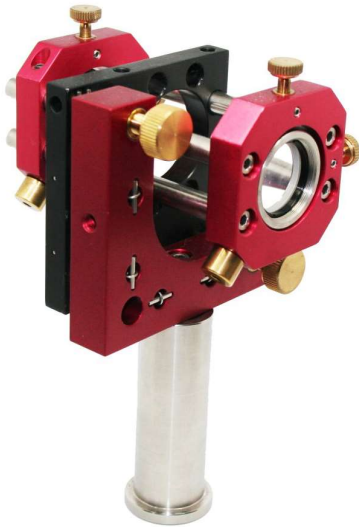


## MXI cage systems



### MXI cage system

*for Radiant Dyes*

*compatible for Thorlabs and Qioptic*

## Rotation Mount RD-RMP-1"

### RD-RMP-1"

- Precise rotation mount with 360° laser engraved scale
- Finest adjustment 20°
- Resolution < 0,003°
- Also available with PiezoMike



## Rotation Mount RD-RM-1"-M

### RD-RM-1"M

- Precise motorized rotation mount 90°/180° optional, for 1" optics with SM1-thread
- Resolution 90° or 180° ±1%
- Electronic & software



## Specifications for RD-RM-1"-M

### Rotational mirror mount parameters

Servo motor pulse length for 0°	980 $\mu$ s
Servo motor pulse length for 180°	500 $\mu$ s
Interpolation in range 0° ... 180°	linear $\pm$ 1%
Recommended minimum speed (interpolation time)	200 time steps
Measured absolute precision in range 0° ... 180°	$\pm$ 1% (unidirectional)
Measured unidirectional repeatability in range 0°... 180°	1°
Positioning resolution in range 0° ... 180°	0.38° / $\mu$ s
Start-up position at power on	vertical
Hysteresis	1.5°

# Rotation Mounts

## Small Rotation Mounts

- With plastic screw
- Small dimensions
- Integrated notch for safe fixing
- Optics are fixed by a retaining ring

**RD-RM-S-0,5"** 0,5 inch without scale



## Rotation Mounts

- With plastic screw
- Integrated notch for safe fixing
- Optics are fixed by a retaining ring

**RD-RM-0,5"** 0,5 inch without scale  
**RD-RM-1"** 1 inch without scale



## Rotation Mounts with Scale

- With plastic screw
- Integrated notch for safe fixing
- Optics are fixed by a retaining ring
- With 360° laser-engraved scale

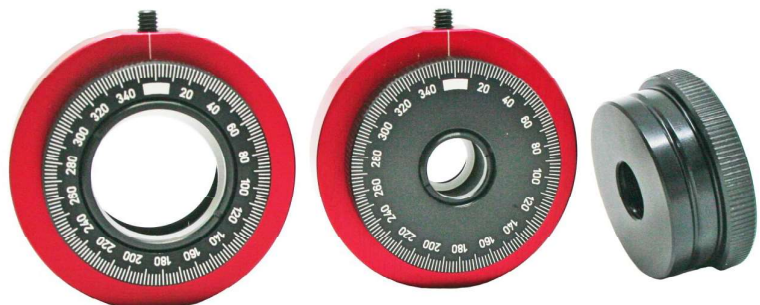
**RD-RM-SK-0,5"** 0,5 inch with scale  
**RD-RM-SK-1"** 1 inch with scale



## High precise Rotation Mounts

- With grub screw including a spring mounted ball for precise adjusting
- Integrated notch for save fixing
- With 360° laser-engraved scale
- Optics are fixed by a retaining ring

**RD-RMM-SK-0,5"** 0,5 inch with scale  
**RD-RMM-SK-1"** 1 inch with scale



# Rotation Mounts

## RD-RM-PTT & RD-RM-PTT-SK

- Rotation Mounts for Prism Turn Tables
- Available with and without scale
- One clamping arm included

For the small Prism Turn Table (RD-PDT-S):

**RD-RM-PTTS** without scale  
**RD-RM-PTTS-SK** with scale

For the big Prism Turn Table (RD-PDT-B):

**RD-RM-PTTB** without scale  
**RD-RM-PTTB-SK** with scale



## Rotation Mounts for Optical Tables

- Rotation Mounts for optical tables
- Compatible to optical tables with 25 mm x 25 mm raster
- Hole spacing 50 mm x 50 mm
- Available with and without scale
- One clamping arm included

**RD-RM-OT** without scale  
**RD-RM-OT-SK** with scale



## Rotation Mounts for Mirror Mounts

- Mirror Mounts equipped with a Rotation Mount
- With and without scale
- With grub screw including a spring mounted ball for precise adjusting
- Available for:

**MDI**  
**MDI-HS**  
**RD2**  
**RD2-HS**  
**RD-VO**



# Rotation Mounts

## Double Rotation Mounts

### RD-RMM-SK-DRM-1”

- Double rotation mount
- With grub screw including a spring mounted ball for precise adjusting
- With scale
- Optics are fixed by a retaining ring



## High precise Rotation Mounts with bearing

### RD-RMM-SK-L-1”

- High precise rotation mount with bearing
- With grub screw including a spring mounted ball for precise adjusting
- With scale
- Optics are fixed by a retaining ring



## Double Rotation Mount for beam splitter cube

### RD-RM-1“-D-2

- Precise rotation mount with 360° laser engraved scale
- Double rotation mount for beam splitter cube



## Quad rotation mount for beam splitter cube

### RD-RM-1“-Q-4

- Precise Rotation Mount with 360° laser engraved scale
- Quad Rotation Mount for beam splitter cube

