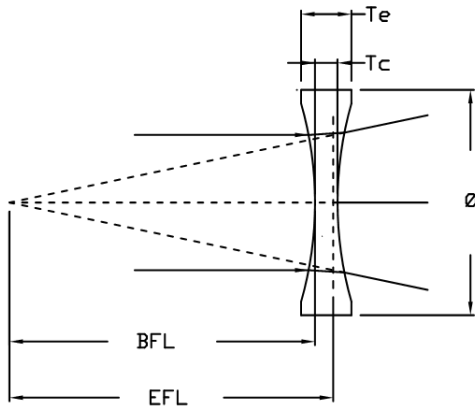


### Double Concave ( $\Phi 10\text{mm}$ )

#### Introduction

Double concave lenses are lenses comprising two concave surfaces. They can bend light beams more significantly than the Plano Concave lenses do. Therefore, they are extensively used to expand light beams with large divergent angles within limited working spaces. Egismos provides off-the-shelf lenses with diverse curvature

#### Definition Of Parameters



#### Definition Of Tolerance

Basic Definition Of Tolerances	
Diameter( $\Phi$ )	+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

$\Phi 10$ Double Concave Lens							
Code	Diameter( $\Phi$ )	R1	R2	EFL	Tc	Te	Material
O1-DV-10-15-G	10	-15.9	15.9	-15	2	4.9	K9
O1-DV-10-20-G	10	-21.1	21.1	-20	2	4.07	K9
O1-DV-10-25-G	10	-26.3	26.3	-25	2	3.62	K9
O1-DV-10-30-G	10	-31.5	31.5	-30	2	3.33	K9
O1-DV-10-40-G	10	-41.9	41.9	-40	2	3	K9

Specifications are subject to change without notice.

