θ_y	+/- 3°
Travel Range θ_z	360°
Linear Resolution	0.01 mm (Least Count for micrometer)
Sensitivity θ_x / θ_y	4 arc sec.
Mounting hole	M6 Slots
Construction material	Aluminium alloy
Finish	Black Anodized

Model No.	Optic size (mm)	Optics bore size	Mirror Thickness	H (mm)
GMM-250	250	250.5	25	250
GMM-10	10"	254.5	25	250
GMM-300	300	300.8	25	275
GMM-12	12"	305.3	25	275
GMM-360	360	360.8	29	305
GMM-14	14"	356.1	29	305
GMM-400	400	401	25	375
GMM-16	16"	407	25	375



Cube / Prism mounts

Kinematic Platform Mount KPM Series

KPM series Kinematic platforms are available for optics up to 90 mm size. M6 and M4 tapped holes are provided on a 12.5 mm grid for mounting various optical or opto-mechanical components over the platform. M6 tapped holes are provided at the back plate of kinematic platform for post mounting applications (2 vertical positions and 1 horizontal position are possible). Suitable prism clamps are provided along with kinematic platform.

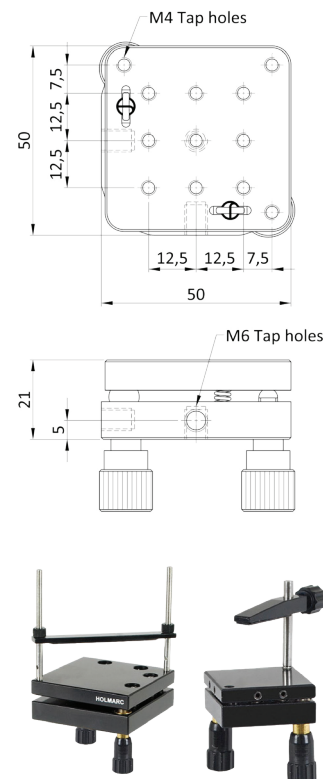
Angular tip / tilt	+/- 3°
Translation range	6 mm (selected models only)
Linear resolution	0.25 mm
Sensitivity	4 arc sec.
Mounting hole	M6 / M4
Mounting orientation	Vertical & horizontal
Material	Aluminium
Finish	Black anodized

Model No Type Cube Size

KPM-38	Kinematic platform mount with Plain Surface	12.7
KPM-50	Kinematic platform mount with Plain Surface	25
KPM-75	Kinematic platform mount with Plain Surface	38
KPM-90	Kinematic platform mount with Plain Surface	50
KPMS-38	Kinematic platform mount with Single Post	12.7
KPMS-50	Kinematic platform mount with Single Post	25
KPMS-75	Kinematic platform mount with Single Post	38
KPMS-90	Kinematic platform mount with Single Post	50
KPMD-38	Kinematic platform mount with Dual Post	12.7
KPMD-50	Kinematic platform mount with Dual Post	25
KPMD-75	Kinematic platform mount with Dual Post	38
KPMD-90	Kinematic platform mount with Dual Post	50

Kinematic Platform Mount with Translation

KPM-T-38	Kinematic platform mount with Plain Surface	12.7
KPM-T-50	Kinematic platform mount with Plain Surface	25
KPM-T-75	Kinematic platform mount with Plain Surface	38
KPM-T-90	Kinematic platform mount with Plain Surface	50
KPMS-T-38	Kinematic platform mount with Single Post	12.7
KPMS-T-50	Kinematic platform mount with Single Post	25
KPMS-T-75	Kinematic platform mount with Single Post	38
KPMS-T-90	Kinematic platform mount with Single Post	50
KPMD-T-38	Kinematic platform mount with Dual Post	12.7
KPMD-T-50	Kinematic platform mount with Dual Post	25
KPMD-T-75	Kinematic platform mount with Dual Post	38
KPMD-T-90	Kinematic platform mount with Dual Post	50

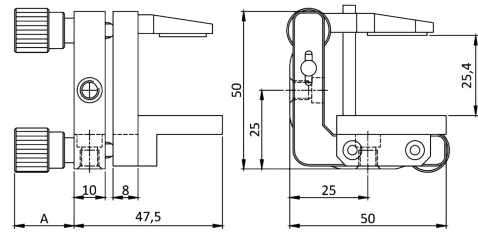


Available for up to 90mm size

M6 and M4 tapped holes provided

Kinematic Prism Mount KTM Series

KTM series kinematic prism mounts enable horizontal & vertical mounting. Left / Right orientations can be easily arranged using detachable platform. Suitable prism clamps are provided along with kinematic prism mounts. Tilt adjustment screws have 0.25 mm / rev. pitch threads. Construction material is aluminium with black anodized finish. M6 / M4 mounting options are provided for fixing it with standard 12 mm or 16 mm posts.



Angular tip / tilt	+/- 3°
Translation range	6 mm (selected models only)
Linear resolution	0.25 mm
Sensitivity	4 arc sec.
Mounting hole	M6 / M4
Mounting orientation	Vertical & horizontal
Material	Aluminium
Finish	Black anodized



Detachable platform

Left right orientations possible

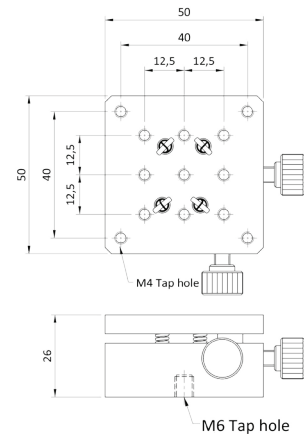
Model No	Optic Size	Mounting Hole
KTM-25	Upto 1" / 25	M6 / M4
KTM-50	Upto 2" / 50	M6 / M4

Kinematic mirror mount with rectangular optics with translation		
KTM-T-25	Upto 1" / 25	M6 / M4
KTM-T-50	Upto 2" / 50	M6 / M4

Dual Axis Tilt Platform Mount TRS Series

TRS series dual axis tilt platform mounts are available for optics up to 50 mm. M6 and M4 tapped holes are provided on a 12.5 mm grid for mounting various optical or opto-mechanical components over the platform. There are 3 sets of M6 tapped holes at the back plate of platform for post mounting applications. Suitable prism clamps are provided along with kinematic platform.

Angular tip / tilt	+/- 3°
Translation range	6 mm (selected models only)
Linear resolution	0.25 mm
Sensitivity	4 arc sec.
Mounting hole	M6 / M4
Mounting orientation	Vertical & horizontal
Material	Aluminium
Finish	Black anodized



Model No:	Type	Optic Size	Mounting Hole
TRS-25	Dual axis tilt platform mount with Plain Surface	Upto 38	M6
TRS-50	Dual axis tilt platform mount with Plain Surface	Upto 50	M6
TRSS-25	Dual axis tilt platform mount with Single Post	Upto 38	M6
TRSS-50	Dual axis tilt platform mount with Single Post	Upto 50	M6
TRSD-25	Dual axis tilt platform mount with Dual Post	Upto 38	M6
TRSD-50	Dual axis tilt platform mount with Dual Post	Upto 50	M6



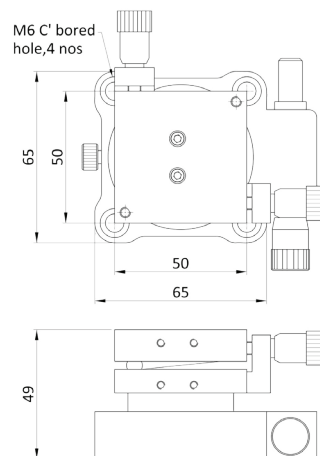
Available for up to 50mm optic size
Vertical and horizontal mounting orientations

Tilt and Rotation Stage PMRP Serie

PMNP-R series prism/cube mounts have three degrees of freedom, two tilt and one rotation. M6 C'bored holes are provided at the base for mounting to breadboard with suitable base plates. Prism or cube can be placed on the top of the plane surface of this mount.

Angular tip / tilt	+/- 3°
Linear resolution	0.25 mm
Sensitivity	4 arc sec.
Mounting hole	M6 / M4
Mounting orientation	Vertical & horizontal
Material	Aluminium
Finish	Black anodized
Drive not included	

Model No:	Type	Optic Size	Thickness (T)
PMRP-CS-25	Plain Surface	Upto 1"	21 mm
PMRP-CS-38	Plain Surface	Upto 1.5"	24 mm
PMRP-CS-50	Plain Surface	Upto 2"	24 mm
PMRS-CS-25	Single Post Clamp	Upto 1"	21 mm
PMRS-CS-38	Single Post Clamp	Upto 1.5"	24 mm
PMRS-CS-50	Single Post Clamp	Upto 2"	24 mm
PMRD-CS-25	Dual Post Clamp	Upto 1"	21 mm
PMRD-CS-38	Dual Post Clamp	Upto 1.5"	24 mm
PMRD-CS-50	Dual Post Clamp	Upto 2"	24 mm



Beam Steering Device

BSD Serie-Precision Laser Beam Steering with Adjustable Height and Direction

Holmarc is pleased to introduce the BS-25 and BSD-25-L Beam Steering Devices, designed for precise laser beam steering with variable height and direction. These versatile devices are ideal for a wide range of optical applications, ensuring accuracy and reliability.

Model	BSD-25	BSD-25-L
Minimum Height	100 mm (using M25MH mirror holders)	25 mm (using M25MH-L mirror holder)
Minimum Gap	30 mm	100 mm
Mirror Holders	2 (bottom and top)	
Mirror Size	1 inch (25mm) diameter	
Adjustability	Height adjustable, tiltable, rotatable	
Post Type	Heavy duty	
Base Plate Options	Pedestal fork or Slotted base plate	
Component Availability	Mirror holders, heavy-duty post, base plate, pedestal fork and pedestal adapters can be bought separately	

Benefits

Precision Control

Achieve accurate beam direction and height adjustments for precise experiments.

Robust Design

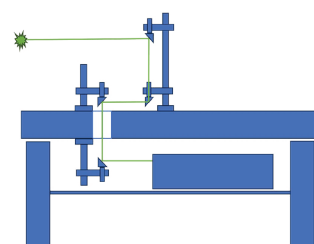
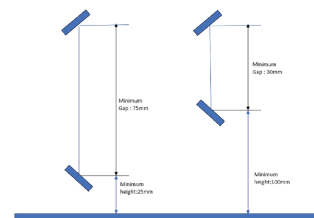
Heavy duty construction ensures long-term stability and reliability.

Customizable Setup

Flexible base plate options and specialized mounts cater to specific experimental needs.

Versatility

Suitable for both high and low-height optical setups



Beam steering device with slotted base

Model	Min & Max beam height from base
BSD-25-25-B	100 - 75
BSD-25-30-B	100 - 125
BSD-25-50-B	100 - 325
BSD-25-60-B	100 - 425
BSD-25-L-25-B	25 - 155
BSD-25-L-30-B	25 - 200
BSD-25-L-50-B	25 - 400
BSD-25-L-60-B	25 - 500

Beam steering device with pedestal fork

Model	Min & Max beam height from base
BSD-25-20-P	100 - 75
BSD-25-30-P	100 - 125
BSD-25-50-P	100 - 325
BSD-25-60-P	100 - 425
BSD-25-L-20-P	25 - 155
BSD-25-L-30-P	25 - 200
BSD-25-L-50-P	25 - 400
BSD-25-L-60-P	25 - 500

Beam steering parts can also be purchased separately

Posts

Model	Item details
HDP - 150	Heavy duty post 150 mm long
HDP - 200	Heavy duty post 200 mm long
HDP - 250	Heavy duty post 250 mm long
HDP - 300	Heavy duty post 300 mm long
HDP - 500	Heavy duty post 500 mm long
HDP - 600	Heavy duty post 600 mm long

Base plates

Model	Item details
AHDP - 38	Pedestal Adapter
PF - 38	Pedestal fork
MB - 50	Magnetic base
HD - SQ	Square base
HD - R	Round base

Mirror Mounts

Model	Item details
M25MH	1 inch mirror holder min. height - 100 mm
M25MH-L	1 inch mirror holder min. height - 25 mm

Dual Adjustable Mirror Holders

- Equipped with two mirror holders, one at the bottom and one at the top.
- Both holders are height adjustable, tiltable and rotatable, allowing for precise control of the laser beam's direction and height.

Heavy-Duty Construction

- The mirror holders are mounted on a robust heavy-duty post, providing maximum stability and durability.
- Ideal for rigorous experimental and industrial environments.

Variable Height Adjustment

BSD-25 :

Minimum height : 100 mm

Minimum gap between input laser and output laser : 30 mm

BSD-25-L :

Minimum height : 25 mm

(using M25MH-L mirror holder)

Minimum height : 75 mm

Customizable Base Plate

Choose between a pedestal or fork base plate based on specific mounting requirements.

Compatible with breadboard mounting for enhanced flexibility.

Component Flexibility

Each component, including mirror holders, heavy-duty post, base plate, pedestal fork and pedestal adapters, can be purchased separately.

Allows customers to assemble a beam steering setup tailored to their specific requirements.

Compatible Mirror Sizes

Supports mirrors of 1 inch (25 mm) diameter.

Find your suitable Mirrors

Customizable Options

For customized needs, we offer larger mirror options and prism mounting solutions. Contact us for more information on bespoke configurations.

Applications

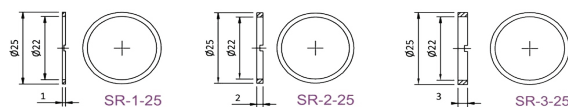
Optical experiments
Precision laser alignment
Industrial laser beam steering
Research and development laboratories

Lens Tube Assembly System

Spacer Rings

Spacer rings are used to maintain gap between two optics. These spacers can be stacked for maintaining gap between optics from 1 mm.

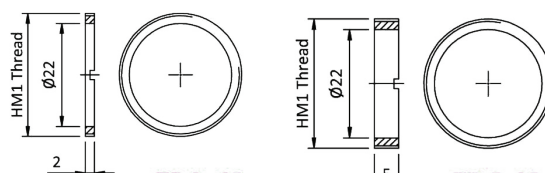
Model No:	Item	Minimum Order Qty
SR-1-25	Spacer Ring for	25 Nos.
SR-2-25	25 mm / 1" Optics	25 Nos.
SR-3-25		25 Nos.
SR-5-25		10 Nos.
SR-10-25		5 Nos.
SR-20-25		5 Nos.



Threaded Rings

Threaded rings of thickness ranging from 2 mm to 20mm can be selected for convenient applications. Spanner slots are provided for easy fastening of optics.

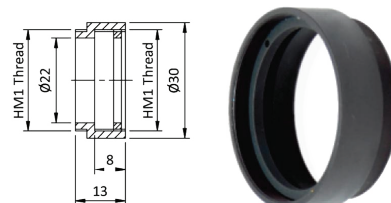
Model No:	Item	Minimum Order Qty
TR-2-25	Spacer Ring for	25 Nos.
TR-3-25	25 mm / 1" Optics	25 Nos.
TR-5-25		25 Nos.
TR-10-25		10 Nos.
TR-20-25		5 Nos.



Lens Cells

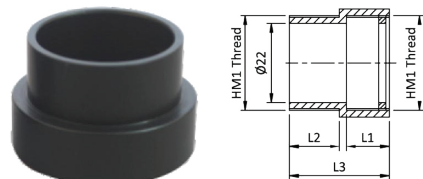
Thin Lens Cell

Model No:	
TLC-25-8	



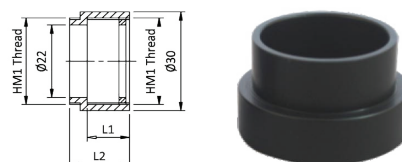
Focusing Lens Cell - Short

Model No:	Length L1, L2, L3
FLCS-25-12	12, 25, 39
FLCS-25-15	15, 25, 42



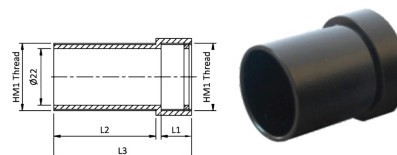
Short Lens Cell

Model No:	Length L1, L2, L3
SLC-25-12	12, 17
SLC-25-15	15, 20



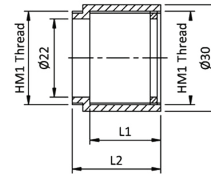
Focusing Lens Cell - Thread

Model No:	Length L1, L2, L3
FLCS-25-12-TL	12, 40, 54
FLCS-25-15-TL	15, 40, 57



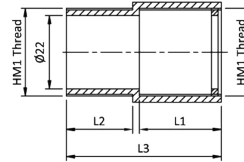
Long Lens Cell

Model No:	Length L1, L2,
LLC-25-20	20, 25
LLC-25-25	25, 30
LLC-25-35	35, 40



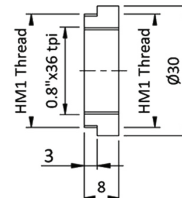
Focusing Lens Cell - Medium

Model No:	Length L1, L2,
FLCL-25-20	12, 20, 34
FLCL-25-25	25, 20, 47
FLCL-25-35	35, 20, 57



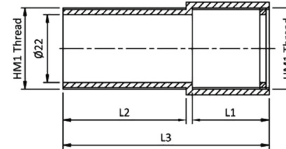
RMS - Objective Adapter

Model No:	
RMS - OAD - 25	



Focusing Lens Cell - Long

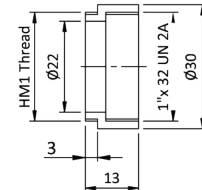
Model No:	Length L1, L2, L3
FLCL-25-20-TL	12, 40, 54
FLCL-25-25-TL	25, 40, 67
FLCL-25-35-TL	35, 40, 77



C Mount Objective Adapter

Model No:

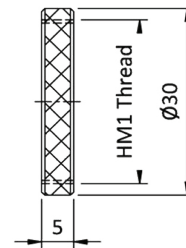
C - OAD - 25



External Locking Ring

Model No:

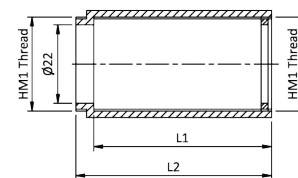
ELR - 25



Lens Tubes

Model No:	Length L1, L2
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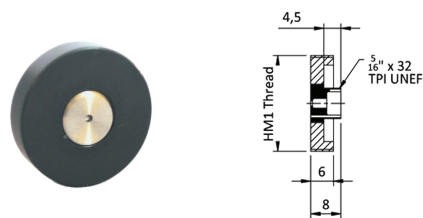
LCT-25-25	25-30
LCT-25-30	30-35
LCT-25-35	35-40
LCT-25-50	50-55
LCT-25-75	75-80
LCT-25-100	100-105
LCT-25-125	125-130



Fiber Adapter

Model No:

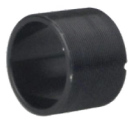
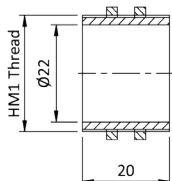
FAD-25 FC	FC Fiber Adapter
FAD-25-MA	SMA Fiber Adapter



Fiber Adapter

Model No:

INC - 25



Lens Tubes

Model No:

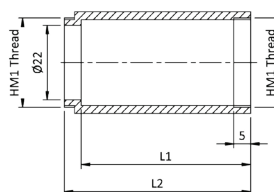
EXC - 25



Extension Tube

Model No:

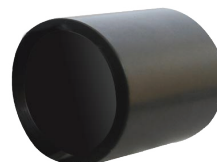
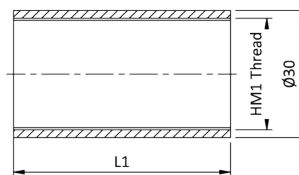
ELCT-25-5	5, 10
ELCT-25-10	10, 15
ELCT-25-15	15, 20
ELCT-25-25	25, 30
ELCT-25-50	50, 55
ELCT-25-100	100, 105
ELCT-25-150	150, 155
ELCT-25-175	175, 180
ELCT-25-200	200, 205
ELCT-25-250	250, 250



Full Thread Lens Tube

Model No: Length L1

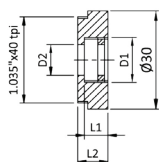
FLCT-25-10	10
FLCT-25-15	15
FLCT-25-25	25
FLCT-25-35	35
FLCT-25-50	50



Small Optic Cell End Type

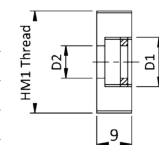
Model No: Length L1

SOC-25-6	6 mm
SOC-25-9	9 mm
SOC-25-12.7	12.7 mm
SOC-25-18	18 mm



Small Optic Internal

SOA-25-6	6 mm
SOA-25-9	9 mm
SOA-25-12.7	12.7 mm
SOA-25-18	18 mm



Lens Tube Holder

Model No: Holding Method
LTH-25 30 mm dia bore
LTH-25T HM1 thread



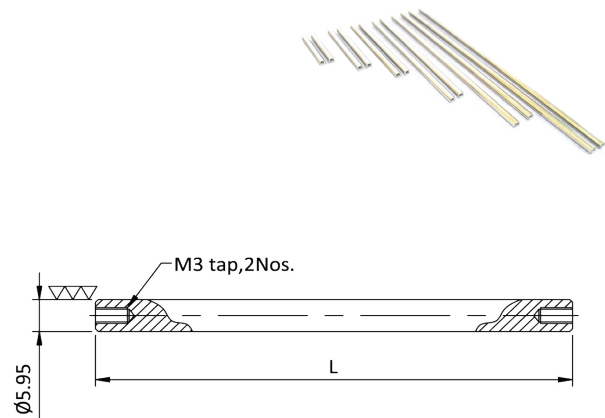
Note : Post, post holder and bases are sold separately

Rod Assembly

Assembly Rods

6 mm diameter rods
Precision ground finish
M3 tapped holes at both ends

Model No:	Length (mm)
CGRD-CG-50	50
CGRD-CG-75	75
CGRD-CG-100	100
CGRD-CG-150	150
CGRD-CG-200	200
CGRD-CG-250	250



Optic Plates

Through Threaded Optic Plate

Model No:

