



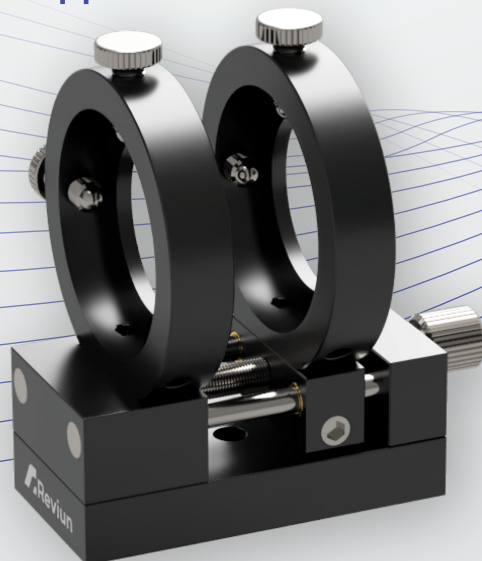
**OUR BEST SOLUTION TO PROVIDE SEAMLESS INTEGRATION OF SPATIAL FILTER, FIBER OPTICS AND PINHOLE SYSTEM.**



# **SPATIAL FILTER-PINHOLE SLIDING MOUNT**

# REVIUN SPATIAL FILTER - PINHOLE MOUNT

Introducing our exceptional Spatial Filter/Pinhole Sliding Mount, specifically designed to simplify the integration of fiber optic and pinhole systems. This adjustable sliding mount offers unmatched versatility and precise control over your optical setup. With its  $\pm 1.5\text{mm}$  thumb screw driven X-Y translation, you can achieve fine resolutions and easily position your optics. The objective mount provides convenient 10mm Z-axis translation, accommodating a variety of DIN and JIS standard objectives. Constructed with high-quality black anodized aluminum, this spatial filter ensures durability and stability for long-lasting performance. Designed for pinhole optics, it seamlessly integrates with M6 x 1.0 compatible posts. The thumb screw drive (XY) delivers smooth and accurate adjustments, allowing for effortless alignment. With a generous linear travel of  $\pm 1.5\text{mm}$  (XY) and  $\pm 3\text{mm}$  (Z), you have ample range for precise positioning. Enjoy exceptional linear travel resolution of  $2.5\mu\text{m}$  (XY), ensuring meticulous control over your optical system. Elevate your optical integration with our cutting-edge Metric Spatial Filter, offering unparalleled versatility, durability, and precision for your applications.



