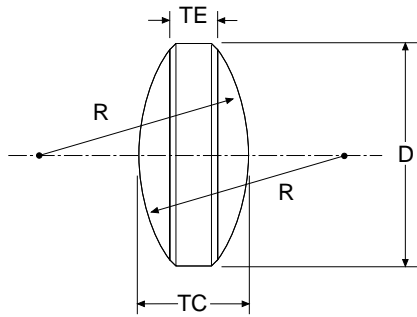


BK7両凸レンズ
CVI QuantaGlas™

BK7 Spherical Bi-Convex, CVI QuantaGlas™



基板材質	BK7
面精度	/2(@633 nm、コーティング前において)
表面品位	40-20、MIL-PRF-13830Bによる
寸法公差	+ 0.00 mm、 0.25 mm
厚みの公差	± 0.25 mm
面取り	0.35 mm、45°標準
同心円度	≤ 0.05 mm
焦点距離の公差	± 3%(@633 nm)
減反射コーティング	ユーザーにより指定、 $R_{avg} \leq 0.5\%/1面$
有効径	直径中心の85%以上
損傷しきい値	10 J/cm ² 、20 ns、20 Hz(パルス @1064 nm) 1 MW/cm ² (CW @1064 nm)

1:1の結像系、およびビームのリレーレンズに

両面の曲率半径が等しい (R1 = R2)

CVIメスグレリオの全ての低損失、高エネルギー用ARコーティングを施す事が可能

レンズマウントもご用意

表面品位10-5、CVIレーザークオリティのBICX-Cシリーズもご用意

ご注文方法

BXB-15.0-51.5-C 1064

レンズの製品番号

ARコーティングの波長(nm)

425-675 670-1064 1064

BK7製両凸レンズ、CVI QuantaGlas™

標準焦点距離 f (mm)	直径 D (mm)	f@532 nm (mm)	f@633 nm (mm)	f@1064 nm (mm)	f@1319 nm (mm)	曲率半径 R (mm)	Tc (mm)	Te (mm)	製品番号
4.0	8.5	4.8	4.9	4.9	5.0	5.0	5.5	0.9	BXB-8.5-5.0-C
5.0	6.4	5.8	5.8	5.9	6.0	6.0	5.0	3.0	BXB-6.4-6.0-C
6.0	5.0	6.5	6.6	6.7	6.7	6.8	3.0	2.0	BXB-5.0-6.8-C
9.0	7.5	9.3	9.4	9.6	9.6	9.7	3.5	2.0	BXB-7.5-9.7-C
9.0	10.0	9.3	9.4	9.6	9.6	9.7	3.3	0.5	BXB-10.0-9.7-C
9.0	5.0	9.4	9.5	9.7	9.7	9.8	2.6	2.0	BXB-5.0-9.8-C
9.0	8.0	9.4	9.5	9.7	9.7	9.8	2.5	0.8	BXB-8.0-9.8-C
9.0	6.0	9.6	9.7	9.9	9.9	10.0	2.0	1.1	BXB-6.0-10.0-C
10.0	6.5	10.5	10.6	10.8	10.8	10.9	2.0	1.0	BXB-6.5-10.9-C
12.0	5.0	12.0	12.1	12.3	12.4	12.5	2.0	1.5	BXB-5.0-12.5-C
12.0	8.0	12.0	12.1	12.3	12.4	12.5	2.8	1.5	BXB-8.0-12.5-C
12.0	12.7	12.0	12.1	12.3	12.4	12.5	6.7	3.2	BXB-12.7-12.5-C
12.0	6.0	12.0	12.1	12.3	12.4	12.5	2.2	1.5	BXB-6.0-12.5-C
12.0	6.4	12.0	12.1	12.3	12.4	12.5	2.8	2.0	BXB-6.4-12.5-C
13.0	14.5	12.9	13.0	13.2	13.3	13.4	5.9	1.6	BXB-14.5-13.4-C
13.0	14.5	13.9	14.0	14.2	14.3	14.4	5.9	2.0	BXB-14.5-14.4-C
14.0	7.5	14.5	14.7	14.9	15.0	15.1	2.9	2.0	BXB-7.5-15.1-C
14.0	10.0	14.5	14.7	14.9	15.0	15.1	3.6	2.0	BXB-10.0-15.1-C
15.0	6.4	14.9	15.0	15.3	15.4	15.5	2.1	1.5	BXB-6.4-15.5-C
15.0	15.0	14.9	15.0	15.3	15.4	15.5	5.9	2.0	BXB-15.0-15.5-C
16.0	13.0	16.5	16.6	16.9	17.0	17.1	3.6	1.0	BXB-13.0-17.1-C

