



## 両凸レンズ Bi-Convex Lens

正の焦点距離を持ち、像の拡大や集光用途に利用します。  
Bi-convex lenses have a positive focal length (F.L.) to be used  
as magnifying or condensing lens. Uncoated.

### 仕様 Specifications

許容誤差	Tolerance	
直径	Diameter	:+0mm :-0.1mm
中心厚Tc	Ceter Thickness	:± 0.2mm
屈折率Nd	Reflective Index	:1.523(クラウン系:Crown) :1.51680(BK-7) :1.62004(F2)
焦点距離	Focal Length	:± 2%
表面品質	Surface Quality	:MIL60-40
偏芯	Decentration	:3分以内 (3')
設計波長	Design Wavelength	:587.6nm
コートなし	Uncoated	

品番	外径	焦点距離	バックフォーカス	中厚	コバ肉	材質	単価
Part No.	Dia.	F.L.	B.F.L.	TC	TE	Material	Price
TS-0206S	3	20	19.50	1.5	1.41	クラウン	¥3,000
TS-0207S	3	30	29.60	1.5	1.43	クラウン	¥3,000
TS-0208S	3	50	49.60	1.5	1.46	クラウン	¥3,000
TS-0209S	5	5	4.14	2.5	1.21	クラウン	¥2,100
TS-0210S	5	7.5	6.82	2.0	1.21	クラウン	¥2,400
TS-0211S	5	10	9.45	1.8	1.23	クラウン	¥2,400
TS-0212S	5	12.5	12.00	1.6	1.15	クラウン	¥2,400
TS-0213S	5	15	14.50	1.6	1.22	クラウン	¥2,400
TS-0214S	5	20	19.50	1.5	1.22	クラウン	¥2,400
TS-0215S	5	30	29.60	1.5	1.32	クラウン	¥2,400
TS-0216S	5	50	49.60	1.5	1.39	クラウン	¥2,400
TS-0217S	5	100	99.60	1.5	1.45	クラウン	¥2,400
TS-0218S	10	10	8.70	4.0	1.49	クラウン	¥2,400
TS-0219S	10	12	10.90	3.5	1.48	クラウン	¥2,400
TS-0220S	10	15	14.00	3.0	1.44	クラウン	¥2,400
TS-0221S	10	20	19.20	2.5	1.36	クラウン	¥2,400
TS-0222S	10	30	29.20	2.5	1.75	クラウン	¥2,400
TS-0223S	10	40	39.30	2.5	1.94	クラウン	¥2,400
TS-0224S	20	20	17.60	7.0	1.78	クラウン	¥2,400
TS-0225S	20	30	28.30	5.0	1.77	クラウン	¥2,400
TS-0226S	20	40	38.70	4.0	1.63	クラウン	¥2,400
TS-0227S	20	50	48.60	4.0	2.12	クラウン	¥2,400
TS-0228S	5	30	29.51	1.5	1.30	BK-7	¥2,500
TS-0229S	5	50	49.51	1.5	1.38	BK-7	¥2,500
TS-0230S	5	100	99.51	1.5	1.44	BK-7	¥2,500
TS-0230S1	5	5	4.14	2.5	1.12	BK-7	¥2,500
TS-0230S2	5	10	9.45	1.8	1.19	BK-7	¥2,500
TS-0230S3	5	15	14.50	1.6	1.20	BK-7	¥2,500
TS-0230S4	5	20	19.50	1.5	1.20	BK-7	¥2,500
TS-0231S	10	10	8.70	4.0	1.25	BK-7	¥2,500
TS-0232S	10	12	10.80	3.5	1.46	BK-7	¥2,500
TS-0233S	10	15	13.40	3.0	1.42	BK-7	¥2,500
TS-0234S	10	20	19.20	2.5	1.35	BK-7	¥2,500
TS-0235S	10	30	29.20	2.5	1.69	BK-7	¥2,500
TS-0236S	10	40	39.20	2.5	1.90	BK-7	¥2,500
TS-0236S1	10	50	49.17	2.5	2.02	BK-7	¥2,500
TS-0236S2	10	60	59.19	2.5	2.10	BK-7	¥2,500
TS-0236S3	10	70	69.23	2.3	1.96	BK-7	¥2,500
TS-0236S4	10	80	79.24	2.3	2.00	BK-7	¥2,500
TS-0236S5	10	90	89.25	2.3	2.04	BK-7	¥2,500
