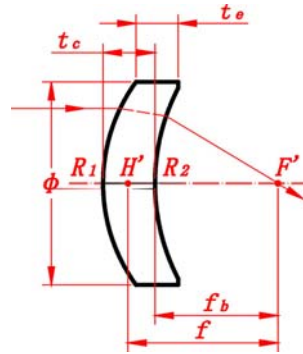


BK7 Positive Meniscus Lens



Positive meniscus lenses are used to decrease the focal length of another lens while maintaining the angular resolution of the optical assembly. These lenses are commonly used to achieve tighter beam focusing when paired with another positive lens.

Specifications:

Material	BK7
Design Wavelength	546.1nm
Design Index	1.5183
Diameter Tolerance	+0.0/-0.15mm
Paraxial Focal Length	±2%($f < 400\text{mm}$); ±5%($f \geq 400\text{mm}$)
Centration	<3 arc minutes
Clear Aperture	>90%
Surface Quality	60-40
Bevel.....	Protective

P/N	f	Φ	tc	te	fb
30501	100.0	25.4	4.0	2.5	97.5
30502	125.0	25.4	4.0	2.8	121.8
30503	150.0	25.4	4.0	3.0	146.3
30504	175.0	25.4	4.0	3.1	171.2
30505	200.0	25.4	3.5	2.8	197.0
30506	250.0	25.4	3.5	2.9	246.5
30507	300.0	25.4	3.5	3.0	296.3
30508	350.0	25.4	3.5	3.1	346.0
30509	400.0	25.4	3.5	3.1	395.8
30510	500.0	25.4	3.5	3.2	495.4
30511	600.0	25.4	3.5	3.2	595.3
30512	800.0	25.4	3.5	3.3	794.5
30513	1000.0	25.4	3.5	3.3	993.7
30514	1500.0	25.4	3.5	3.4	1492.0
30515	2000.0	25.4	3.5	3.4	1990.2
30516	4000.0	25.4	3.5	3.5	3984.5

- Dimension unit:mm
- Other sizes and coatings are available upon request.