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BK7製両凸レンズ、CVI QuantaGlas™

標準焦点距離 f (mm)	直径 D (mm)	f@532 nm (mm)	f@633 nm (mm)	f@1064 nm (mm)	f@1319 nm (mm)	曲率半径 R (mm)	Tc (mm)	Te (mm)	製品番号
16.0	17.5	16.7	16.9	17.2	17.3	17.4	6.1	1.4	BXB-17.5-17.4-C
17.0	12.7	17.0	17.2	17.5	17.6	17.7	4.1	1.7	BXB-12.7-17.7-C
17.0	15.0	17.0	17.2	17.5	17.6	17.7	4.1	0.8	BXB-15.0-17.7-C
18.0	25.4	18.1	18.2	18.6	18.7	18.8	14.7	4.8	BXB-25.4-18.8-C
18.0	6.4	18.2	18.3	18.7	18.8	18.9	3.5	3.0	BXB-6.4-18.9-C
18.0	15.0	18.2	18.3	18.7	18.8	18.9	4.1	1.0	BXB-15.0-18.9-C
18.0	12.7	18.2	18.3	18.7	18.8	18.9	5.2	3.0	BXB-12.7-18.9-C
19.0	12.7	18.9	19.0	19.3	19.5	19.6	4.0	2.0	BXB-12.7-19.6-C
19.0	15.0	18.9	19.0	19.3	19.5	19.6	4.9	2.0	BXB-15.0-19.6-C
19.0	8.0	19.4	19.6	19.9	20.1	20.2	2.3	1.5	BXB-8.0-20.2-C
19.0	10.0	19.4	19.6	19.9	20.1	20.2	3.2	2.0	BXB-10.0-20.2-C
20.0	20.0	20.1	20.3	20.6	20.8	20.9	6.9	2.0	BXB-20.0-20.9-C
22.0	18.0	22.7	22.9	23.3	23.4	23.6	6.1	2.5	BXB-18.0-23.6-C
23.0	20.0	23.7	23.9	24.3	24.5	24.6	5.0	0.8	BXB-20.0-24.6-C
23.0	25.4	23.7	23.9	24.3	24.5	24.6	9.0	2.0	BXB-25.4-24.6-C
24.0	12.7	24.4	24.7	25.1	25.2	25.4	3.6	2.0	BXB-12.7-25.4-C
25.0	6.4	24.8	25.0	25.5	25.6	25.8	3.4	3.0	BXB-6.4-25.8-C
25.0	8.0	24.8	25.0	25.5	25.6	25.8	2.1	1.5	BXB-8.0-25.8-C
25.0	20.0	24.8	25.0	25.5	25.6	25.8	6.0	2.0	BXB-20.0-25.8-C
25.0	25.4	24.8	25.0	25.5	25.6	25.8	8.4	1.8	BXB-25.4-25.8-C
25.0	10.0	24.8	25.0	25.5	25.6	25.8	3.0	2.0	BXB-10.0-25.8-C
28.0	12.7	27.9	28.2	28.6	28.8	29.0	3.4	2.0	BXB-12.7-29.0-C
29.0	15.0	28.9	29.1	29.6	29.8	30.0	3.8	2.0	BXB-15.0-30.0-C
29.0	20.0	28.9	29.1	29.6	29.8	30.0	5.3	2.0	BXB-20.0-30.0-C
29.0	25.4	28.9	29.1	29.6	29.8	30.0	7.9	2.3	BXB-25.4-30.0-C
29.0	17.3	28.9	29.1	29.6	29.8	30.0	3.4	0.9	BXB-17.3-30.0-C
29.0	10.0	29.5	29.7	30.2	30.4	30.6	2.8	2.0	BXB-10.0-30.6-C
29.0	12.7	29.5	29.7	30.2	30.4	30.6	3.3	2.0	BXB-12.7-30.6-C
32.0	10.0	31.9	32.1	32.7	32.9	33.1	2.7	2.0	BXB-10.0-33.1-C
32.0	25.4	32.5	32.8	33.3	33.5	33.7	6.7	1.9	BXB-25.4-33.7-C
33.0	15.0	33.0	33.3	33.8	34.0	34.3	3.6	2.0	BXB-15.0-34.3-C
33.0	50.8	33.0	33.3	33.8	34.0	34.3	25.4	3.0	BXB-50.8-34.3-C
35.0	25.4	35.6	35.9	36.5	36.7	37.0	6.3	1.9	BXB-25.4-37.0-C
35.0	38.1	35.6	35.9	36.5	36.7	37.0	12.4	1.9	BXB-38.1-37.0-C
36.0	25.4	36.6	36.9	37.5	37.7	38.0	6.3	2.0	BXB-25.4-38.0-C
37.0	12.7	37.2	37.5	38.1	38.3	38.6	4.1	3.0	BXB-12.7-38.6-C
39.0	12.7	39.1	39.5	40.1	40.4	40.7	3.0	2.0	BXB-12.7-40.7-C
39.0	25.4	39.1	39.5	40.1	40.4	40.7	5.9	1.9	BXB-25.4-40.7-C
39.0	15.0	39.1	39.5	40.1	40.4	40.7	3.4	2.0	BXB-15.0-40.7-C
39.0	20.0	39.1	39.5	40.1	40.4	40.7	4.4	2.0	BXB-20.0-40.7-C
48.0	40.0	48.1	48.5	49.3	49.7	50.0	9.8	1.6	BXB-40.0-50.0-C
49.0	8.0	49.2	49.6	50.4	50.7	51.1	3.5	3.2	BXB-8.0-51.1-C
49.0	11.0	49.2	49.6	50.4	50.7	51.1	3.0	2.4	BXB-11.0-51.1-C
49.0	50.8	49.2	49.6	50.4	50.7	51.1	17.3	3.8	BXB-50.8-51.1-C
49.0	10.0	49.2	49.6	50.4	50.7	51.1	2.4	1.9	BXB-10.0-51.1-C

