Precision Pinhole

For beam shaping and filtering the optical beam it is necessary to use precision pinholes. **Fathoptics** has made precision pinholes and it can be used with a special filter and collimator lens to reach parallel beams.

Precision Pinhole Specifications

Model	Octane diameter	Tolerance
PP20	20	3
PP30	30	3
PP40	40	3
PP50	50	3

Spatial Filter

For many applications, such as holography, spatial intensity variations in the laser beam are Problematic. By putting together these elements; namely, precision holes, parallel lens, a filtering system is engineered to act as a noise filter. **Fathoptics** spatial filter system is ideal for producing clean Gaussian beam.

Spatial Filter Specifications

Model	Objective travel range	Objective Lens
SF-Ob-PP	13 mm	45x, NA=0.65