

Q:

Can I hold very small lenses?

A: Yes. This FAQ shows one way to do it.

We supply a ThorLabs SCL03 lens holder with each OS100 system:



Figure 1: ThorLabs SCL03 lens holder

The holder can nominally grasp lenses with diameters from 4 mm to 43 mm. However, we have found that by unscrewing the small pins, the holder may be used for lenses as small as 1 mm in diameter. The rod lens in the picture below has a diameter of 2 mm.

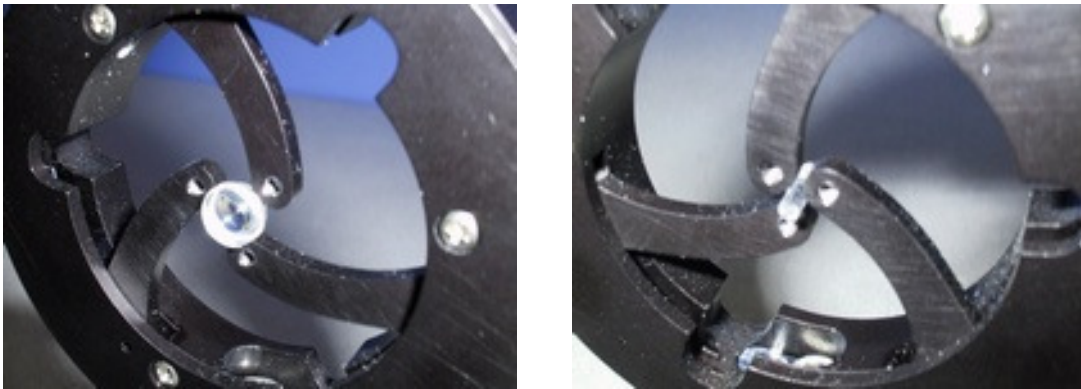


Figure 2,3 : SCL03 with pins removed for holding small lenses

TIP: Just because the SCL03 can hold very small lenses, it is not necessarily the optimum solution.

If you only need to test tiny lenses occasionally, then the SCL03 will probably be fine. If you will be testing very small lenses on a regular basis, then you should consider making a custom holder tailored to your particular lens.