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BK7両凸レンズ
CVI QuantaGlas™

BK7 Spherical Bi-Convex, CVI QuantaGlas™

BK7製両凸レンズ、CVI QuantaGlas™

標準焦点距離 f (mm)	直径 D (mm)	f@532 nm (mm)	f@633 nm (mm)	f@1064 nm (mm)	f@1319 nm (mm)	曲率半径 R (mm)	Tc (mm)	Te (mm)	製品番号
49.0	12.7	49.6	50.0	50.8	51.1	51.5	3.8	3.0	BXB-12.7-51.5-C
49.0	15.0	49.6	50.0	50.8	51.1	51.5	2.9	1.8	BXB-15.0-51.5-C
49.0	25.4	49.6	50.0	50.8	51.1	51.5	6.2	3.0	BXB-25.4-51.5-C
53.0	25.0	53.0	53.5	54.4	54.7	55.1	4.7	1.9	BXB-25.0-55.1-C
58.0	10.0	57.8	58.2	59.2	59.6	60.0	2.4	2.0	BXB-10.0-60.0-C
58.0	15.0	57.8	58.2	59.2	59.6	60.0	2.7	1.8	BXB-15.0-60.0-C
59.0	20.0	58.7	59.2	60.2	60.6	61.0	3.6	2.0	BXB-20.0-61.0-C
59.0	40.0	58.7	59.2	60.2	60.6	61.0	8.6	2.0	BXB-40.0-61.0-C
59.0	38.1	58.7	59.2	60.2	60.6	61.0	8.0	2.0	BXB-38.1-61.0-C
59.0	25.4	58.7	59.2	60.2	60.6	61.0	4.5	1.9	BXB-25.4-61.0-C
59.0	50.8	59.5	60.0	61.0	61.4	61.8	13.8	3.0	BXB-50.8-61.8-C
62.0	12.7	62.0	62.5	63.6	64.0	64.4	3.6	3.0	BXB-12.7-64.4-C
62.0	25.4	62.0	62.5	63.6	64.0	64.4	5.5	3.0	BXB-25.4-64.4-C
63.0	25.0	62.9	63.5	64.5	65.0	65.4	3.4	1.0	BXB-25.0-65.4-C
63.0	40.0	62.9	63.5	64.5	65.0	65.4	7.8	1.5	BXB-40.0-65.4-C
67.0	50.8	66.9	67.5	68.6	69.0	69.5	12.2	2.6	BXB-50.8-69.5-C
68.0	25.4	67.9	68.4	69.6	70.0	70.5	4.1	1.9	BXB-25.4-70.5-C
68.0	40.0	67.9	68.5	69.6	70.1	70.6	7.6	2.0	BXB-40.0-70.6-C
69.0	20.0	69.4	70.0	71.2	71.6	72.1	3.4	2.0	BXB-20.0-72.1-C
74.0	10.0	73.6	74.3	75.5	76.0	76.5	2.4	2.1	BXB-10.0-76.5-C
74.0	40.0	73.6	74.3	75.5	76.0	76.5	7.4	2.1	BXB-40.0-76.5-C