M-TOP-25

M-ST-OP-25

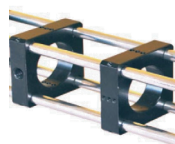
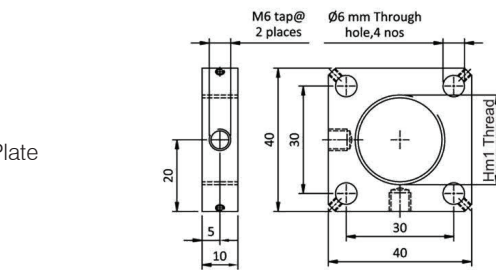
M-OP-25

M-OP-30

M-PS-OP-30

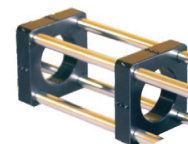
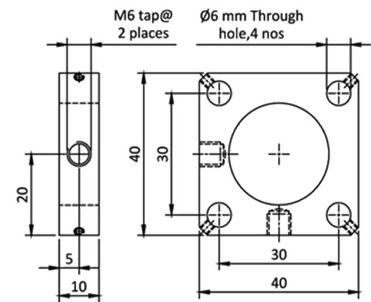
M-CUB-OP-30

M-CUB-OP-25

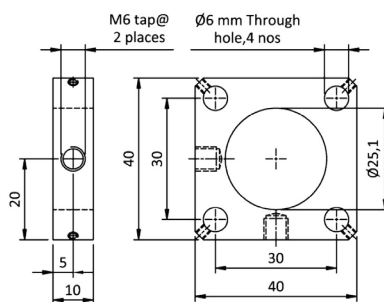
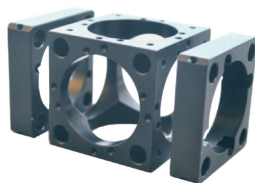


Model : M-TOP-25

1" / 25 mm Stepped Bore
Optic Plate - Threaded Type

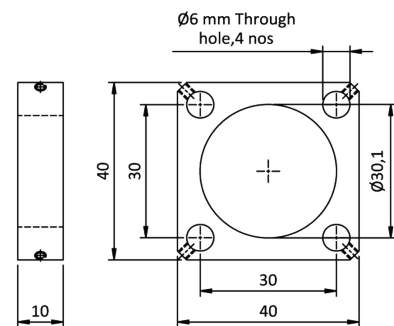


Model : M-ST-OP-25



Model : M-OP-25

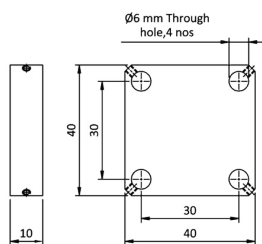
25 mm Unthreaded Optic Plate



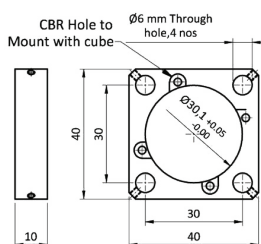
Model : M-OP-30

30 mm Unthreaded Optic Plate

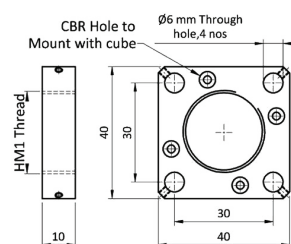
End Plate



Plane surface type



30 mm Bore



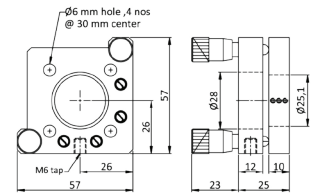
HM1 Thread



Kinematic Optic Plate

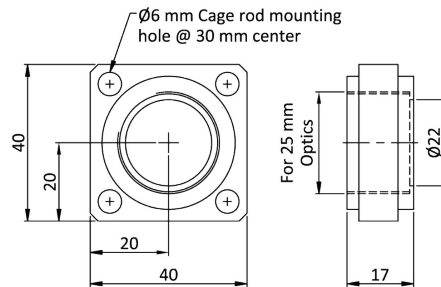
Translators are used for moving optics in Kinematic, XY and Z Directions, All translators are having 25 mm bore and are suitable for mounting optics, accessories and adapters having 25 mm size.

Model No:	Optic Size	Type
M-KM-25	Ø 25 mm	Through bore thread
M-TKM-25	Ø 25 mm 1"	HM1



Course Rotator

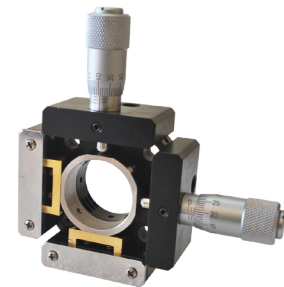
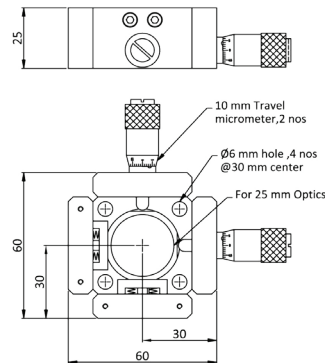
Model No:
M - PMR 25



Translators

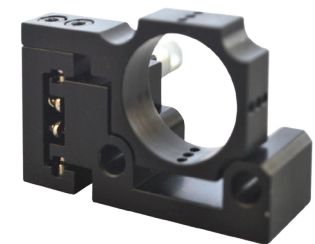
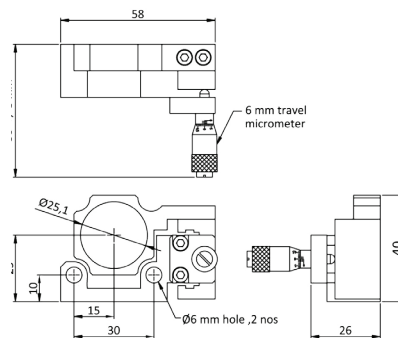
XY Translator

Model : M - TR - XY25
Compatible with rod assembly
2 mm travel X&Y Axis
Micrometer drive
25 mm diameter optics holder
Optics held by grub screws



Z Translator

Model : M - TR - Z25
Compatible with rod assembly
6 mm travel
Micrometer drive
25 mm diameter optics holder
Optics held by grub screws



Model No:	Model No:
XY Translator	M - TR - XY25
Z Translator	M - TR - Z25

Cube Accessories

Cube Prism Holder

25mm cube prism can be placed inside the cube using this prism holder. Nylon tipped set screws are used to fix the prism to the cube prism holder. The holder can be rotated manually and locked with an accuracy of 2°.

Model No:	Cube size
CUB-CB-25-25	25 mm cube
CUB-CB-25-15	15 mm cube

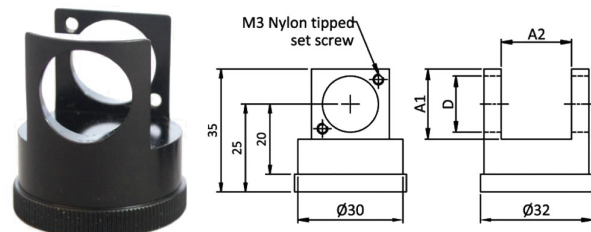


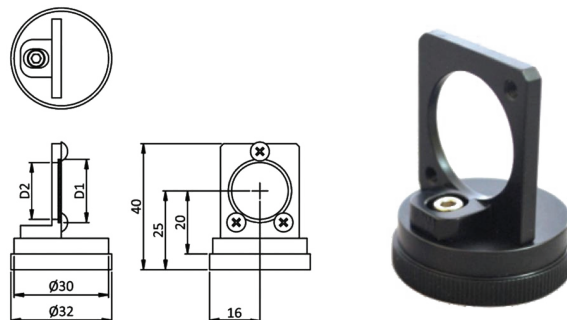
Plate Beam Splitter Holder

25mm Plate beam splitters can be placed inside the cube using Plate beam splitter holder. Holder can be rotated manually with a positioning accuracy of 2° and can be locked by a set screw and allen key.

Model No:

CUB-PB-25-25 Dia-25 mm x 2 mm

CUB-PB-25-15 Dia-15 mm x 2mm



Adapters



Fiber Connectors



Fiber Chuck



Iris Diaphragm



Iris Diaphragm



Pin Hole Cell



Lens Cell

Item	Model	Suitable Cage Plate / Type of cage plate
Lens Cell	M-OP-LC25	M-TOP-25
Filter Cell	M-OP-FL25	M-TOP-25
M.O Adapter	M-OP-MO	M-TOP-25
FC Fiber Connector	M-OP-FC01	M-TOP-25
Fiber Chuck	M-OP-FC02	M-TOP-25
Pinhole Cell	M-OP-P H01	M-TOP-25
Iris Diaphragms	M-OP-ID18	M-TOP-25

Lens cell and lens Tubes

Item	L1, L2	Suitable Cage Plate / Type of cage plate
LNST-CG-12.5	16.5	M-TOP-25
LNST-CG-25	28	M-TOP-25
LNST-CG-30	34	M-TOP-25
LNST-CG-38	41	M-TOP-25

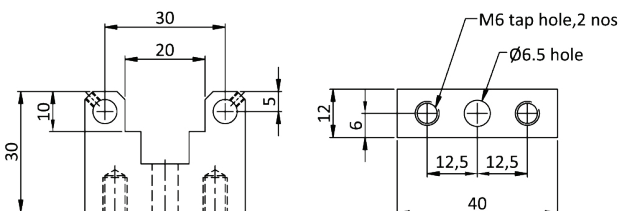


Base Mounting Platform

Base mounting plate has M6 tapped holes at bottom for mounting on post or base.

Item

M-OP-BMP-M6



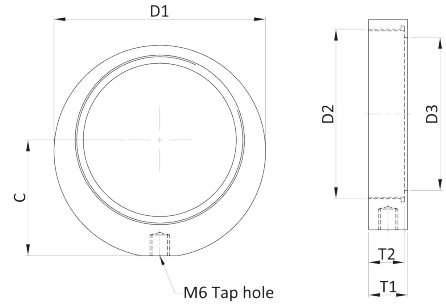
Lens Mounts

Rigid Lens Mounts RLM Series

RLM series rigid lens mounts are post mountable. Optics are held by threaded ring inside a threaded bore of the device. Rigid lens mounts are manufactured in aluminium alloy and given black anodized finish. Rigid lens mounts can be customized as per customer's optics size or requirement.

Construction material	Aluminium alloy
Finish	Black Anodized

Model No	Optics Size	D1	D2	D3	T1	T2 (without ring)	C	Thread
RLM-10	10 mm or 3/8"	22	10.2	8.5	10	9	10	HM10
RLM-12.5	12.5 mm or 0.5"	24	13	11	10	9	14.5	HM12.5
RLM-18	19 mm or 0.75"	31	19.3	16	10	9	15.5	HM18
RLM-20	20 mm	32	20.3	18	10	9	18	HM20
RLM-25	25 mm or 1"	35	25.7	23	12	11	18.5	HM1
RLM-30	30 mm or 1.2"	42	30.6	23.5	12.5	11.5	21.5	HM30
RLM-32	32 mm	44	32.3	25	12.5	11.5	24	HM1-32
RLM-38	38 mm or 1.5"	50	38.3	27	12.5	11.5	25	HM1.5
RLM-50	50 mm or 2"	65	51.2	47	12	11	35.5	HM2
RLM-75	75 mm or 3"	90	76.5	75	16	14	49.5	HM3
RLM-100	100 mm or 4"	120	101.8	94	23	20	66	HM4



Optics size ranges from 0.375" to 4"
Suitable for lens tubes,
objective lens, condenser lens
etc.

Rigid Camera Lens Mounts

These rigid mounts can be used to hold lens assemblies in an optical set up using standard post system.

Mounting Method for assembly lens	Split Clamp
Mounting Method for C-Mount lens	C Mount Thread
Material	Aluminium
Post Mounting	by M6 Threaded Holes

Model No	Type
MOH - R	RMS Mount
MOH - C	C Mount
SP - CA - 25	Special mount for camera lens



Self Centering Lens Mounts

Self-centering lens mounts are suitable for experiments where frequent replacement of lens is required. The lens is held using three spring loaded calipers. The calipers are released by two levers projecting from the mount. The lens is held in position by spring tension and can be locked in position by a knob.

- Self aligning jaws
- M6 mounting hole
- Post mountable
- Aluminium alloy
- Black anodized finish
- Upto 3" optics can be mounted



Model No	Lens Size Min - Max (mm)	D1 (mm)	D2 (mm)	T (mm)
SCLM - 50	6 - 50	90	(max - 50) (min - 6)	16
SCLM - 75	6 - 75	125	(max - 75) (min - 6)	16
SCLM - 100	6 - 100	125	(max - 100) (min - 6)	16

Self centering Mount with Adjustable knob

This self centering mount can be used to hold comparatively large optic (upto 104 mm dia) using self centering jaws. These jaws are held in position by adjustable lead screws for firm clamping.

Model No	Optice size
SCLM-AK- 50	6 - 50
SCLM-AK- 75	6 - 75
SCLM-AK- 100	6 - 100

Minimum optics diameter	20 mm
Maximum optics diameter	104 mm
Maximum thickness	22 mm
Locking	by two screw adjusters
Sensitivity	4 arc sec.
Mounting hole	M6 Tapped hole for post mounting

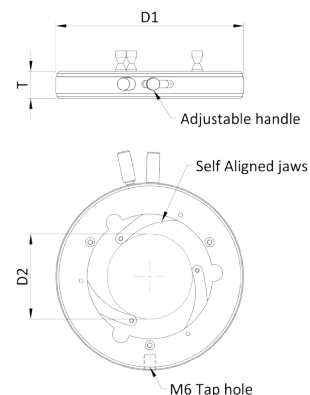
Circular Adjustable Lens Mount

Lens is held between nylon tips having angular grooves. These nylon tips provide protection for optics. Lenses of various sizes can be mounted with the help of this mount.

Nylon tips with angular grooves
Easy insertion and removal of optics

- Three point contact design
- Up to 50 mm diameter optics can be held
- Can be directly fixed to standard post with M6 set screw

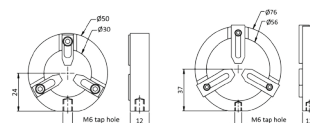
Model No	Optic Size (mm)	Center height (mm)
ALM-C-25	5 - 25	24
ALM-C-50	25 - 50	37



Model : SCLM - 75



Model : SCLM-AK- 75



Model : ALM-C-25



Model : ALM-C-50

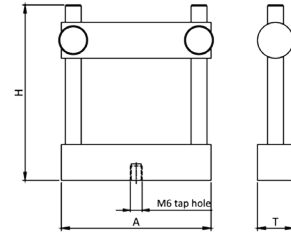
Bar Type Adjustable Lens Mount

Bar type lens mounts are suitable for fixing cylindrical lenses, optical plates etc. These are post mountable with M6 mounting hole provided at the bottom of the mount. M4 / M6 locking screws are provided for fixing sliding bar at desired position. Construction material is aluminium.

Cylindrical lenses can be held
4 mm pitch lead screw drive

- Bar type mounting design
- Optics Up to 165mm can be held
- Suitable for cylindrical lens
- Can be fixed directly to M6 threaded post

Model No	Maximum Size (mm)	A (mm)	H (mm)	T (mm)
ALM - B - 50	50	85	90	15
ALM - B - 90	90	126	145	18
ALM - B - 135	135	165	200	25
ALM - B - 165	165	200	245	25



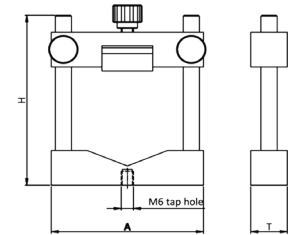
V Type Adjustable Lens Mount

Holds lenses upto 100 mm diameter
M6 set screws for perfect fitting

Easy to hold lenses, cylindrical lenses, optical rods etc. with three point contact using linearly adjustable non rotating bar with M6 locking screws. Adjustable lens mounts are made of aluminium alloy. These are post mountable with M6 mounting hole at the bottom.

- Three point contact design
- Can hold optics up to 100mm diameter
- Suitable for holding cylindrical objects like laser tube, lens tube etc.
- Can be fixed directly to standard post with M6 set screw

Model No	Maximum Size (mm)	A (mm)	H (mm)	T (mm)
ALM - 25	25	47	42	12
ALM - 50	50	88	75	18
ALM - 75	75	114	100	18
ALM - 100	100	154	140	18



Cylindrical Lens Mounts CLM Series

This CLM series lens mounts are suitable for rectangular or square cylindrical lenses. These can be used to mount lenses up to 50 mm.

Perfect for rectangular or square cylindrical lenses

M6 mounting holes

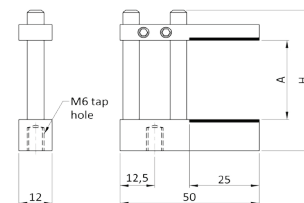
Suitable for rectangular/square cylindrical lenses

Rubber pad is affixed to the holding surface for protecting optics

M6 mounting holes

Post mountable

Model No	A	H
CLM - 15	15 mm	34 mm
CLM - 25	25 mm	44 mm
CLM - 30	30 mm	54 mm
CLM - 50	50 mm	79 mm



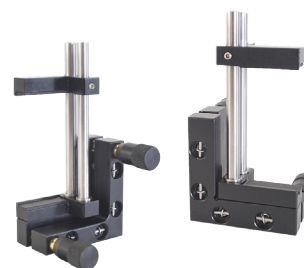
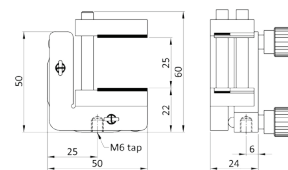
Kinematic Cylindrical Lens Mount

Translation range upto 6mm
Both vertical & horizontal mounting orientation

These mounts have two tilt adjustments by 100 tpi lead screws. Optics is held by a clamp which slides on a post.

Angular Tip / Tilt	+/- 3°
Translation Range	6 mm (Selected Models Only)
Linear Resolution	0.25 mm / Rotation
Sensitivity	4 arc sec.
Mounting Hole	M6 / M4
Mounting Orientation	Vertical & Horizontal

Model No	Optice size
KCLM - 50	6mm to 25mm
KCLM - 75	6mm to 50mm

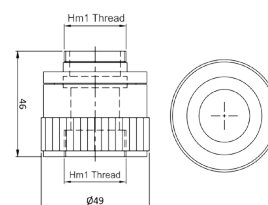


Focus Adjustable Lens Mounts

This focus adjustable lens mount is used to adjust the focus of a lens by backward and forward motion of the lens mounted in it. The focal adjustment is done by rotating focusing head provided on the mount without rotating the lens inside. Lens is held in position by threaded rings inside a threaded bore of the device.

Fine travel range : 10mm
Optics held by threaded rings
Up to 2" optics can be mounted
Compatible to RLM Series Mounts
Aluminium alloy construction
Black anodized finish

Model No	Optic dia (mm)	Suitable mounts
FALM - 25	25 / 1"	RLM - 25
FALM - 50	50 / 2"	RLM - 50

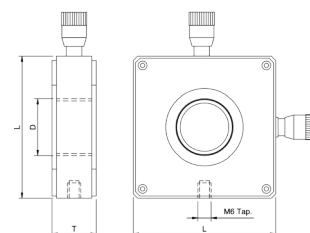


YZ Lens Mounts / Objective Lens Mounts

This YZ lens mount provides linear adjustments along YZ axis using precision spring loaded lead screws.

YZ travel range 4 mm
Optics held by threaded rings
Up to 2" optics can be mounted
M6 mounting holes
Post mountable
Aluminium alloy and stainless steel construction
Black anodized finish

Model No	Optic Size	Thread Type	D (mm)	L (mm)	T (mm)
YZLM-25	25 / 1"	HM1	25	65	20
YZLM-50	50 / 2"	HM2	50	90	20
XYMOH	RMS Thread	RMS	18	50	12



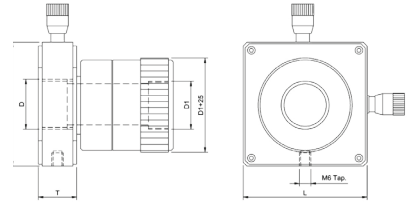
Spring loaded lead screws
Can mount lenses with
different diameters

XYZ Lens Mounts

This XYZ lens mount consists of focus adjustable mount in X axis and translation movement in Y and Z axes. In this case our FALM series lens mount is fixed to YZ mounts (YZLM series).

- Focus adjustable upto 10 mm
- 1" to 2" lenses can be mounted
- YZ travel range : 4 mm , X travel : 10 mm
- Optics held by threaded rings, Up to 2" optics can be mounted
- M6 mounting holes, Aluminium alloy and stainless steel construction
- Black anodized finish

Model No	Optic Size	D	D1	L	T
XYZLM-25	25 / 1"	25	25	65	20
XYZLM-50	50 / 2"	50	50	90	20

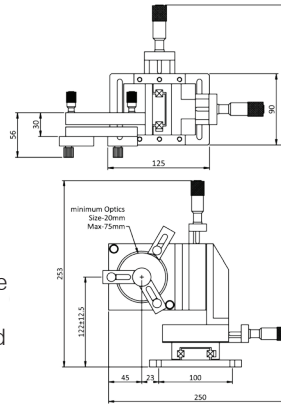


Five Axis Lens Mount for 25mm to 75mm Optics

This multi-axis lens mount consists of three precision linear stages driven by micrometers to provide fine positioning along X, Y and Z axis. It also has two axis kinematic adjustments for any optics mounted on it.

- Allows 25mm Travel in XYZ directions
- Fine tilting beam axis arrangement, XYZ travel range 25 mm
- Tilting range : +/- 2.5 degree
- Optics held by adjustable jaws, Optics size 20 to 75mm can be mounted
- Base mountable, Aluminium alloy construction, Black anodized finish

Model No	Optic Size
5XYKM-50	20 to 75



Five Axis Lens Mount Large Optics

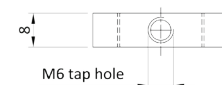
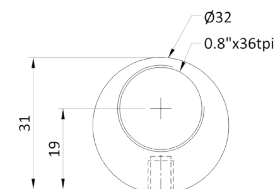
These mounts have three linear adjustments with translation stages and two tilt adjustments with a kinematically held mounting surface. The optics is secured by self centering jaws.

