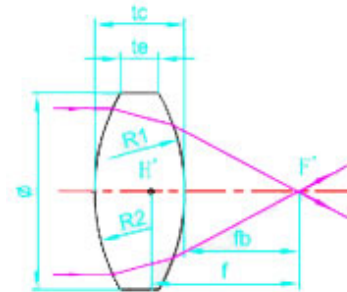


BK7 Double-Convex Lenses

Specifications:	
Material:	BK7 grade A optical glass
Design Wavelength:	546.1nm
Design Index:	1.5183 ± 0.0005
Diameter Tolerance:	+0.0, -0.15mm
Paraxial Focal Length:	±2%
Centration:	3 arc minutes
Clear Aperture:	>85%
Surface Figure:	$\lambda/4@632.8\text{nm}$
Surface Quality:	60-40 scratch and dig
Bevel:	0.25mm × 45°



Double-Convex Lenses



Part No	f (mm)	Φ (mm)	R1 (mm)	tc (mm)	te (mm)	fb (mm)
DXB101	8.0	6.0	7.70	3.2	2.0	6.9
DXB201	20.0	12.7	20.01	4.0	2.0	18.6
DXB202	50.0	12.7	51.35	2.8	2.0	49.1
DXB203	75.0	12.7	77.30	2.6	2.0	74.1
DXB204	100.0	12.7	103.25	2.4	2.0	99.2
DXB301	35.0	25.4	35.09	6.8	2.0	32.7
DXB302	50.0	25.4	50.92	5.2	2.0	48.3
DXB303	75.0	25.4	77.04	4.1	2.0	73.6
DXB304	100.0	25.4	103.05	3.6	2.0	98.8
DXB305	200.0	25.4	206.84	2.8	2.0	199.0
DXB401	100.0	50.0	102.06	9.2	3.0	96.9

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