## **Laser Mount**

## **LM** series Laser Mount

Laser machinery system widely used in the aerospace, aviation, navigation, automobile, electronics, machinery and other industries, especially in the cutting, welding, machining and marking etc.

There are many kinds of equipment, such as laser marking machine, laser cutting machine, laser welding machine, laser marking machine, laser drilling machine, laser resistance adjusting machine and so on. It is widely used in the preparation and processing of cloth, wood, glass, various metals and other non-metallic industries. The stability of laser machinery system often determines the production efficiency and quality. The laser mount products of Zolix are specially designed for high-end products.

#### Typical Nd:YAG laser based laser machinery system picture as below:

LM series features:

- Well designed point-line-surface structure for better stability
- Fine thread for adjustment, high sensitivity, good locking mechanics, high stability
- Four-pulling spring enhances the pulling force and makes the distribution of the pulling force more
- Same optical height makes the tuning more easy
- Surface treated by black anodic oxidation
- Well designed locking units for endure harsh transport conditions



LM20-2 Front/Rare Mirror Kinematic Mount



LM20-2B Front/Rare Mirror Kinematic Mount LM20-PH-XY Iris Diaphragm Kinematic Mount with dust cover





LM20-2-Q Q-switch Kinematic Mount



LM20-4-LBE 4 axis Laser Beam Expander Kinematic Mount



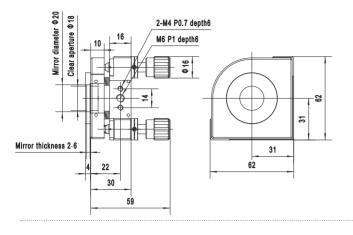
LM20-4-LD 4 axis Red Guiding Laser Kinematic Mount

#### LM20-2 Front/Rare Mirror Kinematic Mount

#### **Specifications:**

Optics size: \$\phi\$20mm, Clear Aperture: \$\phi\$18mm,

Adjustment Angle Range: ±3°

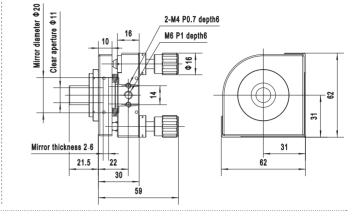


# LLM20-2B Front/Rare Mirror Kinematic Mount with dust cover Specifications:

Optics Size: 20mm Dlameter;

dust cover inner diameter 12mm;

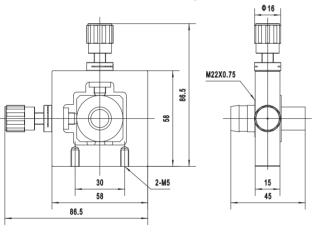
Clear Aperture 11 mm; Adjustment Angle Range +/-3°;



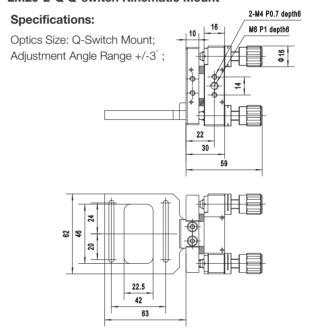
#### LM20-PH-XY pinhole aperture mount

#### Specifications:

Mounting Hole: 20mm Dlameter; XY Adjustment Range +/- 2mm; Clear Aperture Depends on Iris Diaphragm;



#### LM20-2-Q Q-switch Kinematic Mount

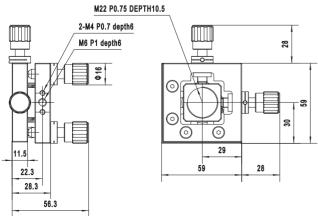


## LM20-4-LBE 4 axis Laser Beam ExpanderKinematic Mount

### Specifications:

Mounting Hole: M22×0.75;

XY Adjustment Range +/- 2mm; Adjustment Angle Range +/-3°;



## LM20-4-LD 4 axis Red Guiding Laser Kinematic Mount

#### **Specifications:**

Mounting Hole: 12mm dia length>=20mm;

XY Adjustment Range +/- 2mm; Adjustment Angle Range +/-3°;;