Angular Tip / Tilt	+/- 3°
Travel X	50 mm
Travel Y & Z	25 mm
Linear resolution	10 microns
Sensitivity	4 arc sec.
Mounting Hole	M6 Clear Slots base plate
Drive	100 tpi lead screw for tilting and micrometer for XYZ stage
Minimum optics diameter	20 mm
Maximum optics diameter	104 mm



Provides linear & tilt adjustments
Compatible with optics from 20 to 104 mm diameters

Model No	Optic Size
5ALM - 75	20 mm to 75 mm
5ALM - 100	20 mm to 104 mm



Rigid Objective Lens Mounts

Rigid objective lens mounts have standard RMS threads or C Mount threads. These mounts are aluminium alloy 6061 construction with black anodized finish. M6 mounting hole is provided for post mounting application.

Includes RMS or C threads, Suitable for Microscope objectives
Aluminium alloy, Black anodized finish

Model No	Thread Type	Inside D
MOH - R	"RMS" thread	Microscopic Objective
MOH - C	"C" Mount Thread	Microscopic objective or 'C' Mount objective

Filter Mounts

Stackable Flip Filter Mount FP-FCH Series

Stackable design
Black anodised finish

Optics Sizes	0.5" , 1" & 2"
Flipping range	0 to 90 degree
Flipping accuracy at 0 degree	10 urad
Mounting holes	M6 tapped holes and M4 CBR hole
Design	Stackable design
Material	Aluminium black anodised

FP-FCH-12.5	Suitable for 0.5 inch or 12.5 mm optics , M6 / M4 post mountable
FP-FCH-25	Suitable for 1 inch or 25 mm optics , M6 / M4 post mountable
FP-FCH-50	Suitable for 2 inch or 50 mm optics , M6 / M4 post mountable
FP-SH-75	Shaft for stacking up to 6 filters , qty 2 nos in one set



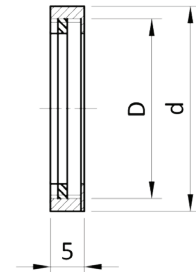
Filter Cells

Filter cell is a circular mount having inside treads. Filter is held inside the cell by treaded rings.

Can hold 3mm thick filters
Cell diameter upto 54 mm are available

5 mm thickness for the cell
Up to 3 mm thick filter can be held

Model No	Optic Diameter : D	Cell Diameter : d
CFC - 12.5	12.5 mm / 0.5"	18 mm
CFC - 25	25 mm / 1"	30 mm
CFC - 38	38 mm / 1.5"	44 mm
CFC - 50	50 mm / 2"	54 mm



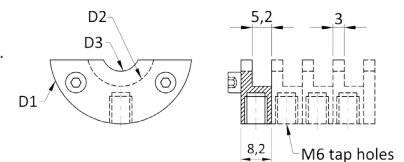
Quick Change Multiple Filter Holder

This filter holder has semi - circle shape so that filter can be inserted or replaced quickly .
The holders can be stacked together as well.
Can hold 6 filters with different thickness
Semicircle shape for the ease of inserting filters

Specifications

- Up to 6 filter cells can be held
- M6 tapped hole for post mounting
- Aluminium construction
- Black anodized finish

Model No	Optic Diameter : D	Filter Cell model	D1	D2	D3
QC - FCH - 12.5	12.5 mm / 0.5"	CFC - 12.5	38	18	10
QC - FCH - 25	25 mm / 1"	CFC - 25	50	30	22
QC - FCH - 38	38 mm / 1.5"	CFC - 38	62	44	34
QC - FCH - 50	50 mm / 2"	CFC - 50	70	54	42



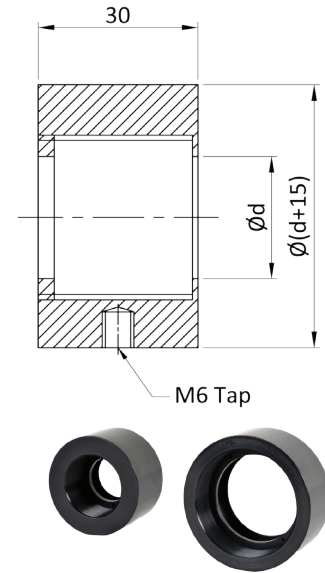
Filter Cell Holder - FCH Series

This holder has M6 tapped holes for post mounting. Filter cell is mounted inside the holder by threaded rings

Upto 5 filters can be placed
M6 tap holes for post mounting

- Up to 5 filter cells can be stacked
- The cells held by threaded rings
- M6 mounting hole
- Post mountable
- Aluminium construction
- Black anodized finish

Model No	Optic Diameter : D	d	Suitable Filter Cells
FCH - 12.5	12.5 mm / 0.5"	18	CFC - 12.5
FCH - 25	25 mm / 1"	30	CFC - 25
FCH - 38	38 mm / 1.5"	44	CFC - 38
FCH - 50	50 mm / 2"	54	CFC - 50

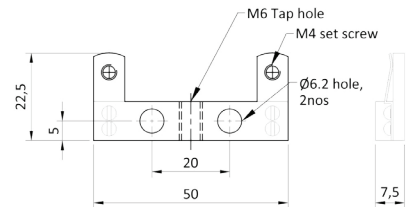


Square Filter Holder SFH Series

These mounts are suitable for holding filters of square or rectangular shapes. The device can be mounted using standard posts having M6 tapped holes. Leaf springs to hold filters
Holds square & rectangular filters

Suitable for rectangular/square filters
Quick removal of filters
Optics held by leaf springs
Up to 6 filter holders are stackable
M6 mounting holes
Post mountable

Model No
SFH - 50
SFHD - 25



Rectangular Filter Holder RFH Series

In this holder, filters are fixed by nylon tipped setscrews. This filter holder is post mountable, having M6 tapped hole at bottom. Leaf springs to hold filters
Holds square & rectangular filters

Nylon tipped set screw to hold optics
Post mountable with M6 tap holes
Economical
Suitable for rectangular / square filters
Optics held by nylon tipped set screw
M6 mounting holes
Post mountable
Aluminium alloy
Black anodized finish

Model No
RFHD - 25
RFH - 50

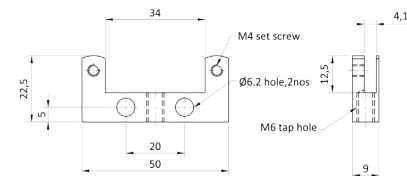


Plate Holder / Glass Slide Holders

This plate holder can be used for mounting plates of thickness upto 22 mm. The holder can be mounted on post.

Easy mounting

Suitable for plates of thickness from 5 to 22 mm

Maximum plate thickness	5 mm to 22 mm
Optics held by	Plastic padded screw
Mounting hole	M6 tapped hole / M4 CBR hole for post mounting
Material	Aluminium



Model No	Size H x W x L (mm)	Number of Locking knobs
CPC - 25	25 x 25 x 37	1
CPC - 50	25 x 50 x 37	2
CPC - 75	25 x 75 x 37	3
CPC - 100	25 x 100 x 37	4

Diffuser Plate with Rotator

This device consists of a circular glass diffuser fixed to the shaft of a DC motor. The controller for this device provide speed adjustments from 300 - 1500 rpm.

Disc rotation speed	300 rpm min to 1500 rpm Max
Disc diameter	200 mm dia
Mounting hole	M6 tapped hole / M4 CBR hole for post mounting
Controller	Speed control using front panel knob
Motor	DC motor

DC Motor is used as actuator

Compatible with Circular glass diffusers

Model No	Glass disc Size	Clear aperture
DPR - 100	Dia - 100 x 3	30 mm
DPR - 150	Dia - 150 x 3	55 mm
DPR - 165	Dia - 165 x 3	60 mm
DPR - 200	Dia - 200 x 3	80 mm
DPR - 250	Dia - 250 x 3	100 mm
DPR - 300	Dia - 300 x 3	105 mm



Polarizer Mounts

Manual Polarizer Rotators PMC Series

Polarizer rotators are suitable to rotate polarisers, wave plates, crystals etc. Four types of manual polariser rotators are available for different applications. Suitable adapters for various optic sizes are available on request.

Polarizer Rotator, PMC Series

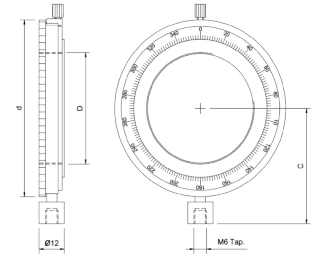
PMC Series can be rotated and locked at desired position. Single polarizer mount and dual polarizer mounts are available in PMC series.

360° Rotation with locking knob

Graduated Circular degree scale from 0 to 360°

- 1° resolution, Manual 360° rotation
- Optics held by threaded ring, Threaded bore depth : 12 mm
- M6 mounting holes, Post mountable, Aluminium alloy, Black anodized finish

Model No	Optic Diameter	Thread	D	d	c
PMC - 25	25 mm / 1"	HM1	25 mm	56 mm	40 mm
PMC - 50	50 mm / 2"	HM2	50 mm	81 mm	53 mm



Precision Polarizer Rotator PMP Series

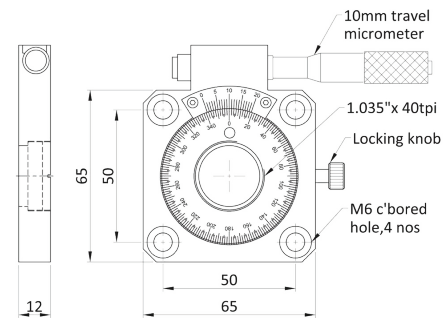
Precision rotary adjustments are possible in this mount. Plate/sheet polarizers are held between two threaded rings inside a threaded bore. For other shapes, adapters have to be used.

Micrometer Driven controller

Precision rotary & fine adjustments

- 0.1 resolution, Manual 360° rotation, +/- 3° Precision Movement
- Drive by Micrometer, Readout from vernier
- Optics held by Threaded Ring, Threaded Bore Depth : 12 mm
- M6 mounting holes, Post mountable, Aluminium alloy, Black anodized finish

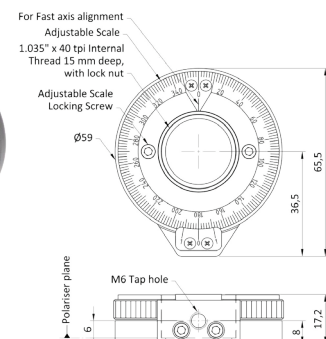
Model No	Optic Diameter
PMP - 25	25 mm / 1"
PMP- 50	50 mm / 2"



Polarizer Rotator/Wave Plate Rotator With Fast Axis Dial PMC-FA

This polarizer mount provides continuous 360° rotation with 0.5 degree resolution within vernier scale. Outside surface is knurled to ensure grip while positioning. There is M6 tapped hole at the bottom for post mounting. Fast axis of the mounted wave plate can be set to the desired reading with the help of a dial which is rotatable independently.

- Able to set fast axis dial, 360 degree continuous rotation
- 0.5 Degree resolution, Suitable 1" and 2" optics
- Suitable for wave plates & polarizing optics
- For smaller optics, adapters can be used, Post mountable with M6 screws
- Aluminium alloy & black anodized finish



Model No	Optic Diameter	Thread	D	Thread depth
PMC-FA- 25	25 mm / 1"	HM1	25 mm	15mm
PMC-FA- 50	50 mm / 2"	HM2	50 mm	17mm

Precision Polarizer Rotator with Tilt TLT Series

Precision rotary adjustments are possible with this mount. Plate/sheet polarizers are held between two threaded rings inside a threaded bore. For other shapes, adapters have to be used.

Kinematic design of this mount provides fine tilt adjustments in two planes for the mounted polarizers.

- $\pm 3^\circ$ kinematic tilt
- Lead screw drive for tilt
- 0.1° resolution for rotation
- Manual 360° rotation
- ± 3 degree precision movement
- Rotation drive by micrometer
- Optics held by threaded ring
- Threaded bore depth : 12 mm
- M6 mounting holes
- Post mountable
- Aluminium alloy
- Black anodized finish

Glan-thompson prism adaptors are also available.



PMC Series - Model : TLT - 25PMC



PMP Series - Model : TLT - 25PMP

Model No	Optic Diameter : D	Thread Type	Type
TLT - 25PMC	25 mm / 1"	HM1	Polarizer Rotator with Tilt
TLT - 50PMC	50 mm / 2"	HM2	Polarizer Rotator with Tilt
TLT - 25PMP	25 mm / 1"	HM1	Precision Polarizer Rotator with Tilt
TLT - 50PMP	50 mm / 2"	HM2	Precision Polarizer Rotator with Tilt

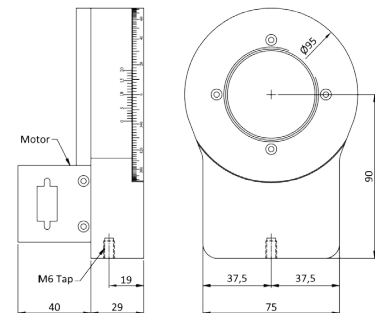
Motorized Polarizer Rotator High speed low resolution

This model of polarizer mount has spur gear drive with stepper motor. The polarizer mount is supported on ball bearing for smooth and noiseless positioning. Resolution and repeatability is around 0.5° . Maximum speed is limited to 36° per second.

Holmarc provides control modules for these devices either with stand alone user interface or with PC control. Various adaptors are available for small size optics and prisms on request.

- Positioning accuracy : 0.5 degree
- Maximum speed : 160 degree / sec
- Minimum continues speed : 0.25 degree / sec
- Maximum optic size : 50mm / 2"
- Optic holding : by threaded ring
- Thread : HM-2
- Adapters available as per request
- Free rotation dial with magnetic lock for setting fast axis
- Optical limit switch for home sensing
- Hand wheel for manual movement
- Stepper motor for computer control movement
- Controller with software for computer controlling
- Additional handheld unit or joysticks available as per request

Model No	Optic Size	Thread	Resolution	Speed
MPR-HSLR-25	25 mm / 1"	HM1	0.5 degrees	160 degree / sec
MPR-HSLR-50	50 mm / 2"	HM2	-	-
Single axis controller # Controller sold separately				



Angular Resolution 0.5°
Stepper Motor is used as actuator

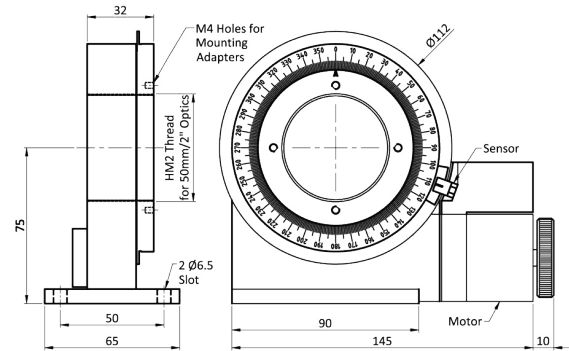
Motorized Polarizer Rotator

Slow speed high resolution - MPR-SSHR Series

In this model, worm gear drive is used for increased resolution and positioning accuracy. Stepper motor is the actuator, hence maximum speed is limited to 8° per second. Resolution is more than 0.01° where as repeatability is 0.05° . Corrosion free materials like stainless steel, brass and aluminium alloy are used for construction. Various adaptors are available for small size optics and prisms on request.

Note : Controller & Software sold separately.

- Positioning accuracy : 0.01° degree
- Maximum speed : 8° degree / sec
- Minimum continues speed : 0.0125° degree / sec
- Maximum optic size : $50\text{mm} / 2"$
- Optic holding : by threaded ring
- Thread : HM-2
- Adapters available as per request
- Free rotation dial with magnetic lock for setting fast axis
- Optical limit switch for home sensing
- Hand wheel for manual movement
- Stepper motor for computer control movement
- Controller with software for computer controlling
- Additional handheld unit or joysticks available as per request



Model No	Optic Size	Thread	Resolution	Speed
MPR-SSHR-50	50 mm / 2"	HM2	0.01 degrees	8 degree / se
AD-SSHR-25	25 mm / 1"	HM1		

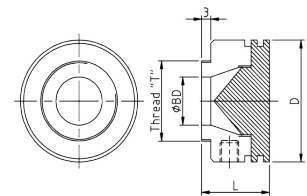
Adapter
Single axis controller # Controller sold separately

Beam Dump

BD Series

These beam dumps provide nominal beam dumping for low power lasers.

Model No	Max. Beam Size (BD) mm	D(mm)	L(mm)	T
BD - 15	15	38	19	HM1
BD - 26	25	48	23	HM38
BD - 52	50	75	25	

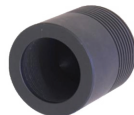
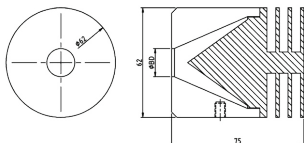


Available in 3 Configurations
Compatible Models for Low & High power Lasers

Air Cooled Beam Dump

These can be used for relatively high power lasers in most of the wave length range

Model No	Max. Beam Size (BD) mm
BD-A-15	15 mm
BD-A-26	25 mm
BD-A-52	50 mm

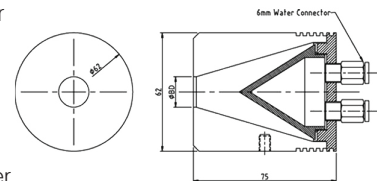


Water Cooled Beam Dump

These beam dumps are suitable for high power lasers upto 10 watts.

Aluminium alloy construction
Black anodized finish
6 mm thick nose couplings for water connection

Model No	Max. Beam Size (BD) mm
BD-W-15	15 mm
BD-W-26	25 mm
BD-W-52	50 mm



Laser Mounts

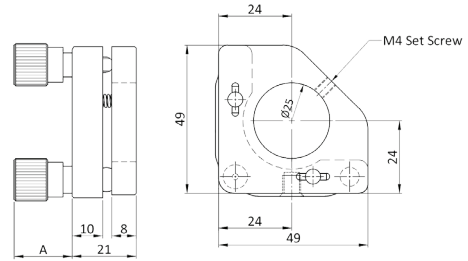
Kinematic Diode Laser Mount

Model : HO-KDLM-20

Kinematic diode laser mount can be used to position diode lasers by fine tilting the beam axis in two perpendicular planes.

Custom laser adaptors are available. Please contact us at sales@holmarc.com

Model No:	
Fine adjustments	Using 80 tpi leadscrews
Adjustment range	+/- 3°
Sensitivity	20 arc sec
Construction	Aluminium alloy
Finish	Black anodized
Maximum diameter of the diode module	25 mm



Compatible with Diode Lasers

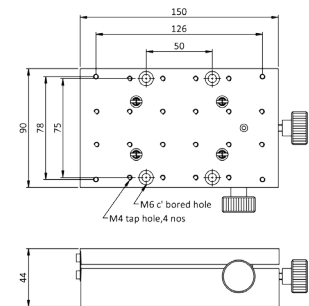
Fine tilting beam axis
arrangement

DPSS Laser Mount

These mounts are manufactured with mounting holes suitable for DPSS lasers. Three lead screws supported by the kinematic design of the mount enables tilt as well as linear adjustments. The base of the mount has holes suitable for breadboard mounting.

- Tilting range +/- 2 degrees
- Driven by 80 tpi leadscrews
- 20 arc sec. sensitivity
- Aluminium alloy
- Black anodized finish
- Breadboard mountable

Model No:	Platform Size	Tilting Range
HOM-DPSS-G-15090	150 x 90 mm	+/- 2 degree
HOM-DPSS-19090	190 x 90 mm	+/- 2 degree



He-Ne laser Mount

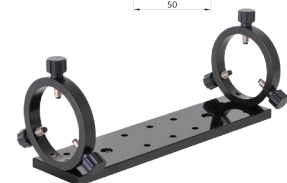
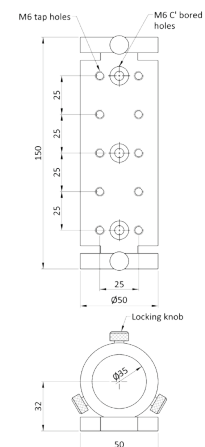
This laser holder can be mounted using standard posts having M6 tapped holes. Two posts and post holders have to be used for stability. The device can be directly mounted to breadboards and stages by making use of two M-6 C'bored holes provided at the base.

Laser is held inside two rings each having three adjustment thumb screws. Tilt and position can be adjusted by the use of thumb screws.

Aluminium alloy construction
Black anodized finish

Model No:	Min Dia Laser (mm)
HeLM - 30	32 mm
HeLM - 50	50 mm

Suitable He-Ne Lasers
Provides fine centering adjustability



He-Ne Laser Mount Tilt And Rotation

Holmarc's gimbal laser mounts provide 360° coarse positioning in two axes in addition to fine adjustments. Laser is held in position by nylon tipped setscrews.

360° Rotation with $\pm 2^\circ$ Fine Adjustment

Provides fine centering adjustability

Coarse adjustment range	360° (Azimuth & elevation)
Fine adjustment range	$\pm 2^\circ$ (Azimuth & elevation) Fine adjustments by 80 tpi lead screws

Sensitivity	20 arc sec
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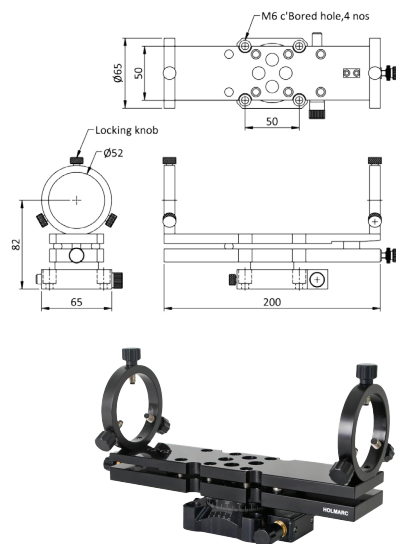
Construction	Aluminium alloy
--------------	-----------------

Finish	Black anodized
--------	----------------

Model No	Min Dia Laser (mm)
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GY-He-LM-30	32 mm
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GY-He-LM-50	50 mm
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Height Adjustable XZ Tilt & Rotation Laser Mount

This laser mount is fixed to a pillar system so that the entire laser assembly can be positioned anywhere on the pillars. Linear adjustments along X and Z axis are provided by micrometer driven translation stages. Tilt control is given by a thumb screw.

