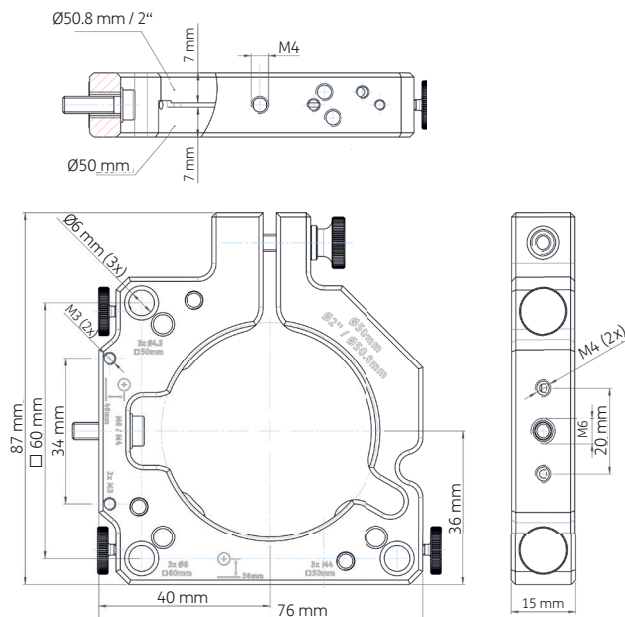


## UAH50-50-M

The a|VariMount UAH50-50-M is an innovative optomechanical mount designed for seamless integration and precise alignment of optical components with a outer diameter of 50 mm from one side or 2" from the other side (dual use) - like unmounted aspheres and axicons. This mount eliminates the need for additional adapters, reducing set-up length and minimizing the risk of tilt and decentration. It is compatible with 60 mm cage systems from manufactures such as Thorlabs and OptoSigma, and can be easily mounted on various rail systems. The design ensures a broad surface clamping of optical components, reducing stress and deformation, and includes M4 and M6 threaded holes for compatibility with all post systems.

### Technical Dimensions:



### Accessories:

- 3x M2.5x5 with knurls
- 3x M2.5 grub screw
- 1x M4x14 - cylinder head screw
- 1x M4x18 - cylinder head screw
- 1x M6x14 - cylinder head screw
- 1x washer - M4

### How to use

Threaded holes to attach mounting platforms - perfect for „Rail Carriage for 66 mm Rails“ from Thorlabs or „Carrier FLR65“ from Linos

M4 or M6 (screws included in delivery)

Threaded hole to attach posts with M4

2x M3 - 48 mm spacing - perfect for XT66 Rail Carriage from Thorlabs

2x M4 - 30 mm spacing - perfect for CAA-25LS

2x M3 - 25mm spacing

Threaded holes to attach mounting platforms - perfect for „RT 65-21-R-ZM“ from owis

Flexure hinge clamps mounts & optics with low tension

Threaded hole to attach posts with M4

2x M4 - 34mm spacing- perfect for M-CXL48-50 from Newport

Clamp Ø50.8 (2") & Ø50 mm

Cage-System 60x60 mm

Integrated step allows use for components with 50 mm on one side and 2" on other side

Clamp rods Ø6 mm

asphericon GmbH  
Stockholmer Str. 9 | 07747 Jena  
Germany

+49 (0) 3641 - 3100 560  
+49 (0) 3641 - 3100 561

asphericon, Inc.  
8586 Potter Park Drive  
Sarasota, FL 34238 | USA

+1 - 941 - 564 0890

asphericon s.r.o.  
Miliřská 449 | Jeřmanice 463 12  
Czech Republic

+420 488 100 300

sales@asphericon.com

www.asphericon.com