

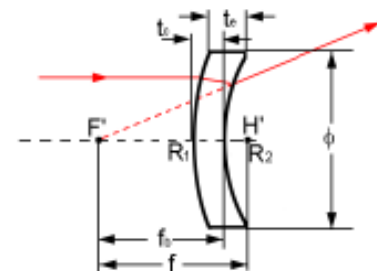
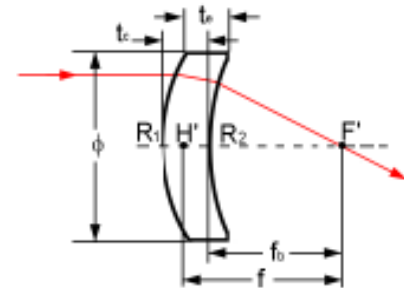
Meniscus Lens

Features

- High Precision Dimension
- Optional Substrate Material

Applications

- Projection Optics System
- Camera System
- Optical Viewer System
- Laser Measurement System



Specifications

Material	BK7
Diameter tolerance	±0.1mm
Design wavelength	546.1nm
Focal tolerance	2%
Surface quality	60-40 S/D
Centration	3 arcmin
Surface flatness	λ/4@632.8nm
Clear aperture	>90%
Bevel	Protective bevel

Positive Meniscus Lens

Part No.	F(mm)	Φ(mm)	R1(mm)	R2(mm)	Tc(mm)	Te(mm)	Fb(mm)
HMNP0301	100.0	25.4	33.72	90.0	4.0	2.5	97.5
HMNP0303	150.0	25.4	42.52	90.0	4.0	3.0	146.3
HMNP0305	200.0	25.4	49.03	90.0	3.5	2.8	197.0
HMNP0306	250.0	25.4	83.96	235.0	3.5	2.9	246.5
HMNP0307	300.0	25.4	94.08	235.0	3.5	3.0	296.3
HMNP0308	350.0	25.4	102.90	235.0	3.5	3.1	346.0
HMNP0309	400.0	25.4	110.72	235.0	3.5	3.1	395.8
HMNP0310	500.0	25.4	123.90	235.0	3.5	3.2	495.4
HMNP0312	800.0	25.4	245.39	600.0	3.5	3.3	794.5
HMNP0313	1000.0	25.4	278.34	600.0	3.5	3.3	993.7

Negative Meniscus Lens

Part No.	F(mm)	Φ(mm)	R1(mm)	R2(mm)	Tc(mm)	Te(mm)	Fb(mm)
HMNN0301	-100.0	25.4	90.0	32.59	3.0	4.5	-99.2
HMNN0302	-125.0	25.4	90.0	37.26	3.0	4.2	-123.7
HMNN0303	-150.0	25.4	90.0	41.42	3.0	4.0	-149.5
HMNN0304	-175.0	25.4	90.0	44.86	3.0	3.8	-174.6

Other size, material and coating are available upon request.