X travel	25 mm
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Z travel	25 mm
----------	-------

Pitch	$\pm 3^\circ$
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Yaw	$\pm 3^\circ$
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Minimum height	150 mm
----------------	--------

Maximum height	450 mm
----------------	--------

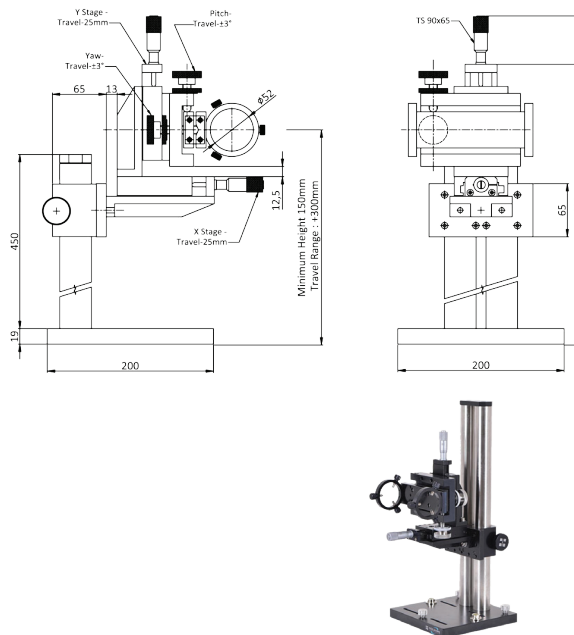
Maximum laser diameter	50 mm
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Material	aluminium
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Mounting holes	M6 CLR slots
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Model No	Max Laser Dia:
----------	----------------

HA-LM-50	50 mm
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Base Mountable XZ Tilt & Rotation Laser Mount

This laser mount has a base plate with M6 slots for fixing to breadboards or optical tables. There are micro meter driven translation stages for X and Z axis adjustments.

X travel	25 mm
----------	-------

Z travel	25 mm
----------	-------

Pitch	$\pm 3^\circ$
-------	---------------

Yaw	$\pm 3^\circ$
-----	---------------

Minimum height	150 mm
----------------	--------

Maximum height	450 mm
----------------	--------

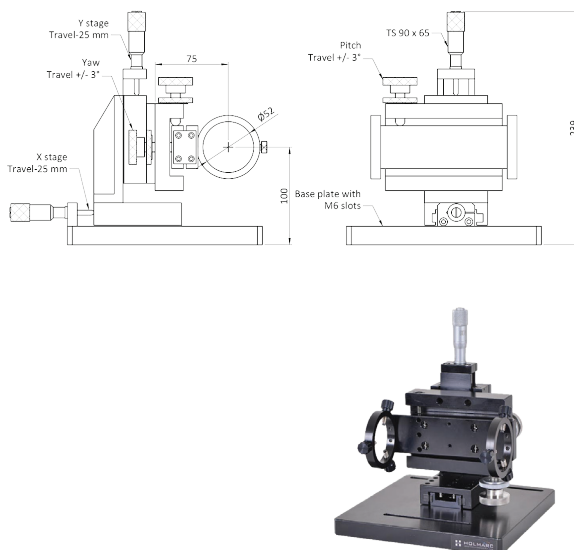
Maximum laser diameter	50 mm
------------------------	-------

Material	aluminium
----------	-----------

Mounting holes	M6 CLR slots
----------------	--------------

Model No	Max Laser Dia:
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HB-LM-50	50 mm
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Apertures

Motorized Variable Aperture

Actuator	Stepper motor
Aperture type	Circular
Aperture diameter	2 mm to 11 mm (Adjustable via software or front panel)
Resolution	1 mm
PC interface	RS232 / USB
Front panel LCD display shows aperture diameter	
Front panel buttons for Open and Close function (1 mm on single press)	



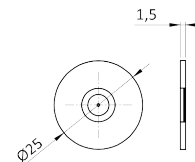
Pinholes - Mounted

Holmarc manufactures precision pinholes for spatial filtering and other similar applications. Standard pinholes are available in either copper or stainless steel substrates

HPRA - Series

Material : Aluminium
25 mm outer diameter
20 Micron thickness
Compatible with PHC - 3 pinhole cells

HPRA-3-5	5.0 μm +/- 1.0 μm
HPRA-3-10	10.0 μm +/- 1 μm
HPRA-3-15	15.0 μm +/- 1.5 μm
HPRA-3-20	20 μm +/- 2 μm
HPRA-3-25	25 μm +/- 2 μm
HPRA-3-30	30 μm +/- 2 μm
HPRA-3-35	35 μm +/- 2 μm
HPRA-3-50	50 μm +/- 2 μm
HPRA-3-100	100 μm +/- 2 μm
HPRA-3-200	200 μm +/- 2 μm



PIN - H - Series

Material : Stainless Steel
9.35 mm outer diameter
20 Micron thickness
Compatible mounts available

Model No.	Size
PIN-H-025	0.25 mm
PIN-H-050	0.50 mm
PIN-H-075	0.75 mm
PIN-H-100	1.00 mm
PIN-H-200	2.00 mm
PIN-H-300	3.00 mm

PINH - Series

Material : Stainless Steel
25 mm outer diameter
20 Micron thickness
Compatible with PHC - 3 pinhole cells

Model No.	Size
PINH-5.0	5.0 μm +/- 1.0 μm
PINH-10	10.0 μm +/- 1 μm
PINH-15	15.0 μm +/- 1.5 μm
PINH-20	20 μm +/- 2 μm
PINH-25	25 μm +/- 2 μm
PINH-30	30 μm +/- 2 μm
PINH-35	35 μm +/- 2 μm

Pinhole Cells

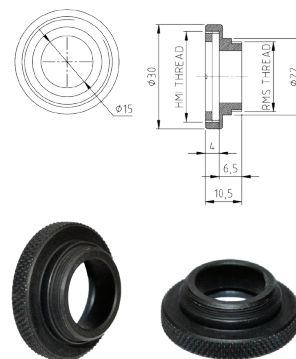
Model No : PHC - 3

These pinhole cells are suitable for 25 mm dia. mounted pinholes. It can be used with rigid, kinematic, XY, XYZ and 5 axis stages. The cell comes with standard RMS thread for fixing to various mounts.

RMS external thread

Material : Aluminium

Finish : Black anodized



Round Apertures - AS Series

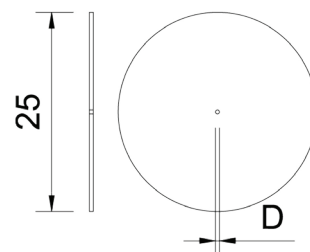
These apertures are made in aluminium substrate and finished by black anodizing. The aperture can be mounted to our standard RLM-25 lens mount.

Material	aluminium
Finish	black anodized

25 mm outer diameter

0.5 mm thickness

Compatible with RLM - 25 mount



Model No.	Diameter D
AS - 0.5	0.5 mm
AS - 1	1 mm
AS - 2	2 mm
AS - 3	3 mm
AS - 4	4 mm
AS - 5	5 mm
AS - 6	6 mm
AS - 7	7 mm
AS - 8	8 mm
AS - 9	9 mm
AS - 10	10 mm

Variable Aperture

Std Variable Round Aperture - SSID Series

Holmarc manufactures variable aperture in four different sizes. These are precision devices which offer near perfect circular apertures.

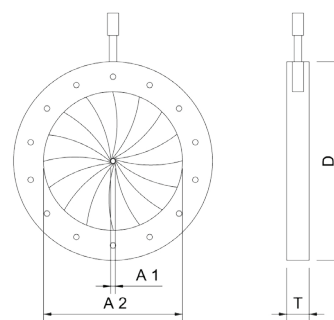
Made of brass and aluminium

Leaves made of spring steel

Compatible with MSSID Series mounts

Black anodized finish for casing

Black zinc finish for leaves



Model No.	Max Aperture	Min Aperture	D (mm)	Thickness (mm)
SSID-12	12 mm	0.8 mm	19.8	5.0
SSID-20	20 mm	0.8 mm	30	5.5
SSID-25	25 mm	0.8 mm	37	5.5
SSID-37	37 mm	1.2 mm	53	6.0
SSID-50	50 mm	2 mm	70	7.5

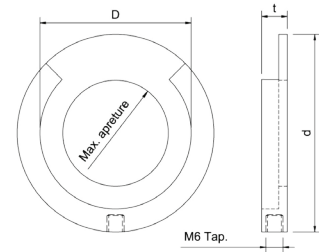


Std Variable Round Aperture Mount - MSSID Series

These mounts are specially suited for Holmarc's variable apertures. There is M6 tapped hole at the bottom for post mounting.

- Aluminium alloy construction
- M6 mounting hole
- Black anodized finish
- Compatible with SSID series apertures

Model No.	Max Aperture	Min Aperture	D (mm)	Thickness (mm)
MSSID-12	19.8	8.0	35.8	SSID-12
MSSID-20	30	9.0	50.0	SSID-20
MSSID-25	37	8.5	53.0	SSID-25
MSSID-37	53	9.0	69.0	SSID-37
MSSID-50	70	10.5	86.0	SSID-50

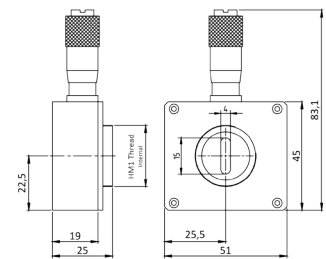


Std Variable Slit - SVRA Series

Variable slits manufactured by Holmarc has micrometer drive which shows slit opening directly on the graduations.

- Slit has 15mm length
- 0-2 mm opening
- Opens equally from center
- Polished steel blades
- M6 mounting hole
- Post mountable
- Aluminum alloy construction
- Black anodized finish

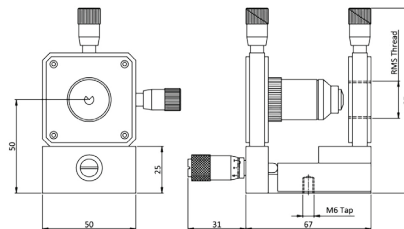
Model No.
SVRA



Spatial Filter Mount - Laser Fiber Coupler SFAS Series

All the translation movements (Z axis stage as well as two X-Y positioners) are provided with preloaded ball bearing guide ways for play less and stick-slip free positioning.

Model No.
SFAS
SFAS - VC

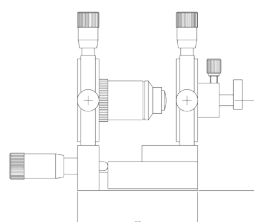


Laser Fiber Coupler

All the translation movements (Z axis stage as well as two X-Y positioners) are provided with preloaded ball bearing guide ways for play less and stick-slip free positioning.

- 3 mm XY adjustment
- 10 mm linear movement
- Fiber Chuck / FC Connector Compatible
- Compatible with std microscope objective
- M6 mounting hole
- Post / base mountable
- Black anodized finish

Model No. Connector Type
LFC - 1 Fiber Chuck (FC1)
LFC - 1 FC FC, Connector



Fiber Chuck and Holders

Fiber Chuck - FC - 1 Series

This fiber chuck can be used for mounting optical fibers safely and rigidly. The chuck is a V grooved rod having both ends flattened. Fiber is held in position inside the groove by rubber clamps as shown in the photograph.

Model No.	Length L
FC-1-20	20 mm
FC-1-30	30 mm
FC-1-50	50 mm
FC-1-65	65 mm

2 Nos of Rubber clamps supplied with every FC1 Fiber chuck.

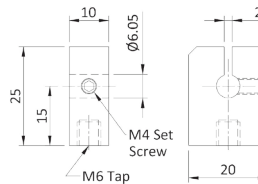


Fiber Chuck Holder - FCH Series

Fiber chuck holders helps to mount fiber chucks in a post system.

Suitable For Bare type and FC, SMA series Fiber Connectors

Model No.
FCH - I - 20

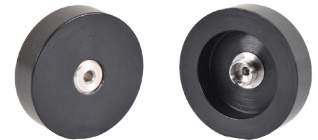
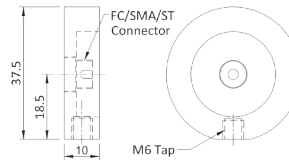


Fiber Chuck SMA / FC / ST Fiber Holders

Fiber chuck holders helps to mount fiber chucks in a post system.

Suitable For Bare type and FC, SMA series Fiber Connectors

Model No.	Fiber type
FC-SMA	SMA Connector
FC-FC	FC Connector
FC-ST	ST Connector



Threaded Chuck Holder For Fiber Chucks / Connectors

These chuck holders have external threads, suitable for using with many standards mounts as listed below.

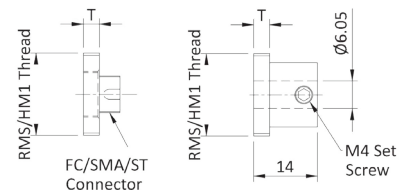
RMS thread / HM1 thread

Aluminium alloy

Black anodized finish

Suitable for RMS / HM1 threaded alignment mounts or adapters

Model No.	Thread	Connector / Chuck Type
FCH-T1-FC-1	RMS	Fiber Chuck FC1
FCH-T1-SMA	RMS	SMA Fiber Connector
FCH-T1-FC	RMS	FC-Fiber Connector
FCH-T1-ST	RMS	ST-Fiber Connector
FCH-T2-FC-1	HM1	Fiber Chuck Fc1
FCH-T2-SMA	HM1	SMA Fiber Connector
FCH-T2-FC	HM1	FC-Fiber Connector
FCH-T2-ST	HM1	ST-Fiber Connector



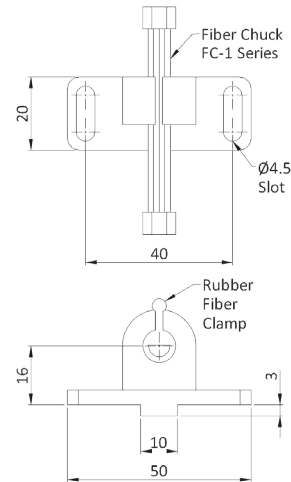
Adapters

Adapters for fiber chuck

Adapters are used to hold fiber chuck safely in an optical system. Adapter has counter bored slots for mounting to stages / optical tables.

- Suitable for bare fiber
- Aluminium alloy
- Black anodized finish
- Fiber chuck FC-1 sold separately
- For 6mm dia FC-1 chuck

Model No.
TC-FCH

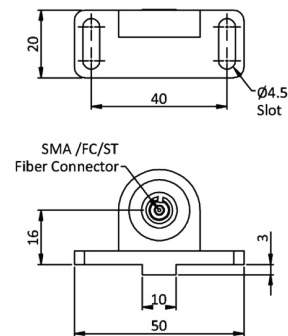


Adapters for SMA / FC / ST Fiber Connector

This adapter model is made for various standard fiber connectors.

- Suitable for SMA / FC / ST fiber connector
- Aluminium alloy
- Black anodized finish

Model No.	Type
TC-SMA	SMA connector
TC-FC	FC connector
TC-ST	ST connector

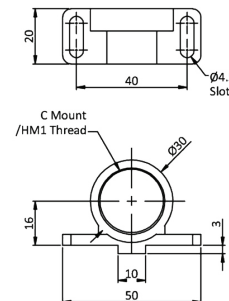


HM1 / C Mount Threaded Adapter

This adapter model is made for various standard fiber connectors.

- Suitable for C mount objectives
- Black anodized finish
- Aluminium alloy
- Suitable for HM1 threaded Components (Lens tube / fiber holder etc...)

Model No.	Thread
TC - HM1	HM1 thread
TC - CM	C Mount thread

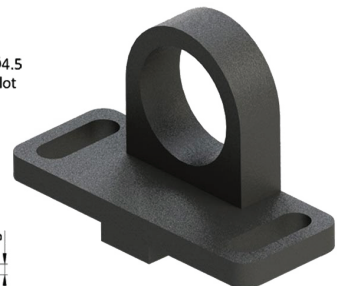
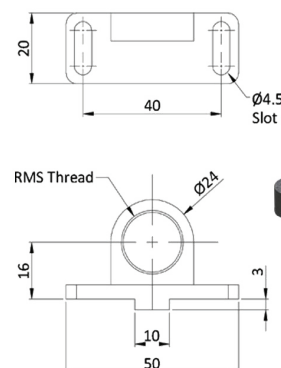


RMS Threaded Adapter (For Microscope Objectives)

RMS threaded adapter has inside threads suitable for standard microscope objectives.

Model No.	Thread
TC - RMS	RMS thread

- Black anodized finish
- Aluminium alloy
- Suitable for microscope objectives / assemblies with RMS thread (Lens tube / fiber holder etc...)

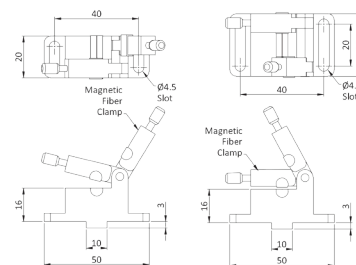


Clamping Fiber Adapter

This fiber adapter is for fixing bare optical fiber rigidly and safely in an optical system.

- Suitable for bare fiber
- Magnetic clamps
- Aluminium alloy

Model No.	Fiber Type
TC-CFA-S	Bare Fiber
TC-CFA-L	Bare Fiber

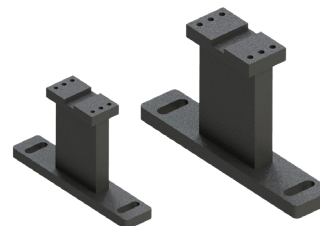
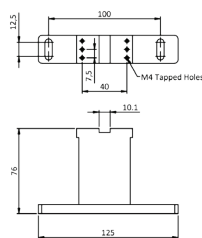


Rigid Support

These rigid supports have M4 tapped holes on top and M6 C' bored holes on bottom.

Model No.
TC-RS-76

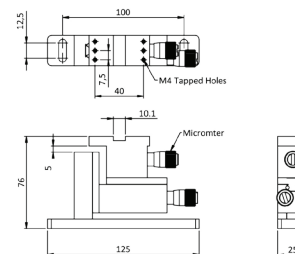
10 mm grooved top plate
 Ø6.5 slots for M6 screws
 76 mm height
 Aluminium alloy
 Black anodized finish



XZ Positioner

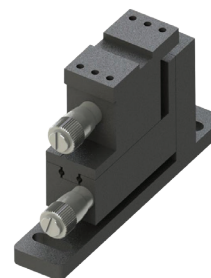
XZ fiber positioner consists of precision, compact XZ stage with fiber clamping provision through the center of the Z-axis stage. The stages make use of preloaded rolling contact ball bearing guide ways for frictionless and stick-slip free positioning. The positioner is equipped with a fiber chuck and chuck holder to clamp fibers up to 1 mm diameter.

10.1 mm grooved top plate
 6.5 mm dia slots for mountings
 76 mm height
 X Travel 5 mm
 Z Travel 5 mm
 Aluminium alloy
 Black anodized finish



Drive	Type 1	Type 2
Micrometer	Micrometer	Micrometer
Resolution	10 Micron	Resolution 5 Micron
Positioning Accuracy	5 Micron	

Model No.	Drive	Travel
TC XZ-M μ 10	Micrometer 10 μ	5 mm
TC XZ-M μ 5	Micrometer 5 μ	2.5 mm



XYZ Positioner

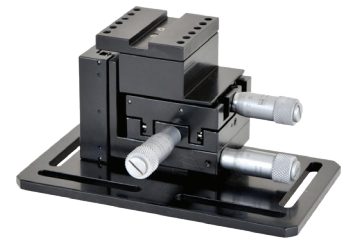
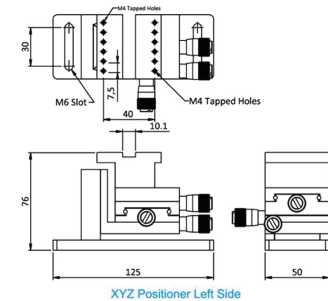
XYZ fiber positioner consists of compact XYZ stage with fiber clamping provision through the center of the Z-axis stage. The stage makes use of preloaded rolling contact ball bearing guide ways for frictionless and stick-slip free positioning. The positioner is equipped with a fiber chuck and chuck holder to clamp fibers up to 1 mm diameter.

10.1 mm grooved top plate
6.5 mm dia slots for mountings
76 mm height
X Travel 5 mm
Y Travel 5 mm
Z Travel 5 mm
Aluminium alloy
Black anodized finish

Drive

Type 1	Type 2
Micrometer	Micrometer
Resolution 10 Micron	Resolution 5 Micron
Positioning Accuracy 5 Micron	

Model No.	Drive	Micrometer	Travel
TC-XYZ-R-M μ 10	Micrometer 10 μ	Right	5 mm
TC-XYZ-R-M μ 5	Micrometer 5 μ	Right	5 mm
TC-XYZ-L-M μ 10	Micrometer 10 μ	Left	5 mm
TC-XYZ-L-M μ 5	Micrometer 5 μ	Left	5 mm



Five Axis Positioner

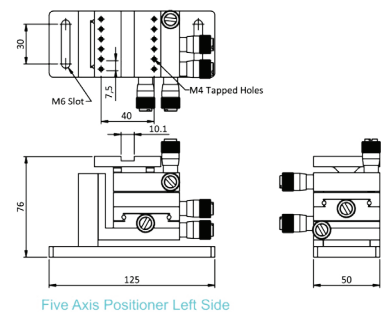
Five axis fiber positioner consists of compact 5 axis stage with fiber clamping provision through the center of the Z-axis stage. The stage makes use of preloaded rolling contact ball bearing guide ways for frictionless and stick-slip free positioning. The positioner is equipped with a fiber chuck and chuck holder to clamp fibers up to 1 mm diameter.

Drive

Type 1	Type 2
Micrometer	Micrometer
Resolution 10 Micron	Resolution 5 Micro
Positioning Accuracy 5 Micron	

Top plate having 10.1 mm groove
6.5mm dia slots for mountings
76mm height
X Travel 5 mm
Y Travel 5 mm
Z Travel 5 mm
Aluminium black anodized finish
ø 1 Tilting range $\pm 2^\circ$
ø 2 Tilting range $\pm 2^\circ$

Model No.	Drive	Micrometer	Travel
TC-5AR-Mu 10	Micrometer 10 μ	Right	5 mm
TC-5AR-Mu 5	Micrometer 5 μ	Right	5 mm
TC-5AL-Mu 10	Micrometer 10 μ	Left	5 mm
TC-5AL-Mu 5	Micrometer 5 μ	Left	5 mm



Optical Chopper

Model No: HO-IAD-OC-01

An optical chopper is a mechanical device which physically chops a light beam into discrete light pulses. It is widely used in various optical experiments. It modulates different light sources with given frequency for their subsequent analysis.

