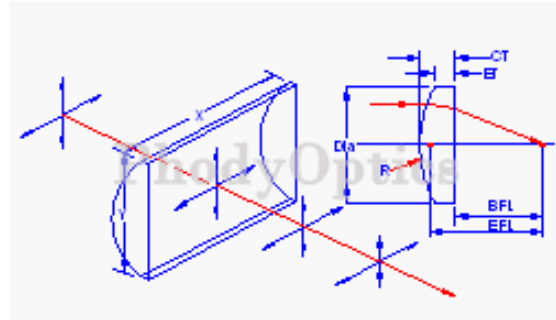


## ➔ BK7 Plano Convex Cylindrical Lenses

<b>Material:</b>	BK7 grade A optical glass
<b>Design Wavelength:</b>	587.6nm
<b>Design Index:</b>	1.51680±0.0005
<b>Focal Length Tolerance:</b>	±1%
<b>Diameter Tolerance:</b>	+0.0,-0.1mm
<b>Center Thickness:</b>	±0.2mm
<b>Surface Figure:</b>	λ/4@632.8nm
<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 Cylindrical Lenses

Part No.	EFL(mm)	X(mm)	Y(mm)	R1(mm)	CT(mm)	ET(mm)	BFL(mm)
YCK1003	3.90	6.00	4.00	2.02	3.80	2.00	1.39
YCK2003	3.90	8.00	4.00	2.02	3.80	2.00	1.39
YCK1004	4.00	6.00	4.00	2.07	3.60	2.00	1.63
YCK2004	4.00	8.00	4.00	2.07	3.60	2.00	1.63
YCK1005	5.80	6.00	4.00	3.00	2.80	2.00	3.95
YCK2005	5.80	8.00	4.00	3.00	2.80	2.00	3.95
YCK1006	6.35	8.00	6.00	3.28	4.00	2.00	3.71
YCK2006	6.35	12.00	6.00	3.28	4.00	2.00	3.71
YCK1007	7.70	9.00	7.00	3.98	4.10	2.00	5.00
YCK2007	7.70	14.00	7.00	3.98	4.10	2.00	5.00
YCK1009	9.70	12.00	10.00	5.01	6.70	2.00	5.28
YCK2009	9.70	20.00	10.00	5.01	6.70	2.00	5.28
YCK1010	10.00	12.00	10.00	5.17	5.90	2.00	6.11
YCK2010	10.00	20.00	10.00	5.17	5.90	2.00	6.11
YCK1012	12.70	12.00	10.00	6.56	4.30	2.00	9.87
YCK2012	12.70	20.00	10.00	6.56	4.30	2.00	9.87
YCK3012	12.70	15.00	13.00	6.56	7.70	2.00	7.62
YCK4012	12.70	26.00	13.00	6.56	7.70	2.00	7.62
YCK1013	13.70	15.00	13.00	7.08	6.30	2.00	9.55
YCK2013	13.70	26.00	13.00	7.08	6.30	2.00	9.55
YCK1015	15.00	12.00	10.00	7.75	3.80	2.00	12.49
YCK2015	15.00	20.00	10.00	7.75	3.80	2.00	12.49


**BK7 Plano Convex Cylindrical Lenses**

Part No.	EFL(mm)	X(mm)	Y(mm)	R1(mm)	CT(mm)	ET(mm)	BFL(mm)
YCK1019	19.00	18.00	16.00	9.82	6.10	2.00	14.98
YCK2019	19.00	32.00	16.00	9.82	6.10	2.00	14.98
YCK3019	19.70	18.00	16.00	10.18	5.90	2.00	15.81
YCK4019	19.70	32.00	16.00	10.18	5.90	2.00	15.81
YCK1020	20.00	12.00	10.00	10.34	3.30	2.00	17.82
YCK2020	20.00	20.00	10.00	10.34	3.30	2.00	17.82
YCK3020	20.00	17.00	15.00	10.34	5.20	2.00	16.57
YCK4020	20.00	30.00	15.00	10.34	5.20	2.00	16.57
YCK1022	22.20	15.00	12.50	11.47	3.90	2.00	19.63
YCK2022	22.20	25.00	12.50	11.47	3.90	2.00	19.63
YCK1025	25.00	12.00	10.00	12.92	3.00	2.00	23.02
YCK2025	25.00	20.00	10.00	12.92	3.00	2.00	23.02
YCK3025	25.00	22.00	20.00	12.92	6.70	2.00	20.58
YCK4025	25.00	40.00	20.00	12.92	6.70	2.00	20.58
YCK5025	25.40	18.00	16.00	13.13	4.70	2.00	22.30
YCK6025	25.40	32.00	16.00	13.13	4.70	2.00	22.30
YCK7025	25.40	28.00	25.40	13.13	11.80	2.00	17.62
YCK8025	25.40	51.00	25.40	13.13	11.80	2.00	17.62
YCK1030	30.00	22.00	20.00	15.50	5.70	2.00	26.24
YCK2030	30.00	40.00	20.00	15.50	5.70	2.00	26.24
YCK1038	38.10	28.00	25.40	19.69	6.60	2.00	33.75
YCK2038	38.10	51.00	25.40	19.69	6.60	2.00	33.75
YCK1040	40.00	12.00	10.00	20.67	2.60	2.00	38.29
YCK2040	40.00	20.00	10.00	20.67	2.60	2.00	38.29
YCK3040	40.00	22.00	20.00	20.67	4.60	2.00	36.97
YCK4040	40.00	40.00	20.00	20.67	4.60	2.00	36.97
YCK1050	50.00	22.00	20.00	25.84	4.00	2.00	47.36
YCK2050	50.00	40.00	20.00	25.84	4.00	2.00	47.36
YCK3050	50.00	32.00	30.00	25.84	6.80	2.00	45.52
YCK4050	50.00	60.00	30.00	25.84	6.80	2.00	45.52
YCK5050	50.80	53.00	50.80	26.25	21.60	2.00	36.56
YCK6050	50.80	90.00	50.80	26.25	21.60	2.00	36.56
YCK1060	60.00	32.00	30.00	31.01	5.90	2.00	56.11
YCK2060	60.00	60.00	30.00	31.01	5.90	2.00	56.11
YCK3060	60.00	62.00	60.00	31.01	25.20	2.00	43.39
YCK4060	60.00	95.00	60.00	31.01	25.20	2.00	43.39
YCK1062	62.90	53.00	50.80	32.51	14.20	2.00	53.54
YCK2062	62.90	95.00	50.80	32.51	14.20	2.00	53.54