# SPECIFICATIONS

**OPTIC DIAMETER (mm)** - 28 to 24

**OPTIC TYPE** - Circular

**MINIMUM OPTIC THICKNESS (mm)** - 6.00

**OPTICAL AXIS HEIGHT (mm)** - 25.00

**NUMBER OF ADJUSTERS** - 5

**TYPE OF ADJUSTERS** - Thumb Screws

**ADJUSTER THREAD (METRIC)** - M4x0.25

**MOUNTING** - M6 Tapped Hole

**CONSTRUCTION** - Aluminium Base, Stainless Steel Screw, Brass Bushings

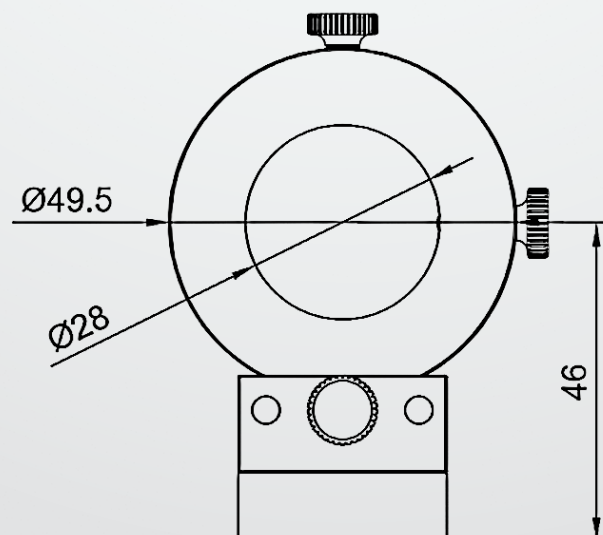
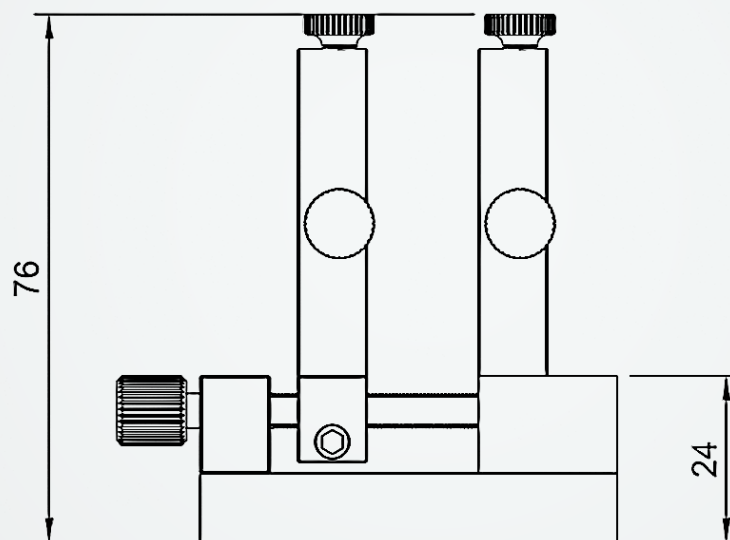
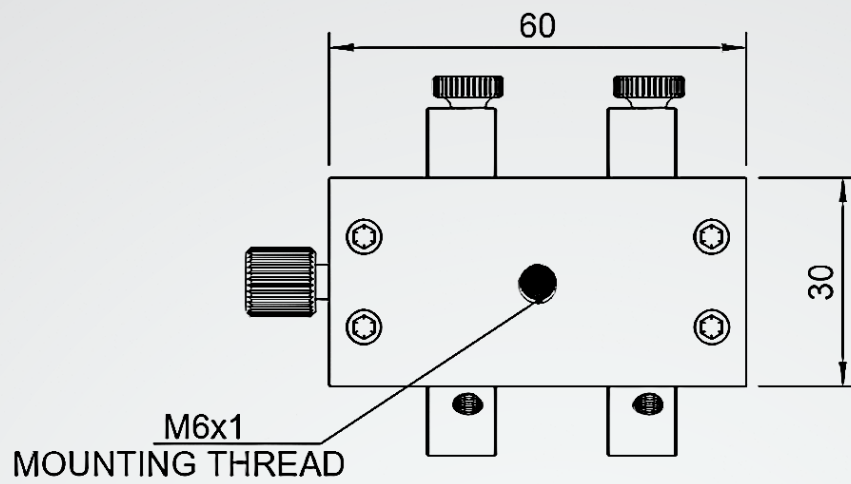
**“REVIUN PRODUCTS ARE SHIPPED WORLDWIDE INCLUDING ONE-YEAR WARRANTY AS STANDARD.”**

# APPLICATIONS

- **Laser Beam Cleanup:** Filters out noise and aberrations, improving beam quality.
- **Beam Profiling:** Shapes and controls laser beam intensity distribution.
- **Optical Imaging Systems:** Enhances image quality by reducing scattered light and increasing contrast.
- **Fiber Optics:** Improves transmitted light quality by filtering out higher-order modes.
- **Optical Characterization:** Filters unwanted scattered light for accurate measurements.
- **Spectroscopy:** Enhances spectral resolution by reducing noise and eliminating unwanted spatial information.
- **Confocal Microscopy:** Rejects out-of-focus light, improving axial resolution.

**“WE CAN CUSTOMISE THIS PRODUCT IN ACCORDANCE WITH YOUR APPLICATION, REQUIREMENTS INCLUDING ERGONOMIC DESIGN”**

# TECHNICAL INFORMATION





## SALES & SUPPORT



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