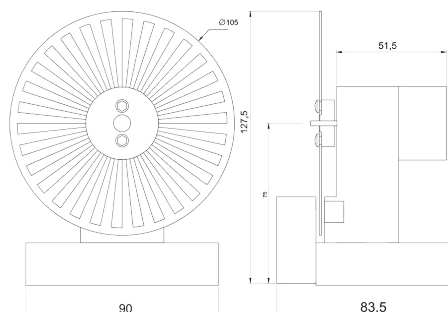
The chopping discs come in a variety of slot apertures and can be replaced with ease.

Holmarc's optical chopper is a stable device through out the frequency range. The basic system consists of control unit, rotating head and a set of four chopper discs. A DC motor drives the rotating head in closed loop control. Chopping discs are replaceable by the user with ease. A heavy base to which the rotating assembly is fixed provides stability during operation. Optical axis height is approximately 100 mm. The required disc depending on the frequency can be fixed to the rotating head. This system provide wide range of frequencies (10Hz - 3.7kHz.) A wide selection of additional discs and accessories are available to extend the frequency range and to satisfy individual requirements. Frequency is displayed directly on the digital display of the control unit. Easy-to-interchange blades are made of corrosion protected material for durability.



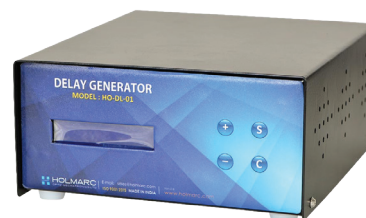
Frequency

Two Slot	10 Hz to 200 Hz
Six Slot	100 Hz to 600 Hz
Thirty slot	200 Hz to 4000 Hz
Duty Cycle	50 %
Stability	+/- 1 Hz
Chopper Wheel Diameter	105 mm
Frequency Read Out	16 x 2 Lines LCD
Reference Pick-Up	IR LED and Photo Transistor Pair
Motor Cable Length	1.5 m
Operating Temperature	10°C - 50°C
Power input	230V, 50Hz



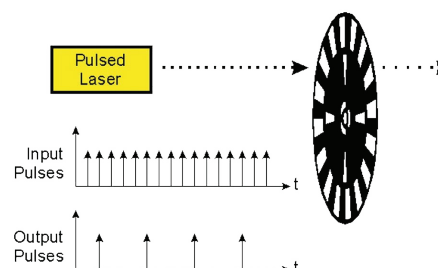
Delay Generator

The delay generator accepts a TTL pulse train having a frequency between 10 Hz to 4 kHz, and provides a delayed version of the same signal. The amount of time delay can be set using the front panel buttons and the LCD display. It can delay the signal by 10 microseconds minimum to 60 milliseconds maximum. This device can be used for triggering a measurement device or camera when used with an optical chopper. The reference signal from the optical chopper may not be in phase with the chopped laser output. Adding a user specified delay to the reference signal will make it in phase with the laser and bring the triggering in sync with the laser pulsations.



Specifications

Input signal	TTL (5V) pulses
Input signal frequency range	10 Hz to 4000 Hz
Minimum delay	10 microsecond
Maximum delay	60 millisecond
Delay resolution	1 microsecond
User interface	Alphanumeric LCD and buttons
Input & Output connectors	BNC
Power input	90 - 260V / 50 - 60Hz



Motorised Shutter

Model No: HO-MS-25

Precision and Efficiency for Your Optical Systems

Holmarc's HO-MS-25 Motorized Shutter is designed to provide precise and reliable control in your optical systems. With a 25mm aperture and rapid opening and closing speed, this shutter is ideal for a variety of applications requiring accurate light control. Constructed with high-quality aluminium, it ensures durability and lightweight handling. The remote operation and stepper motor movement add to its convenience and precision.

Aperture Size	25 mm
Opening and Closing Speed	1 second
Material Construction	High-quality Aluminium
Mounting Options	M6 mounting holes for versatile post mounting and height adjustments
Extended Brass Connector	Ensures reliable and stable connections
Remote Operated	Convenient control from a distance
Stepper Motor Movement	Smooth and precise shutter operation
Controller	Holmarc Stepper Motor Controller
Software	PC-based programmable software for easy operation
External Trigger Ports	For advanced control of the shutter
Detailed Specifications	
Shutter Aperture Size	25 mm
Shutter Opening and Closing Speed	1 second
Material Construction	Aluminium
Extended Brass Connector	
Mounting Holes	M6 for post mounting, with various positions for different height adjustments
Remote Operated	
Stepper Motor Movement	
Controller	Holmarc stepper motor controller
Software	PC based programmable software
External Trigger Ports	For controlling the shutter

Accessories

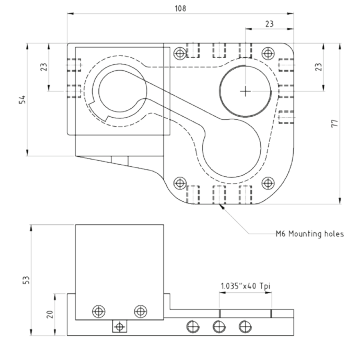
Holmarc Stepper Motor Controller : Advanced controller for smooth operation.

PC-Based Programmable Software : User-friendly software for customized programming.

Extended Brass Connector : For enhanced connectivity and stability.

Mounting Posts and Hardware : Various options for flexible and secure mounting.

Check our Controller & Software for more details



25 mm aperture
Precise shutter operation



Applications

- Optical Experiments : Ideal for precise control of light exposure in laboratory settings.
- Photography : Useful in controlled lighting conditions for capturing high-quality images.
- Laser Systems : Ensures accurate control of laser exposure times in various applications.
- Industrial Automation : Enhances control in automated systems requiring precise timing.

Post Mounting Systems

- Holding optical mounts in breadboard setups
- Adjusting height and angular position of optics
- Supporting filters, mirrors, and beam splitters



8 mm Post System

8 mm diameter Post

P8 series posts are of 8 mm diameter with precision ground finish. Both ends are provided with M4 or 8-32 tapped holes. P8 series posts are compatible with PH8 series post holders.

8 mm diameter posts
Length up to 150 mm
M4 or 8-32 tapped holes at both ends
Non magnetic Stainless steel construction
Ground finish

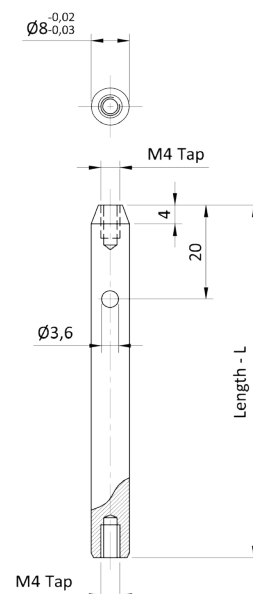
M4 tapped holes at both ends

P8 - 20	8 mm dia, non magnetic stainless steel post ,M4 tap both end, length 20 mm
P8 - 25	8 mm dia, non magnetic stainless steel post ,M4 tap both end, length 25 mm
P8 - 30	8 mm dia, non magnetic stainless steel post ,M4 tap both end, length 30 mm
P8 - 40	8 mm dia, non magnetic stainless steel post ,M4 tap both end, length 40 mm
P8 - 50	8 mm dia, non magnetic stainless steel post ,M4 tap both end, length 50 mm
P8 - 75	8 mm dia, non magnetic stainless steel post ,M4 tap both end, length 75 mm
P8 - 100	8 mm dia, non magnetic stainless steel post ,M4 tap both end, length 100 mm
P8 - 125	8 mm dia, non magnetic stainless steel post ,M4 tap both end, length 125 mm
P8 - 150	8 mm dia, non magnetic stainless steel post ,M4 tap both end, length 150 mm



Non magnetic Stainless steel

Length ranges from 20 to 150mm



8 - 32 tapped holes at both ends

Model No	Description
PT8 - 20	8 mm dia, non magnetic staineless steel post, 8-32 tap both end, length 20 mm
PT8 - 25	8 mm dia, non magnetic staineless steel post, 8-32 tap both end, length 25 mm
PT8 - 30	8 mm dia, non magnetic staineless steel post, 8-32 tap both end, length 30 mm
PT8 - 40	8 mm dia, non magnetic staineless steel post, 8-32 tap both end, length 40 mm
PT8 - 50	8 mm dia, non magnetic staineless steel post, 8-32 tap both end, length 50 mm
PT8 - 75	8 mm dia, non magnetic staineless steel post, 8-32 tap both end, length 75 mm
PT8 - 100	8 mm dia, non magnetic staineless steel post, 8-32 tap both end, length 100 mm
PT8 - 125	8 mm dia, non magnetic staineless steel post, 8-32 tap both end, length 125 mm
PT8 - 150	8 mm dia, non magnetic staineless steel post, 8-32 tap both end, length 150 mm

PH Series Post Holders

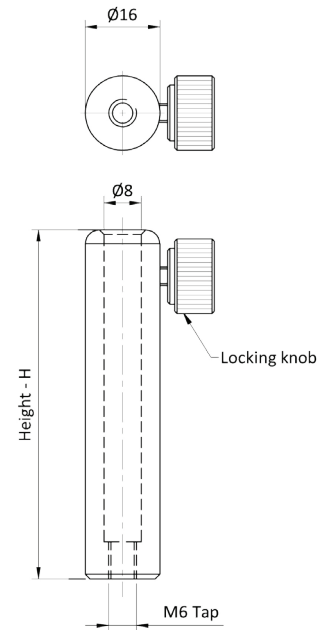
These post holders have square relief cut for stable three point line contact with post and post holder. Spring loaded plunger knob is provided with every post holder for smooth up and down movement and stable tightening at desired position.

We can fix post holder to an optical table , base plate or a pedestal adapter using M6 mounting hole provided at the bottom of the post holder.

Aluminium alloy construction
 Black anodized finish
 Length up to 100 mm
 8 mm inner diameter
 16 mm outer diameter
 Suitable for 8 mm diameter post

M6 Mounting hole

Model No	Description
PH8 - 20	8 mm inner & 16 mm outer dia, aluminium black anodised, length 20 mm with M6 Mounting hole
PH8 - 30	8 mm inner & 16 mm outer dia, aluminium black anodised, length 30 mm with M6 Mounting hole
PH8 - 40	8 mm inner & 16 mm outer dia, aluminium black anodised, length 40 mm with M6 Mounting hole
PH8 - 50	8 mm inner & 16 mm outer dia, aluminium black anodised, length 50 mm with M6 Mounting hole
PH8 - 75	8 mm inner & 16 mm outer dia, aluminium black anodised, length 75 mm with M6 Mounting hole
PH8 - 100	8 mm inner & 16 mm outer dia, aluminium black anodised, length 100 mm with M6 Mounting hole



1/4 - 20 Mounting hole

Model No	Description
PHT8 - 20	8 mm inner & 16 mm outer dia, aluminium black anodised, length 20 mm with 1/4-20 Mounting hole
PHT8 - 30	8 mm inner & 16 mm outer dia, aluminium black anodised, length 30 mm with 1/4-20 Mounting hole
PHT8 - 40	8 mm inner & 16 mm outer dia, aluminium black anodised, length 40 mm with 1/4-20 Mounting hole
PHT8 - 50	8 mm inner & 16 mm outer dia, aluminium black anodised, length 50 mm with 1/4-20 Mounting hole
PHT8 - 75	8 mm inner & 16 mm outer dia, aluminium black anodised, length 75 mm with 1/4-20 Mounting hole
PHT8 - 100	8 mm inner & 16 mm outer dia, aluminium black anodised, length 100 mm with 1/4-20 Mounting hole

Suitable for 8mm diameter post
A variety of post heights
Available

Plunger knob

Model : PGK-20

Plunger knob is a brass plunger, loaded with a suitable spring, inside M6 stud. This plunger knob prevents posts from sudden falling while loosening the knob for removing the post or adjusting height in an optical set up. Only one hand is required for any operation using post and post holder.

one set contains 10 nos.



12mm Post System

Post mounting system is a convenient device for holding various optical mounts in a breadboard based experimental setup. Height and angular position of mounted optics can be easily adjusted. The post system includes post, post holder, post holder base and post collar.

P Series Post

Ø12 mm

P series stainless steel posts have 12mm diameter with precision ground finish. One end of the post is turned suitable for M4 screw and other end is for M6 screw. A 3.6 mm diameter hole is provided on the surface of the post for providing extra torque while tightening components on it. A 3.5 mm allen key or a screwdriver with less than 3.6 mm diameter can be used for tightening. For post holders suitable for 12 mm diameter posts refer to PH series post holders

Specifications
Stainless steel
Ground finish
One end chamfered for easy access
M4 & M6 threaded for mounting

P20	12 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 20 mm
P25	12 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 25 mm
P30	12 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 30 mm
P40	12 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 40 mm
P50	12 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 50 mm
P75	12 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 75 mm



P100	12 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 100 mm
P125	12 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 125 mm
P150	12 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 150 mm
P200	12 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 200 mm
P250	12 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 250 mm
P300	12 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 300 mm

12 mm Post with Imperial standard mounting holes

PT20	12 mm dia, non magnetic stainless steel post, 8-32 tap at one end & 1/4-20 tap at other end, length 20 mm
PT25	12 mm dia, non magnetic stainless steel post, 8-32 tap at one end & 1/4-20 tap at other end, length 25 mm
PT30	12 mm dia, non magnetic stainless steel post, 8-32 tap at one end & 1/4-20 tap at other end, length 30 mm
PT40	12 mm dia, non magnetic stainless steel post, 8-32 tap at one end & 1/4-20 tap at other end, length 40 mm
PT50	12 mm dia, non magnetic stainless steel post, 8-32 tap at one end & 1/4-20 tap at other end, length 50 mm
PT75	12 mm dia, non magnetic stainless steel post, 8-32 tap at one end & 1/4-20 tap at other end, length 75 mm
PT100	12 mm dia, non magnetic stainless steel post, 8-32 tap at one end & 1/4-20 tap at other end, length 100 mm
PT125	12 mm dia, non magnetic stainless steel post, 8-32 tap at one end & 1/4-20 tap at other end, length 125 mm
PT150	12 mm dia, non magnetic stainless steel post, 8-32 tap at one end & 1/4-20 tap at other end, length 150 mm
PT200	12 mm dia, non magnetic stainless steel post, 8-32 tap at one end & 1/4-20 tap at other end, length 200 mm
PT250	12 mm dia, non magnetic stainless steel post, 8-32 tap at one end & 1/4-20 tap at other end, length 250 mm

12 mm Aluminium anodised post with metric standard mounting holes

Model No	Length (mm)
AP30	12 mm dia, Aluminium anodised post, M4 tap at one end - M6 tap at other end, length 30 mm
AP40	12 mm dia, Aluminium anodised post, M4 tap at one end - M6 tap at other end, length 40 mm
AP50	12 mm dia, Aluminium anodised post, M4 tap at one end - M6 tap at other end, length 50 mm
AP75	12 mm dia, Aluminium anodised post, M4 tap at one end - M6 tap at other end, length 75 mm
AP100	12 mm dia, Aluminium anodised post, M4 tap at one end - M6 tap at other end, length 100 mm
AP125	12 mm dia, Aluminium anodised post, M4 tap at one end - M6 tap at other end, length 125 mm
AP150	12 mm dia, Aluminium anodised post, M4 tap at one end - M6 tap at other end, length 150 mm

12 mm Aluminium anodised post with Imperial standard mounting holes

Model No	Length (mm)
APT30	12 mm dia, Aluminium anodised post, 8-32 tap at one end & 1/4-20 tap at other end, length 30 mm
APT40	12 mm dia, Aluminium anodised post, 8-32 tap at one end & 1/4-20 tap at other end, length 40 mm
APT50	12 mm dia, Aluminium anodised post, 8-32 tap at one end & 1/4-20 tap at other end, length 50 mm
APT75	12 mm dia, Aluminium anodised post, 8-32 tap at one end & 1/4-20 tap at other end, length 75 mm
APT100	12 mm dia, Aluminium anodised post, 8-32 tap at one end & 1/4-20 tap at other end, length 100 mm
APT125	12 mm dia, Aluminium anodised post, 8-32 tap at one end & 1/4-20 tap at other end, length 125 mm
APT150	12 mm dia, Aluminium anodised post, 8-32 tap at one end & 1/4-20 tap at other end, length 150 mm

P-LE Series Post

P - LE series stainless steel posts have precise laser engraved scale reference from M4 screw side. Engravings are provided at 1 mm division along their length.

Specifications

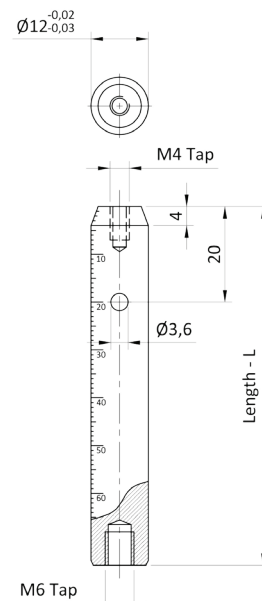
Stainless steel
Ground finish
One end chamfered for easy access
One end M4 threaded and other end M6 threaded
Laser engraved scale

Model No	Length (mm)
P - LE 50	50
P - LE 75	75
P - LE 100	100
P - LE 125	125
P - LE 150	150
P - LE 200	200

Accessories For Post

Item	Model No	Type of Thread	Thread Length (mm)	Minimum Order Qty.
Set - Screw	G M412	M4	12	25 Nos.
	G M612	M6	12	25 Nos.
Thread Adapter		M4 - M6	6 + 6	25 Nos.

Set Screw Sold Separately
Thread Adapter Sold Separately



Resolution of 1mm in scale
Engraved Scale for Accurate
Height Adjustments

PH Series Post

PH series post holders have a square relief cut for stable three point line contact with post and post holder. Spring loaded plunger knob is provided with every post holder for smooth up and down movement and stable tightening at desired position.

We can fix post holder to an optical table, base plate or a pedestal adapter by using M6 mounting hole provided at the bottom of the post holder.

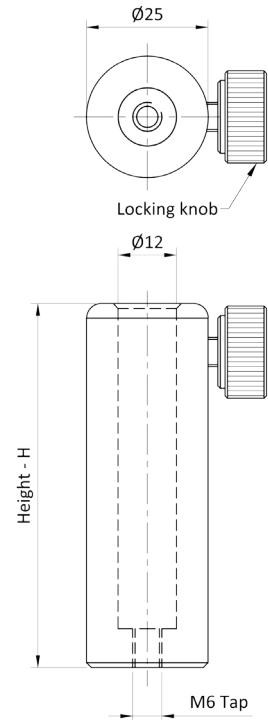
Aluminium alloy construction
Black anodized finish
M6 mounting hole
Suitable for 12mm diameter post

12 mm post holder Metric mounting hole

PH20	12 mm inner & 25 mm outer dia, aluminium black anodised, length 20 mm with M6 tap
PH30	12 mm inner & 25 mm outer dia, aluminium black anodised, length 30 mm with M6 tap
PH40	12 mm inner & 25 mm outer dia, aluminium black anodised, length 40 mm with M6 tap
PH50	12 mm inner & 25 mm outer dia, aluminium black anodised, length 50 mm with M6 tap
PH75	12 mm inner & 25 mm outer dia, aluminium black anodised, length 75 mm with M6 tap
PH100	12 mm inner & 25 mm outer dia, aluminium black anodised, length 100 mm with M6 tap
PH150	12 mm inner & 25 mm outer dia, aluminium black anodised, length 150 mm with M6 tap
PH200	12 mm inner & 25 mm outer dia, aluminium black anodised, length 200 mm with M6 tap
PH250	12 mm inner & 25 mm outer dia, aluminium black anodised, length 250 mm with M6 tap

12 mm post holder Imperial mounting hole

Model No	Length (mm)
PHT20	12 mm inner & 25 mm outer dia, aluminium black anodised, length 20 mm with 1/4-20 tap
PHT30	12 mm inner & 25 mm outer dia, aluminium black anodised, length 30 mm with 1/4-20 tap
PHT40	12 mm inner & 25 mm outer dia, aluminium black anodised, length 40 mm with 1/4-20 tap
PHT50	12 mm inner & 25 mm outer dia, aluminium black anodised, length 50 mm with 1/4-20 tap
PHT75	12 mm inner & 25 mm outer dia, aluminium black anodised, length 75 mm with 1/4-20 tap
PHT100	12 mm inner & 25 mm outer dia, aluminium black anodised, length 100 mm with 1/4-20 tap
PHT150	12 mm inner & 25 mm outer dia, aluminium black anodised, length 150 mm with 1/4-20 tap
PHT200	12 mm inner & 25 mm outer dia, aluminium black anodised, length 200 mm with 1/4-20 tap
PHT250	12 mm inner & 25 mm outer dia, aluminium black anodised, length 250 mm with 1/4-20 tap



A variety of post heights
Available

Suitable for 12mm diameter
post

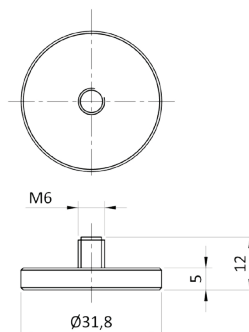
Pedestal Adapter

Pedestal Adapter Model : PPA PG 12D is used to convert PH series post holder to a pedestal post holder system. This can be used to position an optical system away from the line of mounting holes array by using a pedestal fork.

Specifications

- Stainless steel construction
- Turned finish
- M6 stud for mounting
- Disc thickness 5mm
- Suitable for STD fork

Model No
PPA-PG-12D
For 1 set., contains 5 nos.



Turned finish
Suitable for STD fork



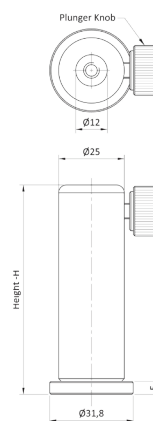
Pedestal Post Holder PPH Series

Pedestal Post holders have stainless steel pedestal foot of thickness 5mm. The posts will sit down to minimum height compared to our regular post holders. A square relief cut is also provided for better clamping. One spring loaded plunger knob model: PGK-20 is fixed with every pedestal post holder. Pedestal post holders are made in aluminium alloy with black anodized finish.