74.0	12.7	73.6	74.3	75.5	76.0	76.5	3.5	3.0	BXB-12.7-76.5-C
74.0	25.4	73.6	74.3	75.5	76.0	76.5	3.7	1.7	BXB-25.4-76.5-C
74.0	15.0	73.6	74.3	75.5	76.0	76.5	2.7	2.0	BXB-15.0-76.5-C
79.0	20.0	78.7	79.4	80.7	81.2	81.8	3.2	2.0	BXB-20.0-81.8-C
88.0	50.8	87.4	88.1	89.6	90.2	90.8	10.4	3.0	BXB-50.8-90.8-C
100.0	10.0	99.5	100.3	102.0	102.6	103.4	2.0	1.8	BXB-10.0-103.4-C
100.0	15.0	99.5	100.3	102.0	102.6	103.4	2.8	2.3	BXB-15.0-103.4-C
100.0	25.4	99.5	100.3	102.0	102.6	103.4	4.6	3.0	BXB-25.4-103.4-C
126.0	15.0	125.1	126.2	128.3	129.1	130.0	2.4	2.0	BXB-15.0-130.0-C
126.0	25.4	125.1	126.2	128.3	129.1	130.0	4.3	3.0	BXB-25.4-130.0-C
149.0	20.0	148.6	149.9	152.4	153.3	154.4	2.6	2.0	BXB-20.0-154.4-C
149.0	25.4	148.6	149.9	152.4	153.3	154.4	4.0	3.0	BXB-25.4-154.4-C
175.0	25.4	174.1	175.6	178.5	179.6	180.9	3.9	3.0	BXB-25.4-180.9-C
200.0	25.4	198.9	200.5	203.9	205.2	206.6	2.7	1.9	BXB-25.4-206.6-C
250.0	25.4	248.7	250.8	255.0	256.6	258.4	2.7	2.1	BXB-25.4-258.4-C
302.0	25.4	300.3	302.9	307.9	309.9	312.0	4.0	3.5	BXB-25.4-312.0-C
352.0	25.4	349.8	352.8	358.6	360.9	363.4	4.0	3.6	BXB-25.4-363.4-C
405.0	25.4	402.0	405.5	412.2	414.8	417.7	4.0	3.6	BXB-25.4-417.7-C
405.0	50.8	402.0	405.5	412.2	414.8	417.7	6.0	4.4	BXB-50.8-417.7-C
501.0	25.4	497.4	501.7	510.0	513.2	516.8	4.0	3.7	BXB-25.4-516.8-C
756.0	25.4	750.2	756.6	769.3	774.1	779.5	3.2	3.0	BXB-25.4-779.5-C
862.0	25.4	855.5	862.8	877.2	882.7	888.8	4.1	3.9	BXB-25.4-888.8-C
1000.0	25.4	991.4	999.8	1016.5	1022.9	1030.0	3.2	3.0	BXB-25.4-1030.0-C