TS-0236S6	10	100	99.27	2.3	2.06	BK-7	¥2,500
TS-0428S1	15	20	18.29	5.0	2.13	BK-7	¥2,500
TS-0428S2	15	30	28.64	4.0	2.16	BK-7	¥2,500
TS-0428S3	15	40	39.08	3.5	2.15	BK-7	¥2,500
TS-0428S4	15	50	49.00	3.2	2.12	BK-7	¥2,500
TS-0428S5	15	100	99.15	3.0	2.48	BK-7	¥2,500
TS-0428S6	15	150	148.98	3.0	2.65	BK-7	¥2,500
TS-0428S7	15	200	199.00	3.0	2.73	BK-7	¥2,500
TS-0237S	20	20	17.50	7.0	1.69	BK-7	¥2,600
TS-0238S	20	30	28.40	5.0	1.72	BK-7	¥2,600
TS-0239S	20	40	36.67	4.0	1.60	BK-7	¥2,600
TS-0240S	20	50	48.67	4.0	2.10	BK-7	¥2,600
TS-0240S1	20	60	58.68	4.0	2.42	BK-7	¥2,600
TS-0240S2	20	70	68.73	3.8	2.45	BK-7	¥2,600
TS-0240S3	20	80	78.80	3.6	2.43	BK-7	¥2,600
TS-0240S4	20	90	88.86	3.5	2.46	BK-7	¥2,600
TS-0240S5	20	100	98.87	3.4	2.46	BK-7	¥2,600
TS-0240S6	30	30	26.35	10.4	2.32	BK-7	¥3,000
TS-0240S7	30	40	37.35	7.9	2.22	BK-7	¥3,000
TS-0240S8	30	50	47.74	6.6	2.17	BK-7	¥3,000
TS-0240S9	30	60	58.04	5.8	2.15	BK-7	¥3,000
TS-0240S10	30	70	68.25	5.2	2.10	BK-7	¥3,000
TS-0240S11	30	80	78.43	4.8	2.10	BK-7	¥3,000
TS-0240S12	30	90	88.50	4.5	2.11	BK-7	¥3,000
TS-0240S13	30	100	98.64	4.3	2.16	BK-7	¥3,000
TS-0240S14	30	150	148.89	3.5	2.08	BK-7	¥3,000
TS-0240S15	30	200	198.98	3.1	2.04	BK-7	¥3,000
TS-0240S16	30	300	299.17	2.8	2.09	BK-7	¥3,000
TS-0240S17	40	40	35.44	13.1	2.30	BK-7	¥3,500
TS-0240S18	40	50	46.45	10.4	2.20	BK-7	¥3,500
TS-0240S19	40	60	57.04	8.8	2.14	BK-7	¥3,500
TS-0240S20	40	70	67.39	7.8	2.17	BK-7	¥3,500
TS-0240S21	40	80	77.68	7.0	2.12	BK-7	¥3,500
TS-0240S22	40	90	87.83	6.5	2.18	BK-7	¥3,500
TS-0240S23	40	100	98.07	6.0	2.14	BK-7	¥3,500
TS-0240S24	40	150	148.50	4.7	2.15	BK-7	¥3,500
TS-0240S25	40	200	198.73	4.0	2.09	BK-7	¥3,500
TS-0240S26	40	300	298.91	3.3	2.03	BK-7	¥3,500
TS-0240S27	50	50	44.10	16.9	3.31	BK-7	¥3,800
TS-0240S28	50	60	55.55	13.0	2.21	BK-7	¥3,800
TS-0240S29	50	70	65.82	12.3	3.25	BK-7	¥3,800
TS-0240S30	50	80	76.30	11.0	3.20	BK-7	¥3,800
TS-0240S31	50	90	86.65	10.0	3.13	BK-7	¥3,800
TS-0240S32	50	100	96.93	9.3	3.17	BK-7	¥3,800
TS-0240S33	50	150	147.65	7.1	3.08	BK-7	¥3,800
TS-0240S34	50	200	198.00	6.1	3.10	BK-7	¥3,800
TS-0240S35	50	300	298.32	5.1	3.11	BK-7	¥3,800
TS-0424S	80	50	35.50	40.0	3.54	F-2	¥25,000
TS-0425S1	80	100	93.33	20.0	3.45	BK-7	¥18,500

クラウン = Crown

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カタログ製品以外の特注品も承ります。