- Aluminium alloy construction
- Pedestal foot made of SS
- Black anodized finish
- Through bore
- Suitable for standard fork Model : PF-25

Pedestal post holder of 12 mm inner & 25 mm outer dia, aluminium black anodised

Model No	Length (mm)
PPH-30	30 mm
PPH-40	40 mm
PPH-50	50 mm
PPH-75	75mm
PPH-100	100 mm
PPH-150	150 mm



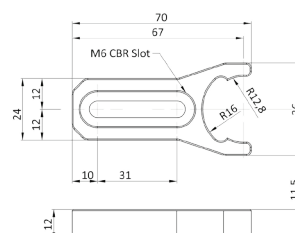
Black anodized finish
Compatible with Model: PF-25
STD fork

PF Series Pedestal Fork

Pedestal Fork , PF-25 is constructed in stainless steel. These forks can be used to fix pedestal post holder. Post holder with suitable pedestal adapter or pedestal post to a breadboard or optical table.

- Stainless Steel Construction
- 12mm Thick
- M6 CBR Slot
- Suitable for STD Pedestals
- Machined finish

Model No
PF - 25

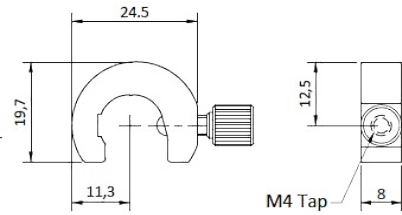


Post Collar

PC - 12 Post collars are slip on type collars with M4 soft metal tipped knob. PC - 12 collars are made of aluminium B51S alloy metal with black anodized finish. PC - 12 post collars are suitable for our 12 mm diameter posts. They can be easily inserted or removed by using suitable access slots provided.

Aluminium B51S alloy
Black anodized matte finish
Open-ring design

Model No
PC - 12



Translating Post Holder Ø12 mm

Translating Post Holders provide non rotating height adjustment by a knurled rotating thimble. Post holders accept 12mm diameter posts. Plunger Knob (model: PGK-20) is fixed with every Translating Post Holders. Translating post holders are made in aluminium alloy and given black anodized finish.

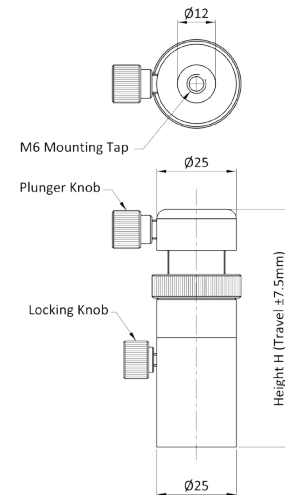
We can fix these given post holders to an optical table, base plate or a pedestal adapter by using M6 mounting hole provided at the bottom of the post holder.

Specifications

Height adjustment range: 15 mm
Holds 12 mm diameter standard posts
Aluminium alloy
Black anodized finish

Translating post holder with metric mounting hole

Model No	Length (mm)
TPH-75	Aluminium black anodised translating post holder for 12 mm dia post, Travel 15 mm & length 75 mm with M6 tap
TPH-100	Aluminium black anodised translating post holder for 12 mm dia post, Travel 15 mm & length 100 mm with M6 tap
TPH-150	Aluminium black anodised translating post holder for 12 mm dia post, Travel 15 mm & length 150 mm with M6 tap



Translating post holder with imperial mounting hole

Model No	Length (mm)
TPH-75T	Aluminium black anodised translating post holder for 12 mm dia post, Travel 15 mm & length 75 mm with 1/4-20 tap
TPH-100T	Aluminium black anodised translating post holder for 12 mm dia post, Travel 15 mm & length 100 mm with 1/4-20 tap
TPH-150T	Aluminium black anodised translating post holder for 12 mm dia post, Travel 15 mm & length 150 mm with 1/4-20 tap

Translating Pedestal Post Holder

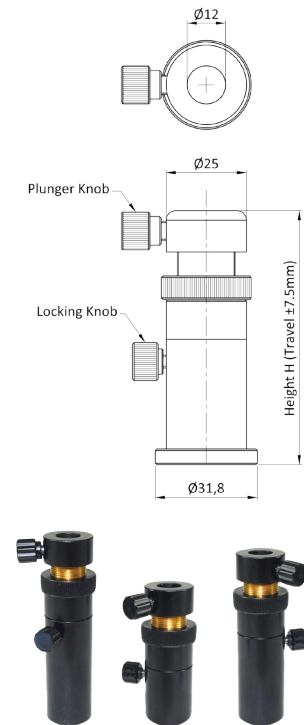
Ø12 mm

TPPH series Translating Pedestal Post holders have a stainless steel pedestal foot of 5 mm thickness. One spring loaded plunger knob (model: PGK-20) is fixed with every Translating Pedestal post holder. Translating Pedestal post holders are made in aluminium alloy and given black anodized finish.

Pedestal Base thickness of 5mm
Compatible with 12mm P series posts

- Height adjustment range : 15 mm
- Holds 12 mm diameter standard posts
- Aluminium alloy
- Black anodized finish

Model No	Length (mm)
TPPH-75	Aluminium black anodised translating pedestal post holder for 12 mm dia post , travel 15 mm & length 75 mm
TPPH-100	Aluminium black anodised translating pedestal post holder for 12 mm dia post , travel 15 mm & length 100 mm
TPPH-150	Aluminium black anodised translating pedestal post holder for 12 mm dia post , travel 15 mm & length 150 mm



12.7mm Post System

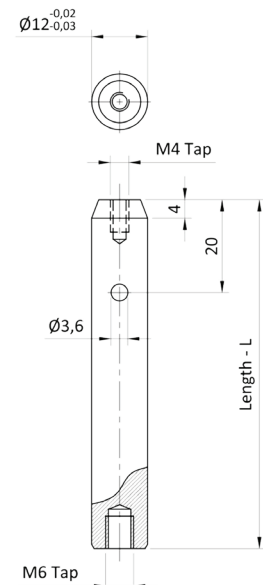
Post mounting system is a convenient device for holding various optical mounts in a breadboard based experimental setup. Height and angular position of mounted optics can be easily adjusted. The post system includes post, post holder, post holder base and post collar.

P Series Post

Ø12.7 mm

P series stainless steel posts have 12.7mm diameter with precision ground finish. One end of the post is turned suitable for M4 screw and other end is for M6 screw. A 3.6 mm diameter hole is provided on the surface of the post for providing extra torque while tightening components on it. A 3.5 mm allen key or a screwdriver with less than 3.6 mm diameter can be used for tightening. For post holders suitable for 12.7 mm diameter posts refer to PH series post holders.

Stainless steel
Ground finish
One end chamfered for easy access
M4 & M6 threaded for mounting



12.7 mm or 0.5 inch Post with metric mounting hole

Model No	Length (mm)
PN20	12.7 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 20 mm
PN25	12.7 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 25 mm
PN30	12.7 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 30 mm
PN40	12.7 mm dia, non magnetic stainless steel post, M4 tap at one end - M6 tap at other end, length 40 mm



Model No	Length (mm)
PN50	12.7 mm dia, non magnetic stainelss steel post, M4 tap at one end - M6 tap at other end, length 50 mm
PN75	12.7 mm dia, non magnetic stainelss steel post, M4 tap at one end - M6 tap at other end, length 75 mm
PN100	12.7 mm dia, non magnetic stainelss steel post, M4 tap at one end - M6 tap at other end, length 100 mm
PN125	12.7 mm dia, non magnetic stainelss steel post, M4 tap at one end - M6 tap at other end, length 125 mm
PN150	12.7 mm dia, non magnetic stainelss steel post, M4 tap at one end - M6 tap at other end, length 150 mm
PN200	12.7 mm dia, non magnetic stainelss steel post, M4 tap at one end - M6 tap at other end, length 200 mm
PN250	12.7 mm dia, non magnetic stainelss steel post, M4 tap at one end - M6 tap at other end, length 250 mm

12.7 mm or 0.5 inch Aluminium anodised Post with metric standard mounting holes

Model No	Length (mm)
APN30	12.7 mm dia, Aluminium anodised post, M4 tap at one end - M6 tap at other end, length 30 mm
APN40	12.7 mm dia, Aluminium anodised post, M4 tap at one end - M6 tap at other end, length 40 mm
APN50	12.7 mm dia, Aluminium anodised post, M4 tap at one end - M6 tap at other end, length 50 mm
APN75	12.7 mm dia, Aluminium anodised post, M4 tap at one end - M6 tap at other end, length 75 mm
APN100	12.7 mm dia, Aluminium anodised post, M4 tap at one end - M6 tap at other end, length 100 mm
APN125	12.7 mm dia, Aluminium anodised post, M4 tap at one end - M6 tap at other end, length 125 mm
APN150	12.7 mm dia, Aluminium anodised post, M4 tap at one end - M6 tap at other end, length 150 mm

12.7 mm or 0.5 inch Aluminium anodised Post with metric standard mounting holes

Model No	Length (mm)
APNT30	12.7 mm dia, Aluminium anodised post, 8-32 tap at one end & 1/4-20 tap at other end, length 30 mm
APNT40	12.7 mm dia, Aluminium anodised post, 8-32 tap at one end & 1/4-20 tap at other end, length 40 mm
APNT50	12.7 mm dia, Aluminium anodised post, 8-32 tap at one end & 1/4-20 tap at other end, length 50 mm
APNT75	12.7 mm dia, Aluminium anodised post, 8-32 tap at one end & 1/4-20 tap at other end, length 75 mm
APNT100	12.7 mm dia, Aluminium anodised post, 8-32 tap at one end & 1/4-20 tap at other end, length 100 mm
APNT125	12.7 mm dia, Aluminium anodised post, 8-32 tap at one end & 1/4-20 tap at other end, length 125 mm
APNT150	12.7 mm dia, Aluminium anodised post, 8-32 tap at one end & 1/4-20 tap at other end, length 150 mm

PH Series Post Holders

Ø12.7 mm

PH series post holders have a square relief cut for stable three point line contact with post and post holder. Spring loaded plunger knob is provided with every post holder for smooth up and down movement and stable tightening at desired position.

We can fix post holder to an optical table, base plate or a pedestal adapter by using M6 mounting hole provided at the bottom of the post holder.

Aluminium alloy construction
Black anodized finish
M6 mounting hole
Suitable for 12mm diameter post

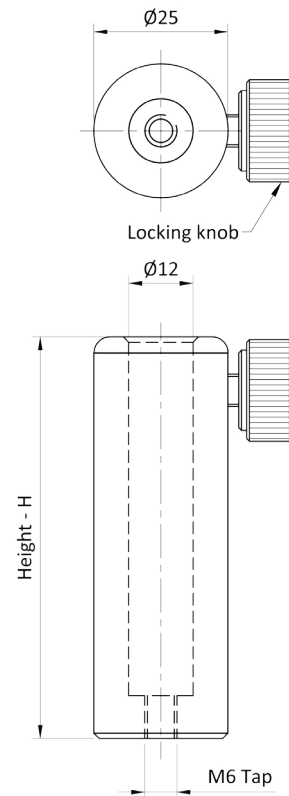


12.7 mm post holder Metric mounting hole

Model No	Length (mm)
PHN20	12.7 mm inner & 25 mm outer dia, aluminium black anodised, length 20 mm with M6 tap
PHN30	12.7 mm inner & 25 mm outer dia, aluminium black anodised, length 30 mm with M6 tap
PHN40	12.7 mm inner & 25 mm outer dia, aluminium black anodised, length 40 mm with M6 tap
PHN50	12.7 mm inner & 25 mm outer dia, aluminium black anodised, length 50 mm with M6 tap
PHN75	12.7 mm inner & 25 mm outer dia, aluminium black anodised, length 75 mm with M6 tap
PHN100	12.7 mm inner & 25 mm outer dia, aluminium black anodised, length 100 mm with M6 tap
PHN150	12.7 mm inner & 25 mm outer dia, aluminium black anodised, length 150 mm with M6 tap

12.7 mm post holder Imperial mounting hole

Model No	Length (mm)
PHNT20	12.7 mm inner & 25 mm outer dia, aluminium black anodised, length 20 mm with 1/4-20 tap
PHNT30	12.7 mm inner & 25 mm outer dia, aluminium black anodised, length 30 mm with 1/4-20 tap
PHNT40	12.7 mm inner & 25 mm outer dia, aluminium black anodised, length 40 mm with 1/4-20 tap
PHNT50	12.7 mm inner & 25 mm outer dia, aluminium black anodised, length 50 mm with 1/4-20 tap
PHNT75	12.7 mm inner & 25 mm outer dia, aluminium black anodised, length 75 mm with 1/4-20 tap
PHNT100	12.7 mm inner & 25 mm outer dia, aluminium black anodised, length 100 mm with 1/4-20 tap
PHNT150	12.7 mm inner & 25 mm outer dia, aluminium black anodised, length 150 mm with 1/4-20 tap



Pedestal Post Holder

PPH Series

PPedestal Post holders have stainless steel pedestal foot of thickness 5mm. The posts will sit down to minimum height compared to our regular post holders. A square relief cut is also provided for better clamping. One spring loaded plunger knob model: PGK-20 is fixed with every pedestal post holder. Pedestal post holders are made in aluminium alloy with black anodized finish.

Aluminium alloy construction

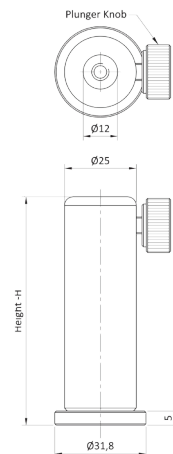
Pedestal foot made of SS

Black anodized finish

Through bore

Suitable for standard fork Model : PF-25

Model No	Length (mm)
PPHN-30	Pedestal post holder of 12.7 mm inner dia & 25 mm outer dia, Aluminium black anodised, Length 30 mm
PPHN-40	Pedestal post holder of 12.7 mm inner dia & 25 mm outer dia, Aluminium black anodised, Length 40 mm
PPHN-50	Pedestal post holder of 12.7 mm inner dia & 25 mm outer dia, Aluminium black anodised, Length 50 mm
PPHN-75	Pedestal post holder of 12.7 mm inner dia & 25 mm outer dia, Aluminium black anodised, Length 75 mm
PPHN-100	Pedestal post holder of 12.7 mm inner dia & 25 mm outer dia, Aluminium black anodised, Length 100 mm
PPHN-150	Pedestal post holder of 12.7 mm inner dia & 25 mm outer dia, Aluminium black anodised, Length 150 mm
PPHN-200	Pedestal post holder of 12.7 mm inner dia & 25 mm outer dia, Aluminium black anodised, Length 200 mm



Translating Post Holder

Ø12.7 mm

Translating Post Holders provide non rotating height adjustment by a knurled rotating thimble. Post holders accept 12.7mm diameter posts. Plunger Knob (model: PGK-20) is fixed with every Translating Post Holders. Translating post holders are made in aluminium alloy and given black anodized finish.

We can fix these given post holders to an optical table, base plate or a pedestal adapter by using M6 mounting hole provided at the bottom of the post holder.

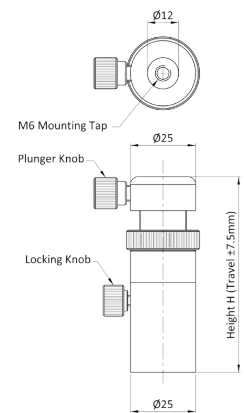
Height adjustment range: 15 mm

Spring loaded plunger knob for fine adjustments

Holds 12.7 mm diameter standard posts

Aluminium alloy

Black anodized finish



12.7 mm Translating post holder with metric mounting hole

Model No	Length (mm)
TPH-75N	Aluminium black anodised translating post holder for 12.7 mm dia post, Travel 15mm & Length 75mm with M6 tap
TPH-100N	Aluminium black anodised translating post holder for 12.7 mm dia post, Travel 15mm & Length 100mm with M6 tap
TPH-150N	Aluminium black anodised translating post holder for 12.7 mm dia post, Travel 15mm & Length 150mm with M6 tap



Black anodized finish
Compatible with Model: PF-25
STD fork

12.7 mm Translating post holder with imperial mounting hole

Model No	Length (mm)
TPH-75NT	Aluminium black anodised translating post holder for 12.7 mm dia post, Travel 15mm & Length 75mm with 1/4-20 tap
TPH-100NT	Aluminium black anodised translating post holder for 12.7 mm dia post, Travel 15mm & Length 100mm with 1/4-20 tap
TPH-150NT	Aluminium black anodised translating post holder for 12.7 mm dia post, Travel 15mm & Length 150mm with 1/4-20 tap

Plunger knobe

Model : PGK-20

Plunger knobe is a brass plunger, loaded with a suitable spring, inside M6 stud. This plunger knob prevents posts from sudden falling while loosening the knob for removing the post or adjusting height in an optical set up. Only one hand is required for any operation using post and post holder.

one set contains 10 nos.



Translating Pedestal Post Holder

Ø12.7 mm

TPPHN series Translating Pedestal Post holders have a stainless steel pedestal foot of 5 mm thickness. One spring loaded plunger knob (model: PGK-20) is fixed with every Translating Pedestal post holder. Translating Pedestal post holders are made in aluminium alloy and given black anodized finish.

Height adjustment range : 15 mm

Holds 12.7 mm diameter standard posts

Aluminium alloy

Black anodized finish



Model No	Length (mm)
TPPHN-75	Aluminium black anodised translating pedestal post holder for 12.7 mm dia post , travel 15 mm & length 75 mm
TPPHN-100	Aluminium black anodised translating pedestal post holder for 12.7 mm dia post , travel 15 mm & length 100 mm
TPPHN-150	Aluminium black anodised translating pedestal post holder for 12.7 mm dia post , travel 15 mm & length 150 mm

16 mm Post System

Post mounting system is a convenient device for holding various optical mounts in a breadboard based experimental setup. Height and angular position of mounted optics can be easily adjusted. The post system includes post, post holder, post holder base and post collar.

P16D Series Posts

16mm diameter posts are made in stainless steel and given precision ground finish. Both ends of the posts are provided with M6 tapped holes for mounting. A hole of 3.6 mm diameter is provided on the surface of the post for providing extra torque while tightening components on it. A 3.5 mm Allen key or a screwdriver less than 3.6 mm diameter can be used for tightening. For post holders to be used with P - 16 D series posts, please refer to PH 16D series post holders.

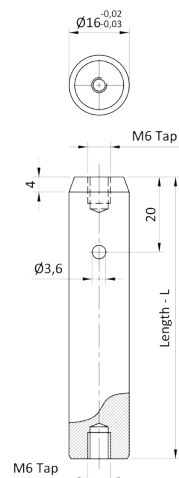
Stainless steel

Ground finish

One end chamfered for easy access

M6 threaded on both sides for mounting

Length ranges from 30 to 300mm



Model No	Length (mm)
P16D - 30	30
P16D - 50	50
P16D - 75	75
P16D - 100	100
P16D - 125	125
P16D - 150	150
P16D - 200	200
P16D - 250	250
P16D - 300	300

P16D-LE Series Posts

P16D - LE series stainless steel posts have precisely laser engraved scale in 1 mm division along their length.

Resolution of 1mm in scale
Engraved Scale for Accurate Height Adjustments
Stainless steel
Ground finish
One end chamfered for easy access
M6 threaded on both sides for mounting
Laser engraved scale

Model No	Length (mm)
P16D - 30	30
P16D - LE 50	50
P16D - LE 75	75
P16D - LE 100	100
P16D - LE 125	125
P16D - LE 150	150
P16D - LE 200	200
P16D - LE 250	250

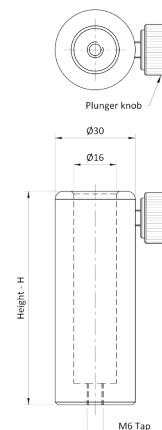
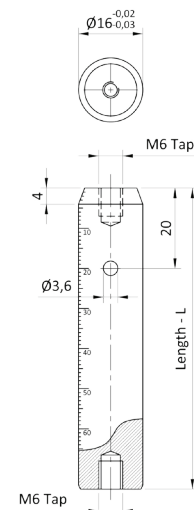
Item	Model No	Type of Thread	Thread Length (mm)	Minimum Order Qty.
Set - Screw	G M412	M4	12	25 Nos.
	G M612	M6	12	25 Nos.
Thread Adapter		M4 - M6	6+6	25 Nos.

Set Screw Sold Separately
Thread Adapter Sold Separately

PH-16D Series Post Holder

PH series post holders have a square relief cut for stable three point line contact with post and post holder. Spring loaded plunger knob is provided with every post holder for smooth up and down movement and stable tightening at desired position. We can fix post holder to an optical table , base plate or a pedestal adapter by using M6 mounting hole provided at the bottom of the post holder.

Suitable for 16mm diameter post
A variety of post heights Available
Aluminium alloy construction
Black anodized finish
M6 mounting hole
Suitable for 16 mm diameter post
Through bore



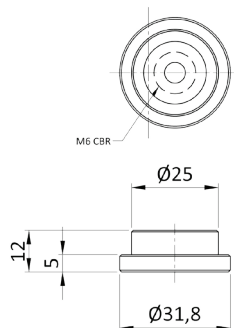
Model No	Length (mm)
PH - 16D - 30	30
PH - 16D - 40	40
PH - 16D - 50	50
PH - 16D - 75	75
PH - 16D - 100	100
PH - 16D - 150	150
PH - 16D - 200	200
PH - 16D - 250	250

Pedestal Adapter

Pedestal Adapter Model : PPA-PG-16D is used to convert our standard PH 16D series post holder to a pedestal post holder.

