

Lens Mounting



Lens Mounting – Lens Mounts RD-LM

RD-LM

Features:

- Fixed lens mount
- With 3 point bases
- Available for several lens sizes
- Mountable on a M4 post

Available for the following lens sizes:

- Ø 12 mm and Ø 0.5"
- Ø 18 mm and Ø 20 mm
- Ø 25 mm and Ø 1"
- Ø 30 mm
- Ø 40 mm
- Ø 50 mm and Ø 2"
- Ø 75 mm



Lens Mounting – Lens Mounts with internal thread

RD-LM-WR

Features:

- Fixed lens mount
- With internal thread
- One retaining ring included
- Mountable on a M4 post

Available for the following lens sizes:

- Ø 0.5"
- Ø 1"
- Ø 2"

Adapters:

RD-LM-I Adapter with integrated iris

RD-LT-I Iris without adapter



RD-LM-WR-H25

- Lens mount for 25 mm beam height
- With retaining ring or 3-point-bases

RD-VL

RD-VL

Features:

- Stable lens mount
- 2 screws and 1 thread pin
- Several inserts available
- with **250 $\mu\text{m}/\text{turn}$ (100 TPI)** with **150 $\mu\text{m}/\text{turn}$ (170TPI)** fine thread screws
- Adjustment line in x-y direction: 8 mm

This variable lens mounting consists of an adjustment body and a 1" lens insert (on request also 0.5"). The great advantage of the variable lens mounting is the possibility to adjust the lens in the xy-plane. The lens mounting is delivered with thread pin.

RD-VL-MNI

Inserts for RD-VL-MNI:

- \varnothing 12 mm and \varnothing 1/2" lenses
- \varnothing 18 mm and \varnothing 20 mm lenses
- \varnothing 25 mm and \varnothing 1" lenses

RD-VL-MDI

Inserts for RD-VL-MDI:

- \varnothing 30 mm lenses
- \varnothing 40 mm lenses

RD-VL-MXI

Inserts for RD-VL-MXI:

- \varnothing 50 mm lenses
- \varnothing 75 mm lenses
- \varnothing 2" lenses



Lens Mounting – Lens Inserts

Inserts for RD-VL-MNI:

- \varnothing 12 mm and \varnothing 1/2" lenses
- \varnothing 18 mm and \varnothing 20 mm lenses
- \varnothing 25 mm and \varnothing 1" lenses

Inserts for RD-VL-MDI:

- \varnothing 30 mm lenses
- \varnothing 40 mm lenses

Inserts for RD-VL-MXI:

- \varnothing 50 mm lenses
- \varnothing 75 mm lens
- \varnothing 2" lenses



RD-VL Mirror Mounts

This variable lens mount consists of an adjustment body and a lens mount (1" or 0.5"). The great advantage of the variable lens mount is the possibility to adjust the lens in the xyz-plane with the aid of a small round mirror mount. The lens mounting is delivered with thread pin. Adjustment line in x-y direction: 8 mm

Available in the following sizes:

- RD-VL-MNI-Mirror Mount (1/2")
- RD-VL-MDI-Mirror Mount (1")
- RD-VL-MXI-Mirror Mount (2")

Lens mounting RD-VL-FC for Fiber Coupling

Ready to use for the following fibers:

- SMA RD-VL-FC-SMA
- FC/PC RD-VL-FC-FC/PC

Mounts for

- 6 mm, 8 mm, or 12 mm fiber couplers

Example:

Easy to fix on a translation stage