**BK7 Plano Convex Cylindrical Lenses**

Part No.	EFL(mm)	X(mm)	Y(mm)	R1(mm)	CT(mm)	ET(mm)	BFL(mm)
YCK1070	70.00	32.00	30.00	36.18	5.30	2.00	66.51
YCK2070	70.00	60.00	30.00	36.18	5.30	2.00	66.51
YCK1075	75.00	53.00	50.80	38.76	11.50	2.00	67.42
YCK2075	75.00	95.00	50.80	38.76	11.50	2.00	67.42
YCK3075	75.60	28.00	25.40	39.07	5.10	3.00	72.24
YCK4075	75.60	51.00	25.40	39.07	5.10	3.00	72.24
YCK5075	75.60	53.00	50.80	39.07	12.40	3.00	67.42
YCK6075	75.60	95.00	50.80	39.07	12.40	3.00	67.42
YCK1080	80.00	22.00	20.00	41.34	4.20	3.00	77.23
YCK2080	80.00	40.00	20.00	41.34	4.20	3.00	77.23
YCK3080	80.00	82.00	80.00	41.34	33.90	3.00	57.65
YCK4080	80.00	145.00	80.00	41.34	33.90	3.00	57.65
YCK1100	100.00	32.00	30.00	51.68	5.20	3.00	96.57
YCK2100	100.00	60.00	30.00	51.68	5.20	3.00	96.57
YCK3100	100.00	90.00	100.00	51.68	41.60	3.00	72.57
YCK4100	100.00	145.00	100.00	51.68	41.60	3.00	72.57
YCK1130	130.00	32.00	30.00	67.18	4.70	3.00	126.90
YCK2130	130.00	60.00	30.00	67.18	4.70	3.00	126.90
YCK1150	150.00	22.00	20.00	77.52	3.60	3.00	147.63
YCK2150	150.00	40.00	20.00	77.52	3.60	3.00	147.63
YCK3150	150.00	32.00	30.00	77.52	4.50	3.00	147.03
YCLK4150	150.00	60.00	30.00	77.52	4.50	3.00	147.03
YCK5150	150.00	90.00	100.00	77.52	21.30	3.00	135.96
YCK6150	150.00	145.00	100.00	77.52	21.30	3.00	135.96
YCK1200	200.00	32.00	30.00	103.36	4.10	3.00	197.30
YCK2200	200.00	60.00	30.00	103.36	4.10	3.00	197.30
YCK3200	200.00	90.00	100.00	103.36	15.90	3.00	189.52
YCK4200	200.00	145.00	100.00	103.36	15.90	3.00	189.52
YCK1250	250.00	22.00	20.00	129.20	3.40	3.00	247.76
YCK2250	250.00	40.00	20.00	129.20	3.40	3.00	247.76
YCK3250	250.00	62.00	60.00	129.20	6.50	3.00	245.71
YCK4250	250.00	95.00	60.00	129.20	6.50	3.00	245.71
YCK1300	300.00	32.00	30.00	155.04	3.70	3.00	297.56
YCK2300	300.00	60.00	30.00	155.04	3.70	3.00	297.56
YCK3300	300.00	62.00	60.00	155.04	5.90	3.00	296.11
YCK4300	300.00	95.00	60.00	155.04	5.90	3.00	296.11
YCK1400	400.00	32.00	30.00	206.72	3.50	3.00	397.69
YCK2400	400.00	60.00	30.00	206.72	3.50	3.00	397.69

 **BK7 Plano Convex Cylindrical Lenses**

Part No.	EFL(mm)	X(mm)	Y(mm)	R1(mm)	CT(mm)	ET(mm)	BFL(mm)
YCK1500	500.00	32.00	30.00	258.40	3.40	3.00	497.76
YCK2500	500.00	60.00	30.00	258.40	3.40	3.00	497.76
YCK1700	700.00	32.00	30.00	361.76	3.30	3.00	697.82
YCK2700	700.00	60.00	30.00	361.76	3.30	3.00	697.82
YCK1110	1000.00	32.00	30.00	516.80	3.20	3.00	997.89
YCK2110	1000.00	60.00	30.00	516.80	3.20	3.00	997.89