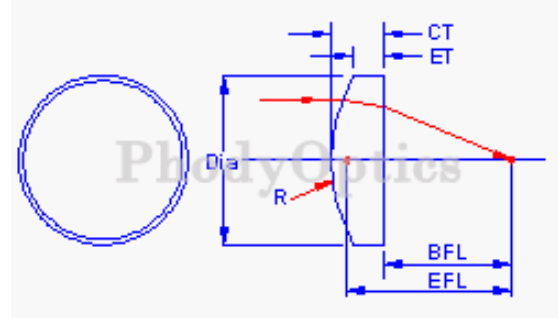



**BK7 Plano Convex Lenses**

<b>Material:</b>	BK7 grade A optical glass
<b>Design Wavelength:</b>	632.8nm
<b>Design Index:</b>	1.51509±0.0005
<b>Focal Length Tolerance:</b>	±1%
<b>Diameter Tolerance:</b>	+0.0,-0.1mm
<b>Center Thickness:</b>	±0.1mm
<b>Surface Figure:</b>	$\lambda/4@632.8\text{nm}$
<b>Surface Quality:</b>	40-20 scratch and dig
<b>Centration:</b>	3 arc minutes
<b>Clear Aperture:</b>	>90%
<b>Bevel:</b>	<0.25mm x 45°
<b>Coating:</b>	specified by customer


**BK7 Plano Convex Lenses**

Part No.	Dia(mm)	EFL(mm)	R(mm)	CT(mm)	ET(mm)	BFL(mm)
PXK06010	6.00	10.00	5.15	2.50	1.50	8.35
PXK06012	6.00	12.00	6.18	2.30	1.50	10.48
PXK06015	6.00	15.00	7.73	2.10	1.50	13.61
PXK06030	6.00	30.00	15.45	1.80	1.50	28.81
PXK09012	9.00	12.00	6.18	3.40	1.50	9.76
PXK09020	9.00	20.00	10.30	2.50	1.50	18.35
PXK12015	12.70	15.00	7.73	5.10	1.80	11.63
PXK12020	12.70	20.00	10.30	4.00	1.80	17.36
PXK12025	12.70	25.00	12.88	3.50	1.80	22.69
PXK12030	12.70	30.00	15.45	3.20	1.80	27.89
PXK12040	12.70	40.00	20.60	2.80	1.80	38.15
PXK12050	12.70	50.00	25.75	2.60	1.80	48.28
PXK12100	12.70	100.00	51.51	2.20	1.80	98.55
PXK18020	18.00	20.00	10.30	7.10	1.80	15.31
PXK18025	18.00	25.00	12.88	5.50	1.80	21.37
PXK18030	18.00	30.00	15.45	4.70	1.80	26.90
PXK18050	18.00	50.00	25.75	3.40	1.80	47.76
PXK25025	25.40	25.40	13.08	11.70	1.80	17.68
PXK25030	25.40	30.00	15.45	8.60	2.00	24.32
PXK25035	25.40	35.00	18.03	7.20	2.00	30.25
PXK25040	25.40	40.00	20.60	6.40	2.00	35.78
PXK25050	25.40	50.00	25.75	5.30	2.00	46.50


**BK7 Plano Convex Lenses**

Part No.	Dia(mm)	EFL(mm)	R(mm)	CT(mm)	ET(mm)	BFL(mm)
PXK25060	25.40	60.00	30.91	4.70	2.00	56.90
PXK25075	25.40	75.00	38.63	4.10	2.00	72.29
PXK25100	25.40	100.00	51.51	3.60	2.00	97.62
PXK25125	25.40	125.00	64.39	3.30	2.00	122.82
PXK25150	25.40	150.00	77.26	3.10	2.00	147.95
PXK25175	25.40	175.00	90.14	2.90	2.00	173.09
PXK25200	25.40	200.00	103.02	2.80	2.00	198.15
PXK25250	25.40	250.00	128.77	2.60	2.00	248.28
PXK25300	25.40	300.00	154.53	2.50	2.00	298.35
PXK25400	25.40	400.00	206.04	2.40	2.00	398.42
PXK25500	25.40	500.00	257.55	2.30	2.00	498.48
PXK25750	25.40	750.00	386.32	2.20	2.00	748.55
PXK25110	25.40	1000.00	515.09	2.20	2.00	998.55
PXK30040	30.00	40.00	20.60	9.00	2.50	34.06
PXK30050	30.00	50.00	25.75	7.30	2.50	45.18
PXK30075	30.00	75.00	38.63	5.50	2.50	71.37
PXK30100	30.00	100.00	51.51	4.70	2.50	96.90
PXK30120	30.00	120.00	61.81	4.30	2.50	117.16
PXK50060	50.80	60.00	30.91	16.30	3.00	49.24
PXK50075	50.80	75.00	38.63	12.50	3.00	66.75
PXK50100	50.80	100.00	51.51	9.70	3.00	93.60
PXK50125	50.80	125.00	64.39	8.20	3.00	119.59
PXK50150	50.80	150.00	77.26	7.30	3.00	145.18
PXK50175	50.80	175.00	90.14	6.70	3.00	170.58
PXK50200	50.80	200.00	103.02	6.20	3.00	195.91
PXK50250	50.80	250.00	128.77	5.50	3.00	246.37
PXK50300	50.80	300.00	154.53	5.10	3.00	296.63
PXK50400	50.80	400.00	206.04	4.60	3.00	396.96
PXK50500	50.80	500.00	257.55	4.30	3.00	497.16
PXK50750	50.80	750.00	386.32	3.80	3.00	747.49
PXK50110	50.80	1000.00	515.09	3.60	3.00	997.62
PXK75085	75.00	85.00	43.78	24.20	3.00	69.03
PXK75100	75.00	100.00	51.51	19.20	3.00	87.33
PXK75150	75.00	150.00	77.26	12.70	3.00	141.62
PXK75200	75.00	200.00	103.02	10.10	3.00	193.33