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Plano-convex spherical lenses

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Lenses have many application ranging from the simple collection of the scanning of laser beams to precise imaging and image transfer.Plano-Convex Lenses are the best choice for focusing parallel rays of light to a single point.This lens can be used to focus, collect and collimate light. It is the most economical choice for demanding applications.

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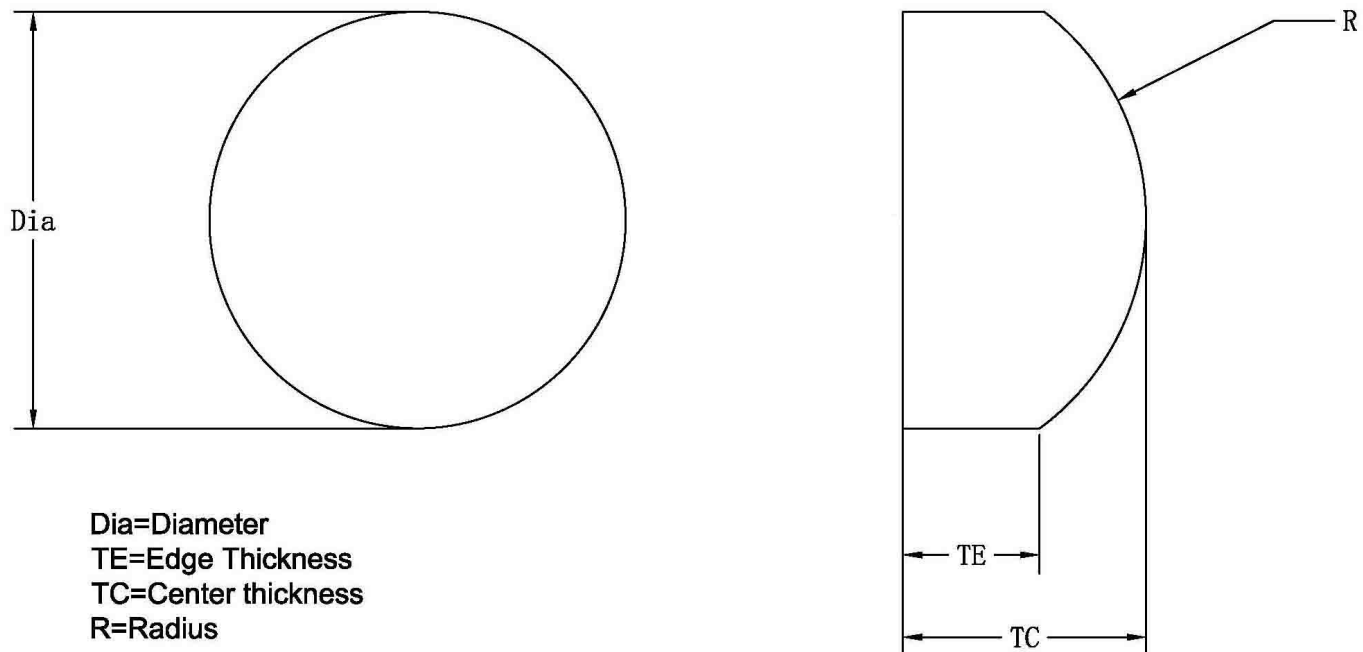
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Atoptical Co.,Ltd. provides these lenses with the material of BK7, fused silica ,Si,Ge,CaF2, or other optical glass and crystal ect..



Specifications	Normal	High Precision	Mfg. Limit
Material :	H-K9L	H-K9L	H-K9L
Design Index :	1.5168	1.5168	1.5168
Diameter Tolerance :	+0/-0.1mm	+0/-0.05mm	+0/-0.01mm



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Thickness Tolerance :	+/-0.1mm	+/-0.05mm	+/-0.01mm
Focal Length Tolerance :	+/-2%	+/-1%	+/-0.5%
Centeration :	3 arc min	1 arc min	30 arc sec
Surface Quality :	60-40	40-20	10-5
Surface Figure :	3 lambda	2 lambda	1 lambda
Surface Irregularity :	1 lambda	1/5 lambda 1	1/10 lambda
Clear Aperture :	>80%	>90%	100%
Bevel :	+/-0.2*45 degree	+/-0.1*45 degree	+/-0.05*45degree

Other materials are also available.

AR coating is available upon request.

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