Stainless steel construction
Turned finish
M6 stud for mounting
Disc thickness 5 mm
Suitable for STD fork

Model No	PPA-PG-16D
	# For 1 set., contains 5 nos



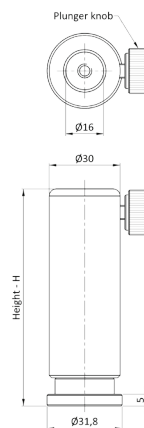
PPH Series Pedestal Post Holder

PPH - 16D series Post holders have a stainless steel pedestal foot of thickness 5 mm. The posts will sit down to minimum height compared to our regular PH - 16D series Post holders. A square relief cut is also provided for better clamping. One spring loaded plunger knob model : PGK-20 is fixed with every pedestal post holder. Pedestal post holders are made in aluminium alloy material with black anodized finish. Bottom of pedestal post holders is provided with a through bore of 16 mm diameter

Square relief cut
Through bore
5 mm thick pedestal foot
Plunger knob
Aluminium alloy construction
Black anodized finish
Suits P16D posts
Compatible with PF - 25 pedestal fork

Model No	Length (mm)
PPH-16D-30	30
PPH-16D-40	40
PPH-16D-50	50
PPH-16D-75	75
PPH-16D-100	100
PPH-16D-150	150
PPH-16D-200	100
PPH-16D-250	150

Plunger knob Model : PGK-20



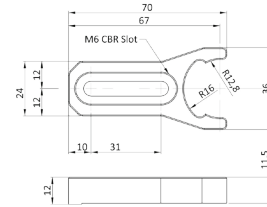
PF Series Pedestal Fork

Pedestal Fork , PF-25 is constructed in stainless steel. These forks can be used to fix pedestal post holder. Post holder with suitable pedestal adapter or pedestal post to a breadboard or optical table.

Open-slotted bases
Stainless Steel Construction
12mm Thick
M6 CBR Slot
Suitable for STD Pedestals
Machined finish

Model No

PF - 25



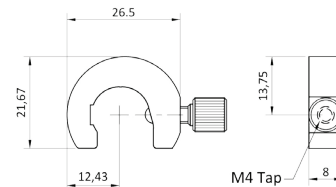
Post collar

PC - 16 Post collars are slip on type collars with M4 soft metal tipped knob. These are made of aluminium B51S alloy with black anodized finish. PC - 16 post collars are suitable for our 16 mm diameter posts. This can be inserted or removed easily by using access slots provided.

Open-ring design
Aluminium B51S alloy
Black anodized matte finish

Model No

PC - 16



Translating Post Holder Ø16 mm

TPH-16D series Translating Post Holders provide non rotating height adjustment by a knurled rotating thimble. Translating post holders accept 16mm diameter posts. Plunger Knob (model:PGK-20) is fixed with every translating post holder. These are made in aluminium alloy and given black anodized finish. These post holders can be fixed to an optical table, base plate or a pedestal adapter using M6 mounting hole provided at the bottom of the post holder.

Spring loaded plunger knob for fine adjustments
Height adjustment range: 15 mm
Holds 16 mm diameter standard posts
Aluminium alloy
Black anodized finish

Model No Length (mm)

TPH-16D-75 75

TPH-16D-100 100

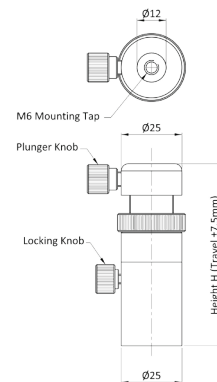
TPH-16D-150 150

TPH-16D-200 200

TPH-16D-250 250

Plunger knob

Model : PGK-20



Translating Pedestal Post Holder Ø16 mm

TPPH series Translating Pedestal Post holders have a stainless steel pedestal foot of 5mm thickness. One spring loaded plunger knob (model: PGK-20) is fixed with every Translating Pedestal post holder. Translating Pedestal post holders are made in aluminum alloy and given black anodized finish.

Height adjustment range : 15 mm
Holds 16 mm diameter standard posts
Aluminium alloy
Black anodized finish

Model No	Length (mm)
TPPH-16D-75	75
TPPH-16D-100	100
TPPH-16D-150	150
TPPH-16D-200	200

Plunger knob Model : PGK-20

Post Bases

Post bases are used to mount post holders anywhere on the breadboard irrespective of the position of tapped holes. These are available in various sizes compatible with standard post holders of 12mm and 16mm diameters.

Post base is used to mount a post holder anywhere on a breadboard irrespective of the position of tapped holes. These are made of aluminium alloy..

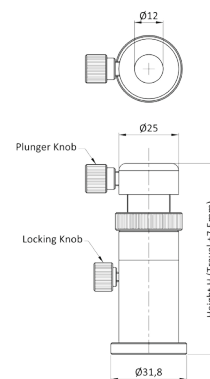
Aluminium alloy
Black matte finish
9mm thickness
M6 clearance slot
Button magnet (in Magnetized Post Bases)

Model No	Type	Suitable Post Series	Size (mm)
PB - 1850	C - Shaped	8 mm	18 x 50 x 9
PB - 1865	H - Shaped	8 mm	18 x 65 x 9
PB - 6525	U -Type	12 mm	65 x 25 x 9
PB - 7530	U -Type	12 & 16 mm	75 x 30 x 9
PB - 7525	H -Type	12 mm	75 x 25 x 9
PB - 9030	H -Type	12 & 16 mm	90 x 30 x 9
PB - 6550	Square-Type	12 & 16 mm	65 x 50 x 9

Magnetized Post Bases

Magnetized base plates have NdfB magnetic buttons at the base. Other specifications are the same as that of normal post bases.

Model No	Type	Suitable Post Series	Size (mm)
MPB - 1850	C - Shaped		18 x 50 x 9
MPB - 1865	H - Shaped		18 x 65 x 9
MPB - 6525	U -Type	12 mm	65 x 25 x 9
MPB - 7530	U -Type	12 & 16 mm	75 x 30 x 9
MPB - 7525	H -Type	12 mm	75 x 25 x 9
MPB - 9030	H -Type	12 & 16 mm	90 x 30 x 9
MPB - 6550	Square-Type	12 & 16 mm	65 x 50 x 9



Pedestal Bases

Pedestal Bases are of diameter 75mm, with standard M6 mounting hole at center for fixing posts or post holders. The thickness of the base is 15mm. Magnetic pedestal base (Model : IDBM-75) is having NdFeB permanent magnets while IDB75 model is without magnets.

Base thickness of 15 mm

Magnetic & Non Magnetic Version Available

IDB - 75

Non Magnetic Stainless Steel

M6 CBR Mounting Hole

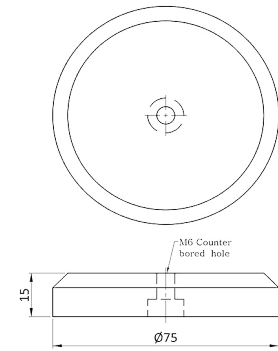
IDBM - 75

Aluminium Alloy

NdFeB Magnets

M6 CBR Mounting Hole

Model No	Size (mm)	Type
IDB - 75	Dia - 75 x 15	Without magnets
IDBM - 75	Dia - 75 x 15	NdfeB permanent magnets



Switchable Magnetic Post Bases

These bases come with a switchable magnet for ease of positioning of optical components. To ensure stability, bottom mounting surface is given ground finish.

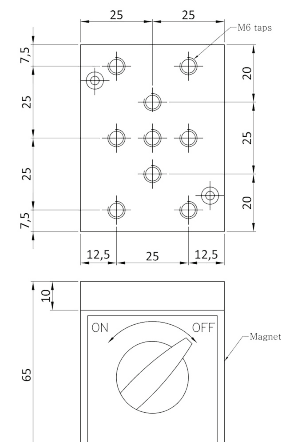
On / Off hand switch

Ideal for mounting optics on Breadboards / Tabletops

- Aluminium platform
- 10 kgs. of magnetic clamping force
- Machined finish
- M6 tapped holes on 25 mm grid
- 65 x 50 mm mounting area

Model No

MB - 50



Radial Slotted Base Plate

Radial slotted post base helps to fix a post or a post holder at a convenient horizontal angle on the breadboard. It is compatible with our standard 12mm and 16mm series post holders.

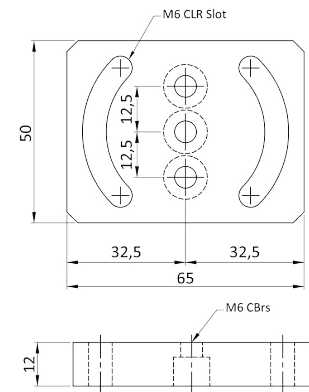
Magnetized base plates have NdFeB magnetic buttons at the base. Specifications are the same as that of normal non magnetic model.

Rotational Adjustments

Magnetic & Non Magnetic Version Available

- Aluminium alloy
- Black anodized matte finish
- M6 clearance slots
- M6 C'bored holes
- Button magnet (in Magnetized Radial Slotted Base Plate)

Model No	Type	Suitable Post Series	Size (mm)
PBS - 6565	Square	12 mm	65 x 50 x 12
MPBS - 6565	Square (Magnetized)	12 & 16 mm	65 x 50 x 12



Swivel Post Base

This is a 360 degree rotatable post base compatible with our standard 12mm and 16mm diameter post holders. Swivel post base is suitable for spatially restricted optical setups. We can directly mount post, post holder or a pillar post by M6 x 12mm SHC screw on this swivel post base.

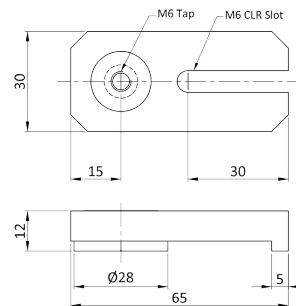
360° rotation about an axis

Easy mounting on Breadboards / Tabletops

- Aluminium alloy
- Black anodized finish
- 12 mm thickness
- 360 degree rotatable
- M6 clearance slot
- M6 C'bored hole

Model No

PB - SW - 30



XY Post Base

XY Post bases are suitable for our standard 12mm and 16mm diameter post systems. These post bases can be adjusted through 25mm in XY direction. We can easily fix post holder using an M6 x 12 SHC screw.

XY post base with magnetic button to position on optical tables/ breadboards are also available.

Aluminium alloy

Black anodized finish

16.5mm thickness

M6 clearance slot

M6 & M4 C'bored hole

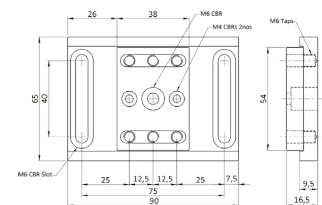
Button magnet (in Magnetic XY Post Base)

Model No

Size (mm)

PB - XY - 50 90 x 65

MPB - XY - 50 90 x 65



Post Clamps

Holmarc offers a variety of designs of post clamps which are compatible with standard 8mm, 12mm and 16mm posts. These clamps provide a wide array of applications such as mounting of posts to each other, or directly to optical mounts, at various angles. It comprises locking knobs/ screws which securely attach the clamp to the posts.

Right Angle Post Clamp

This is a 360° rotatable post clamp compatible with our posts. It is suitable for spatially restricted optical setup.

Versatile Design Clamps

Compatible with PH, PH-8D & PH-16D series post holders

- Aluminium alloy
- Black anodized finish
- M6 locking knobs

Right angle post clamp

Model No	Diameter of post
RAC - 8	8
RAC - 12	12
RAC - 16	16

Right angle reducer clamp

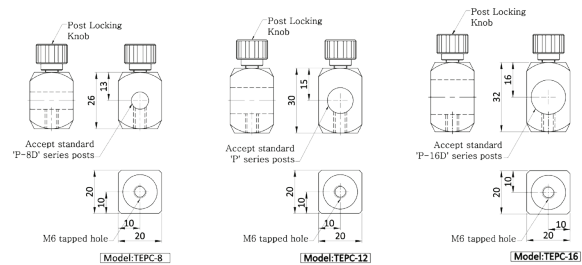
Model No	Diameter of post
RACR16 - 12	16 to 12



Top End Right Angle Post Clamp

Top end post clamp can be used for clamping 8 mm, 12 mm or 16 mm diameter posts at right angle to each other to achieve 'T' joint.

- Aluminium alloy
- Black anodized finish
- M6 tapped hole at bottom
- M6 locking knobs



Model No	Diameter of post
TEPC - 8	8
TEPC - 12	12
TEPC - 16	16



Swivel Post Clamp

Swivel post clamps can be used to achieve three degrees of freedom for post mounted components. There are models suitable for 8mm, 12 mm & 16mm diameter standard posts.

- Aluminium alloy
- Black anodized finish
- M6 tapped hole at bottom
- M6 locking knobs

Model No	Diameter of post
SWPC - 8	8
SWPC - 12	12
SWPC - 16	16

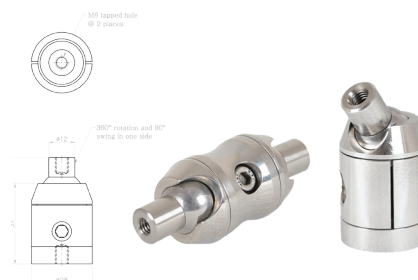


Ball and Socket Clamp

This clamp provides 360° rotation about its axis and swings 90° to the side. The device can be locked at any desired position. Optical mounts, posts, post holders etc. can be mounted on it.

Stainless steel
Machined finish
M6 tapped hole at bottom
Single lock screws

Model No	Type
BSPC - 12	Dual ball design
FAPC-12	Single ball design



Slotted Plates

SLP-25 model slotted plate is suitable for standard optic mounts with M6 mounting holes. They have M6 CBR slots from bottom.

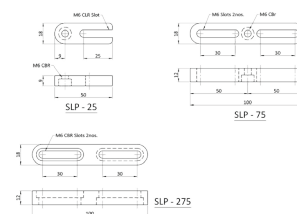
SLP-75 model slotted plate has two M6 slots and one M6 C'bored hole suitable for our standard post with M6 mounting hole. This slotted plate helps to arrange a twin mirror set up or a custom small optical bench within a restricted space.

SLP-275 model comes with two M6 CBR slots opposite to each other. We can use this when the optical path is far from the mounting holes.

3 Varieties of mounting slots
Easy mounting on Breadboards / Tabletops

- Aluminium alloy
- Black anodized finish
- M6 CBR hole for mounting

Model No	Size (mm)	Type
SLP - 25	50 x 18 x 9	Single M6 slot with M6 CBR hole
SLP - 75	100 x 18 x 12	Two M6 slots with M6 CBR hole
SLP - 275	100 x 18 x 12	Two M6 CBR slots



Opto Mechanical Kit

12mm Post System

OMK-01 Kit contains all commonly used posts, post bases, post collars, post clamps, table clamps etc. OMK-01 contains 185 components. This kit provides more flexibility while you are setting up an optical set up due to the variety of components in a single package.



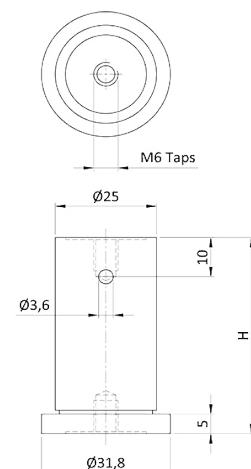
Model No	Description	Qty
P - 30	12 mm dia post - 30 mm long	10
P - 40	12 mm dia post - 40 mm long	10
P - 50	12 mm dia post - 50 mm long	10
P - 75	12 mm dia post - 75 mm long	10
P - 100	12 mm dia post - 100 mm long	10
P - 150	12 mm dia post - 150 mm long	5
PH - 30	Post holder for 12 mm dia post - 30 mm long	10
PH - 50	Post holder for 12 mm dia post - 50 mm long	10
PH - 75	Post holder for 12 mm dia post - 75 mm long	10
PH - 100	Post holder for 12 mm dia post - 100 mm long	10
PH - 150	Post holder for 12 mm dia post - 150 mm long	5
PB - 6525	Post base	10
PB - 7525	Post base	10
PB - 6550	Post base	10
RAC - 12	Right Angle Post Clamp	10
SWPC - 12	Swivel Type Post Clamp	5
L - TC - 50	L Shaped Table Clamp	10
PC - 12	Post collar	15
PPA - PG - 12D	Pedestal Adapter for PH Series Post holder	5
PF - 25	Pedestal fork for PKG 20 Pedestal Adapter	10

Pedestal System

Pedestal Post

Pedestal posts are of 25mm diameter with precision ground finish. Both ends of the pedestal post are tapped suitable for M6 screws. A 3.6mm diameter hole is provided on the surface of the post for providing extra torque while tightening components on it. We can use 3.5mm allen key or a screwdriver with less than 3.6mm diameter for tightening. Pedestal fork PF 25 is suitable for pedestal posts.

- Stainless steel
- Compatible fork, PF-25
- M6 mounting holes



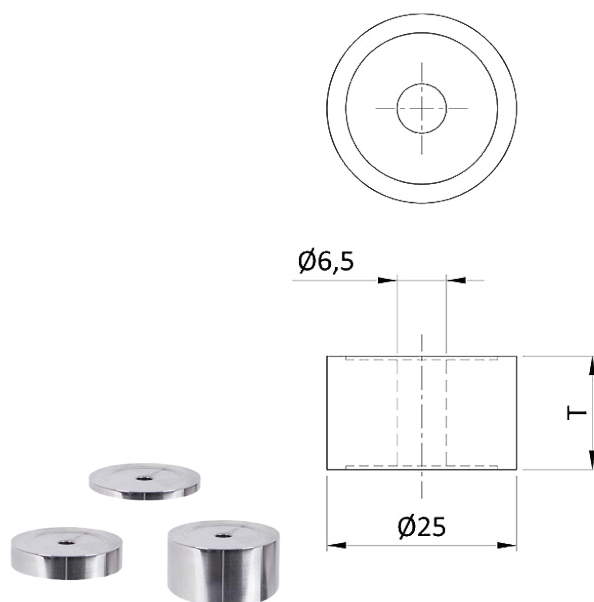
Model No	Height (mm)
PP - 5	5
PP - 10	10
PP - 12	12
PP - 20	20
PP - 25	25
PP - 50	50
PP - 75	75
PP - 100	100

Pedestal Shims

Pedestal shims are used to maintain desired height of an optical set up while using pedestal system. Construction material is stainless steel. M6 tapped holes are provided for PS-25 and PS-20. A 6.5 mm clear hole is provided on other models for M6 set-screw.

- Stainless steel
- Compatible fork, PF-25
- \M6 mounting holes

Model No	Thickness (mm)	Min. Order Qty
PS - 0.1	0.1	25
PS - 0.2	0.2	25
PS - 0.5	0.5	25
PS - 1	1	15
PS - 1.5	1.5	15
PS - 2	2	15
PS - 5	5	5
PS - 10	10	1
PS - 20	20	1
PS - 25	25	1



Provides Stable mounting

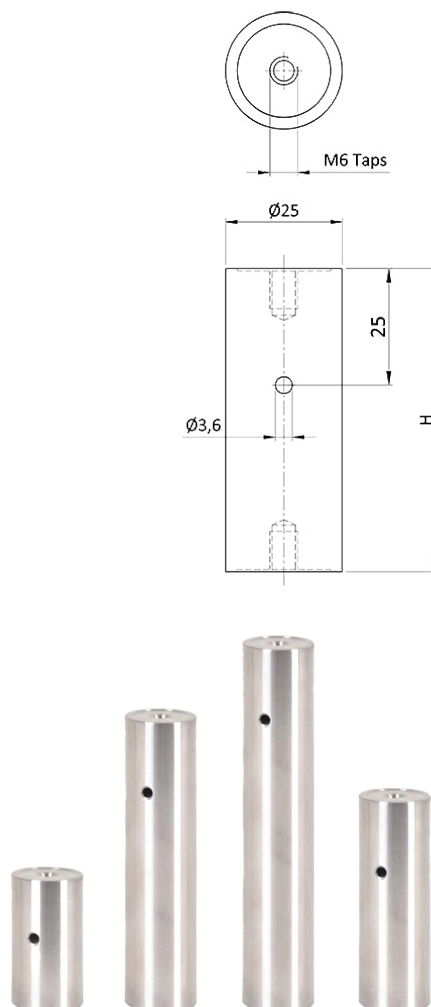
Ideal to increment heights for pedestal system

Pillar Post

PLP series stainless steel pillar posts are designed to construct rigid structures in various heights. Diameter of the pillar post is 25mm with precision ground finish. Both ends of the pillar post are tapped suitable for M6 screw. A 3.6mm diameter hole is provided on the surface of the post for providing extra torque while tightening components on it. We can use 3.5mm allen key or a screwdriver with less than 3.6mm diameter for tightening. By using pedestal adapter PPA-PG-12D and pedestal fork PF 25 we can fix the pillar post to the base plate. Pedestal shims can be used to raise height with 0.1mm increment while setting up optical experiments.

- Stainless steel
- Compatible with PPA-PG-12D adapter
- Compatible fork, PF-25
- M6 Mounting holes
- Compatible with shims

Model No	Height (mm)
PLP - 30	30
PLP - 38	38
PLP - 50	50
PLP - 75	75
PLP - 100	100
PLP - 150	150
PLP - 200	200
PLP - 250	250
PLP - 300	300
PLP - 500	500



Pillar Post Holder

PLPH series pillar post holders are compatible with PLP series pillar posts. We can fix these post holders to optical table, post base or pedestal adapter with fork using M6 tapped hole at the bottom of post holder.

- Aluminium alloy construction
- 38 mm Diameter
- Post tighten by M6 metal screw knob from three sides
- M6 Mounting Hole
- Compatible with PP-38 Adapter and PF-38 Fork

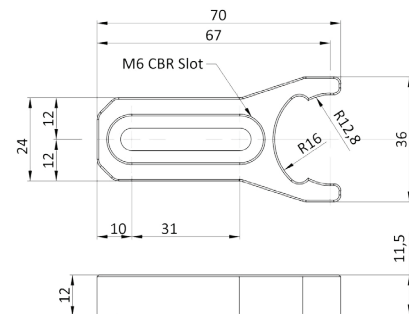
Model No	Suitable post series
PLPPH - 38	38
PLPPH - 50	50
PLPPH - 75	75
PLPPH - 100	100
PLPPH - 150	150



PF Series Pedestal Fork

Pedestal Fork , PF-25 is constructed in stainless steel. These forks can be used to fix pedestal post holder. Post holder with suitable pedestal adapter or pedestal post to a breadboard or optical table.

- Stainless Steel Construction
- 12mm Thick
- M6 CBR Slot
- Suitable for STD Pedestals
- Machined finish



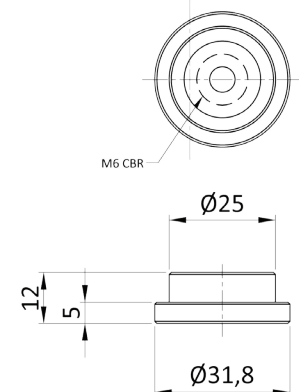
Model No
PF - 25

Pedestal Adapter

Pedestal Adapter Model : PPA-PG-16D is used to convert our standard PH 16D series post holder to a pedestal post holder.

