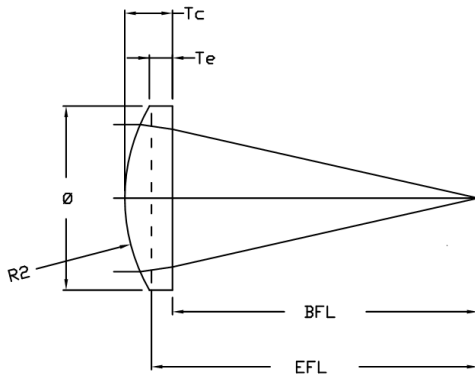


Plano Convex ($\Phi 25\text{mm}$)

Introduction

Plano-convex lenses are widely used in a lot of different applications. They can effectively collect divergent light from a point source and convert it into a collimated beam, or inversely focus a collimated beam to a point. Other applications also include magnification, imaging, etc. Egismos provides off-the-shelf lenses with diverse focal lengths.

Definition Of Parameters



Definition Of Tolerance

Basic Definition Of Tolerances	
Diameter(Φ)	+0/-0.1mm
Thickness	+0.1/-0.1mm
Radius Of Curvature	R \pm 1%
Clear Aperture	>85%
Tilt/Decenter	<3 mins/<0.05mm
Surface Quality	60/40

$\Phi 25$ Plano Convex Lens							
Code	Diameter(Φ)	R1	R2	EFL	Tc	Te	Material
O1-PX-25-34-G	25	Infinity	17.61	34	6.5	1.3	K9
O1-PX-25-50-G	25	Infinity	25.9	50	5.7	1.5	K9
O1-PX-25-63-G	25	Infinity	32.4	62.5	4	2.5	K9
O1-PX-25-75-G	25	Infinity	38.9	75	4	1.9	K9
O1-PX-25-100-G	25	Infinity	51.9	100	4	2.5	K9

Specifications are subject to change without notice.

