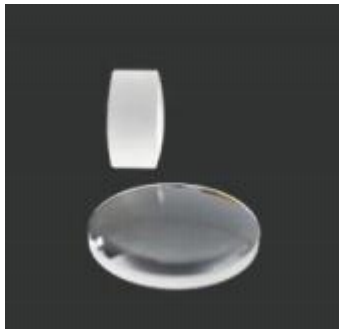


We mainly divide **spherical lenses** into three types, the convex lenses are used to collimated diverging light or to focus collimated light. The concave lenses diverge collimated incident light. The two curves of the meniscus lens lies of the same direction, just like a meniscus when viewed by its cutaway.



Parameter	Standard	High Precision
Diameter	3mm~300mm or larger	
Material	BK7, FS, UVFS, CaF2, <u>ZnSe</u> , Si, Ge;	
Diameter tolerance	+0.0/-0.2 mm	+0.0/-0.1 mm
Tc tolerance	± 0.3 mm	± 0.1 mm
Clear aperture	>85%	>90%
Surface quality	60-40 S-D	40-20, 20-10 S-D
Surface flatness	1λ@632,8 <u>nm</u>	1/4 λ @632.8nm
<u>Centration</u>	±3 arc min	±1 arc min
Coating	<u>Uncoated</u> , available upon on request	

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