- Stainless steel construction
- Turned finish
- M6 stud for mounting
- Disc thickness 5 mm
- Suitable for STD fork

Model No	Minimum Order Qty
PPA-PG-16D	5 Nos. (1 set)

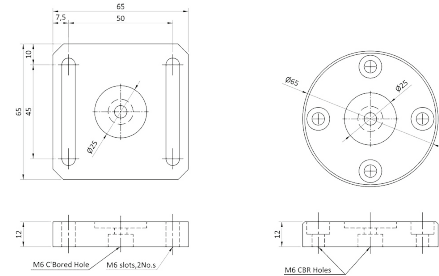


Pillar Post Base

Pillar post bases are made of aluminium with black anodized finish. They are suitable for fixing pillar posts to a metric breadboard.

- 12 mm height
- M6 clearance slots
- M6 C'bored hole

Model No	Size	Type
MB - 50	65 x 50 mm	Magnetic
PLP - SQ	65 x 65 mm	Square - small
PLP - R	Dia - 65 mm	Circular - small



Easy mounting on
Breadboards / Tabletops

3 Varieties Available
– Magnetic, Square &
Circular

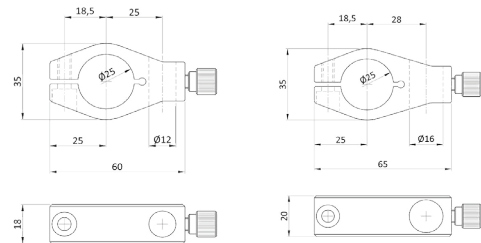


Right Angle Post Clamp

Two types of RAC series, right angle post clamps are available. Model no: RAC-2512 is suitable for 12mm posts and Model no. RAC-2516 is suitable for 16mm posts.

- Aluminum alloy
- Black anodized finish
- Suitable for 12mm or 16mm post series

Model No	Suitable post series
RAC - 2512	12 mm
RAC - 2516	16 mm
RAC - 2525	25 mm (PLP series)



Available in two different

Compatible with PH, PH-8D &
PH-16D series post holders



Pedestal Post Clamp-Rotatable

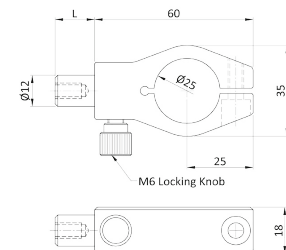
PLC-25 model Pedestal post clamp is suitable for PLP pillar posts or pedestal posts. Optic mounts can be held by the rotatable rod provided on it and locked by M6 knob.

Aluminum alloy
Black anodized finish
Rotatable M6 / M4 threaded post
M6 Rotation locking knob

Model No	Thread
PLC - 25	M6



360° Rotation with locking
knob
Suitable for PLP & PP Series

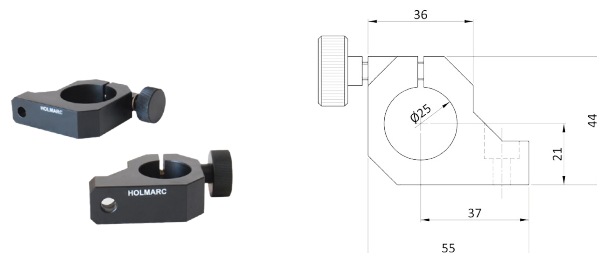


Pedestal Post Clamp

Pedestal post clamps are designed to be used with pedestal posts. It can be clamped anywhere on the post for mounting other components.

Aluminum alloy
Black anodized finish
M6 locking knob

Model No
PPC - 25



Includes Locking Knob for
Easy mounting
Securely Attach the optics
Mounts to Pedestal Posts



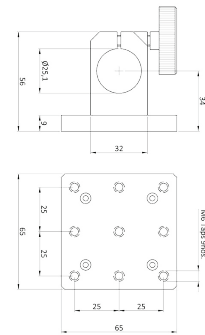
Pillar Post Clamp

Model No:LPC-1 pillar post clamp, made in aluminium with black anodized finish, can be used for building rigid elevated structures or for fixing a component or sub-assembly at a height. The inside diameter of the clamp is suitable for pillar post or pedestal post. M6 and M4 tapped holes are provided on the front surface for fixing Holmarc's standard components directly.

Model No
LPC - 1



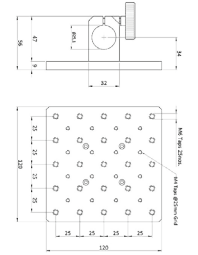
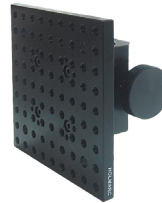
Mounting Area : 65 x 65 mm
Locking knob for fixing clamp to a post



Large Post Clamp Plates

Large post clamp plate is suitable for 25 mm post series. Construction material of large post clamp is aluminium with black anodized finish. M6 tapped holes are provided on the surface for mounting optical components.

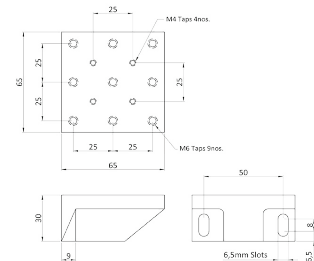
Model No
LPC - 2



Post Clamp Bracket

Post Clamp Bracket is suitable for mounting commoners or subassemblies in a horizontal plane. This bracket is suitable for both LPC - 1 and LPC - 2 model pillar post clamps. The mounting area is 65 x 65 mm.

Model No
PCB - 65



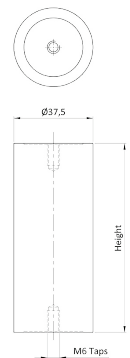
Heavy Duty Post System

Damped Heavy Duty Post

Damped heavy duty posts are used for building elevated structures & elevated platforms to fix optomechanical mounts, tube lasers with suitable laser mounts etc. Most of the opto-mechanical mounts are provided with mounting holes for fixing it to the clamps of this post system. The diameter of the post is 37.5mm and tolerances are kept within 0.1mm. Damped heavy duty posts are made from machined and ground stainless steel pipes filled with semi-solid epoxy. This design makes them light weight, still rigid and sturdy. Epoxy filling damps vibrations. M6 tapped holes are provided for mounting purpose.

Stainless steel
Ground finish at ends
M6 tapped holes

Model No	Description
HDP - 150	150
HDP - 200	200
HDP - 250	250
HDP - 300	300
HDP - 350	350
HDP - 400	400
HDP - 500	500
HDP - 600	600



Post Spacer

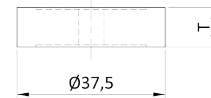
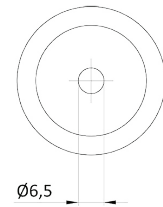
Post spacers are designed to act as shims / spacers while assembling heavy duty posts to adjust height with resolution of 0.1 mm. These spacers are made in stainless steel with ground finish at ends. M6 tapped holes are provided for HDPS - 20, HDPS - 25 and HDPS - 50 while other models are drilled with 6.5mm clear hole for M6 set-screw.

Provides Stable mounting

Ideal to increment heights for Heavy Duty Posts

- Stainless steel
- Ground finish at ends
- M6 tapped holes

Model No	Height	Min. Order Qty	Diameter (D)
HDPS - 0.1	0.1	100	6.5 mm
HDPS - 0.2	0.2	100	6.5 mm
HDPS - 0.5	0.5	25	6.5 mm
HDPS - 1	1	15	6.5 mm
HDPS - 1.5	1.5	15	6.5 mm
HDPS - 2	2	15	6.5 mm
HDPS - 5	5	5	6.5 mm
HDPS - 10	10	1	6.5 mm
HDPS - 20	20	1	M6 tap
HDPS - 25	25	1	Both Ends
HDPS - 50	50	50	Depth - 6 mm



Heavy Duty Post Base

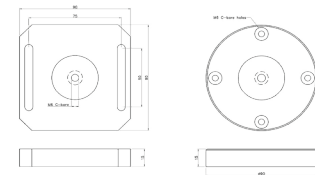
Heavy duty post bases are made of aluminium with black anodized finish. These are suitable for fixing heavy duty posts to a metric breadboard.

Easy mounting on Breadboards / Tabletops

Different Types Available – Magnetic, Square & Circular

- 15 mm height
- M6 clearance slots
- M6 C'bored hole

Model No	Size	Type
MB - 50	65 x 50 mm	Magnetic
HD - SQ	65 x 65 mm	Square - Small
HD - R	Dia - 65 mm	Circular - Small
HD - SQ90	90 x 90 mm	Square - Big
HD - R90	Dia - 90 mm	Circular - Big



Mounting Clamp

Model : C-HDP

These are used along with heavy duty posts for achieving a vertical mounting surface. For model C-HDP mounting surface is 65 x 65 mm. M6 and M4 tapped holes are provided on 25 mm grid on surface.

Aluminum alloy

Black anodized finish

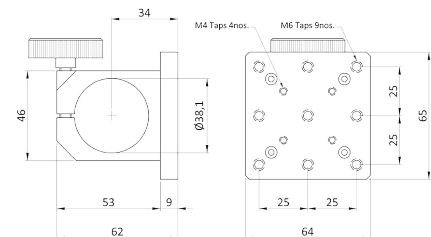
Suitable for Heavy duty posts

Accessories

Right Angle Bracket

Model No

ABC-65



Large Mounting Clamp

Model : EL-HDP-C

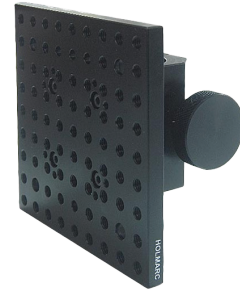
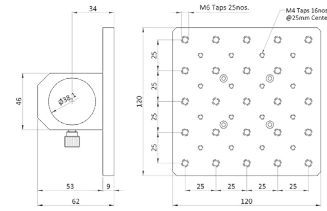
These are used when a large mounting surface is required on heavy duty posts. Size of large mount clamp is 120 x 120mm. M6 mounting holes are provided on the surface. Construction material is aluminium with black anodized finish.

Aluminum alloy
Black anodized finish
Suitable for Heavy duty posts

Accessories
Right Angle Bracket

Model No
ABC-120

This is suitable for mounting components in horizontal direction. Construction material is aluminium with black anodized finish.

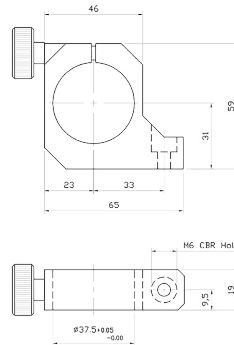


Compact Post Clamp

This post clamp is useful to attach an optical mount (mirror mount or laser mount) to a heavyduty post. The optical mount can be fixed at various angles using knurled clamping knob.

Includes Locking Knob for Easy mounting
Securely Attach the optics Mounts to Heavy duty Post

Aluminum alloy
Black anodized finish
M6 mounting holes



Model No
CT - HDPC

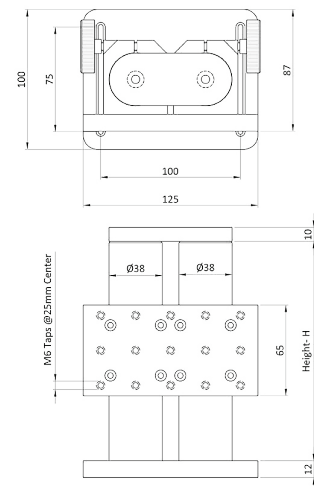
Dual Rod System

This post clamp is useful to attach an optical mount (mirror mount or laser mount) to a heavyduty post. The optical mount can be fixed at various angles using knurled clamping knob.

Mounting Plate with Dual Locks
Up and down orientations for Mounting Plate

Aluminum alloy
Black anodized finish
M6 mounting holes

Model No	Description	Height (mm)	Load Capacity
DRS - 300	Dual rod system	325	25 Kg
DRS - 500	with single	525	25 Kg
DRS - 800	sliding clamp	825	25 Kg
DRS - 1000		1025	25 Kg
C-DRS	Additional Clamp	65 x 125	
LC-DRS	Large Clamp	125 x 125	
AB-DRS	Horizontal Platform	125 x 125	



C & V type clamps

C - Type Clamps

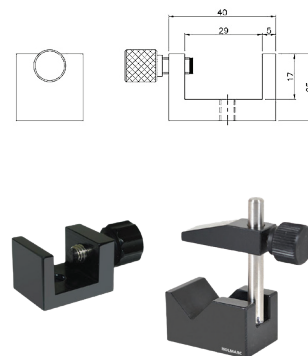
C - Type clamps can be used for holding rectangular or cylindrical objects rigidly. The objects are held in position by adjustable screws.

Specifications

Hold objects rigidly

Easy mounting on Breadboards / Tabletops

Model No	D	L	W	H
C - TC - 12	12 mm	25 mm	19 mm	17 mm
C - TC - 25	26 mm	40 mm	25 mm	25 mm
C - TC - 50	51 mm	70 mm	50 mm	33 mm



V - Type Clamps

V-Type clamps can be used for holding rectangular or cylindrical objects rigidly. There are three basic models to suit various object sizes.

Model No	D	L	W	H
V - TC - 12	12 mm	25 mm	19 mm	17 mm
V - TC - 25	26 mm	40 mm	25 mm	25 mm
V - TC - 50	51 mm	70 mm	50 mm	33 mm

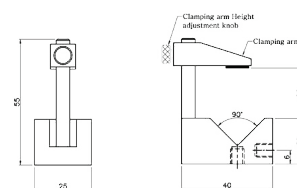


Table Clamps

Compatible with Post Bases

Varieties of mounting slots

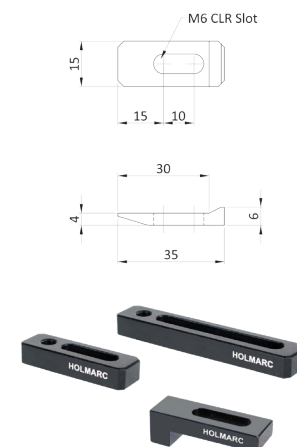
Aluminium alloy

Black anodized finish

M6 mounting holes

We can relaunch a base mounted system on an optical set up using a set of table clamps. Stages or components without mounting holes can as well be fixed using these table clamps.

Model No	Size (mm)	Type
TC - 35	35 x 15 x 6	Small Type
TC - 50	50 x 15 x 9	Slotted
TC - 75	75 x 15 x 9	Slotted
L - TC - 50	50 x 15 x 16	L Shaped



Tools & Accessories

Adapters are used to connect different types of threads together. Holmarc range of thread adapters offers several options for connecting between M4, M6, 8-32, and 1/4"-20 thread sizes. Made from stainless steel they are strong and convenient for use in mounts, posts and post holders. They are available in sets of 10 each. They provide conversion between English and Metric standards.

Metric - English Thread Adapters

M6 Male 1/4-20 Male

Model No
META6M25



M6 Male 8-32 Male

Model No
META6M15



Model No
META4M15

M6 Male 8-32 Male

Model No
META4M15



M4 Male 8-32 Female

Model No
META4F15



1/4-20 Female

Model No
META4F25

1/4-20 Female

Model No
META6F25



M6 Male 8-32 Female

Model No
META6F15



English - Metric Thread Adapters

(One set contains 10 numbers.)

1/4-20 Male M6 Female

Model No
EMTA25F6



8-32 Male M6 Female

Model No
EMTA15F6



1/4-20 Male M4 Female

Model No
EMTA25F4



8-32 Male M4 Female

Model No
EMTA15F4



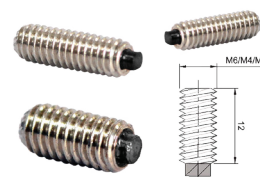
Set Screws

These are used to safely clamp components and optics without damaging the clamping area.

Nylon tipped set-screws

Metric Set - Screws (One set contains 10 numbers.)

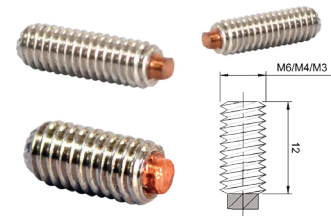
Model No	Length
SM3L8	8 mm
SM3L12	12 mm
SM3L14	14 mm
SM3L18	18 mm
SM3L22	22 mm
SM3L27	27 mm
SM3L32	32 mm
SM4L8	8 mm
SM4L12	12 mm
SM4L14	14 mm
SM4L18	18 mm
SM4L22	22 mm
SM4L27	27 mm
SM4L32	32 mm
SM6L8	8 mm
SM6L12	12 mm
SM6L14	14 mm
SM6L18	18 mm
SM6L22	22 mm
SM6L27	27 mm
SM6L32	32 mm



Copper tipped set-screws

Metric Set - Screws (One set contains 10 numbers.)

Model No	Length
BSM3L6	6 mm
BSM3L8	8 mm
BSM3L12	12 mm
BSM3L14	14 mm
BSM3L18	18 mm
BSM3L22	22 mm
BSM3L27	27 mm
BSM4L6	6 mm
BSM4L8	8 mm
BSM4L12	12 mm
BSM4L14	14 mm
BSM4L18	18 mm
BSM4L22	22 mm
BSM4L27	27 mm
BSM6L8	8 mm
BSM6L12	12 mm
BSM6L14	14 mm
BSM6L18	18 mm
BSM6L22	22 mm
BSM6L27	27 mm



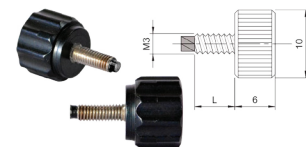
Thumb Screws

Nylon tipped thumb screws are used in Optics; mirrors, lens, prisms etc. and Copper tipped thumb screws are used to safely clamp components made in stainless steel or steel. Both tip is used to ensure firm clamping without damage.

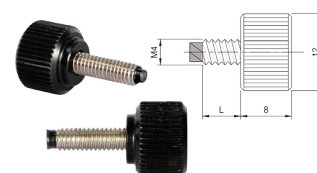
Nylon tipped thumb screws

Metric Thread Adapters (One set contains 10 numbers.)

Model No	Length
TM3L6	6 mm
TM3L8	8 mm
TM3L12	12 mm
TM3L14	14 mm
TM3L18	18 mm
TM3L22	22 mm



Model No	Length
TM4L6	6 mm
TM4L8	8 mm
TM4L12	12 mm
TM4L14	14 mm
TM4L18	18 mm
TM4L22	22 mm

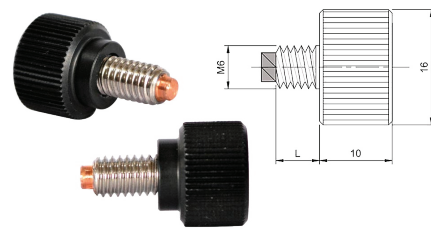
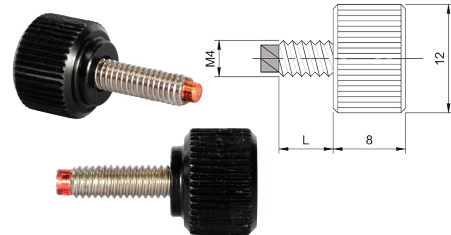
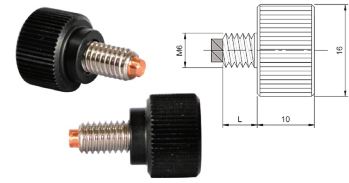


Model No	Length
TM6L6	6 mm
TM6L8	8 mm
TM6L12	12 mm
TM6L14	14 mm
TM6L18	18 mm
TM6L22	22 mm

Copper tipped thumb screws

Model No	Length
BTM4L6	6 mm
BTM4L8	8 mm
BTM4L12	12 mm
BTM4L14	14 mm
BTM4L18	18 mm
BTM4L22	22 mm
BTM4L27	18 mm

Model No	Length
BTM6L6	6 mm
BTM6L8	8 mm
BTM6L12	12 mm
BTM6L14	14 mm
BTM6L18	18 mm
BTM6L22	22 mm
BTM6L27	18 mm



SHC Screws

Metric Socket Cap Screws

(One set contains 25 numbers.)

Model No	Length
M3SHC6	6 mm
M3SHC10	10 mm
M3SHC12	12 mm
M3SHC16	16 mm
M3SHC20	20 mm
M3SHC25	25 mm

Model No	Length
M4SHC6	6 mm
M4SHC10	10 mm
M4SHC12	12 mm
M4SHC16	16 mm
M4SHC20	20 mm
M4SHC25	25 mm

Model No	Length
M6SHC6	6 mm
M6SHC10	10 mm
M6SHC12	12 mm
M6SHC16	16 mm
M6SHC20	20 mm
M6SHC25	25 mm



Allen key for M6, M4, M3, MCS, SCH screws. (One set contains 1 no each)

Metric Set Screws

(One set contains 25 numbers.)

Model No	Length
M3SCGB6	6 mm
M3SCGB10	10 mm
M3SCGB12	12 mm
M3SCGB16	16 mm
M3SCGB20	20 mm

Model No	Length
M4SCGB6	6 mm
M4SCGB10	10 mm
M4SCGB12	12 mm
M4SCGB16	16 mm
M4SCGB20	20 mm

Model No	Length
M6SCGB6	6 mm
M6SCGB10	10 mm
M6SCGB12	12 mm
M6SCGB16	16 mm
M6SCGB20	20 mm

Metric Allen Key, Washers & Nut

It ems	Metric Allen Key	Washers	Nuts
M6	MAKF2	M6W	M6N
M4	MAKF2	M4W	M4N
M3	MAKF2	M3W	M3N



All in One Screw kit

Items	Description
M6 SHC	Length 6, 10, 12, 16, 20, 25 (25 Numbers)
M4 SHC	Length 6, 10, 12, 16, 20, 25 (25 Numbers)
M3 SHC	Length 6, 10, 12, 16, 20, 25 (25 Numbers)
M6 Set Screw	Length 6, 10, 12, 16, 20, 25 (25 Numbers)
M4 Set Screw	Length 6, 10, 12, 16, 20, 25 (25 Numbers)
M3 Set Screw	Length 6, 10, 12, 16, 20, 25 (25 Numbers)
M6 Nut	25 Numbers
M6 Washer	25 Numbers
M4 Nut	25 Numbers
M4 Washer	25 Numbers
M3 Nut	25 Numbers
M3 Washer	25 Numbers
Allen Key Set	1 No.





Designed @ HOLMARC Design LAB
Cochin, May 2025



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