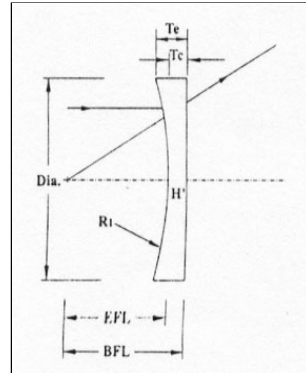




The Precision People

## AL13-BK7 Plano-Concave Lenses

Material: BK7 grade A optical glass  
 Design Wavelength: 587.6nm  
 Diameter Tolerance: +0.0/-0.1mm  
 Center Thickness Tolerance: ±0.2mm  
 Surface Figure: λ/4 @632.8nm  
 Focal Length Tolerance: ±2%  
 Centering Tolerance: 3 arc minutes  
 Surface Quality: 60-40 scratch-dig  
 Bevel: 0.2mmX45°  
 Coatings: without coating



Catalog No.	Dia.	EFL	BFL	R <sub>1</sub>	Tc	Te
AL13-004-005	4.0	-5.0	-5.99	-2.582	1.5	2.45
AL13-004-006	4.0	-6.3	-7.29	-3.253	1.5	2.19
AL13-004-010	4.0	-10.0	-10.99	-5.17	1.5	1.90
AL13-006-008	6.3	-8.0	-8.987	-4.13	1.5	2.96
AL13-006-010	6.3	-10.0	-11.0	-5.17	1.5	2.57
AL13-006-012	6.3	-12.5	-13.5	-6.46	1.5	2.32
AL13-006-016	6.3	-16.0	-16.99	-8.26	1.5	2.12
AL13-006-020	6.3	-20.0	-20.99	-10.33	1.5	1.99
AL13-006-025	6.3	-25.0	-25.99	-12.91	1.5	1.89
AL13-006-040	6.3	-40.0	-40.98	-20.65	1.5	1.71
AL13-006-063	6.3	-63.0	-63.93	-32.5	1.5	1.65
AL13-010-012	10.0	-12.5	-13.5	-6.46	1.5	3.87
AL13-010-016	10.0	-16.0	-8.26	-2.582	1.5	3.19
AL13-010-020	10.0	-20.0	-20.99	-10.327	1.5	2.79
AL13-010-025	10.0	-25.0	-25.99	-12.91	1.5	2.51
AL13-010-032	10.0	-31.5	-32.5	-16.27	1.5	2.29
AL13-010-040	10.0	-40.0	-40.98	-20.65	1.5	2.11
AL13-010-050	10.0	-50.0	-51.03	-25.84	1.5	1.99
AL13-010-063	10.0	-63.0	-63.93	-32.5	1.5	1.89
AL13-010-100	10.0	-100.0	-101.00	-51.64	1.5	1.74
AL13-016-020	16.0	-20.0	-20.99	-10.33	1.5	5.29
AL13-016-025	16.0	-25.0	-25.99	-12.91	1.5	4.22
AL13-016-032	16.0	-31.5	-32.5	-16.27	1.5	3.60
AL13-016-040	16.0	-40.0	-40.98	-20.65	1.5	3.11
AL13-016-050	16.0	-50.0	-51.66	-25.84	1.5	2.77
AL13-016-063	16.0	-63.0	-63.98	-32.5	1.5	2.50
AL13-016-080	16.0	-80.0	-80.97	-41.3	1.5	2.28
AL13-016-100	16.0	-100.0	-101.00	-51.64	1.5	2.12
AL13-016-160	16.0	-160.0	-161.00	-82.62	1.5	1.89
AL13-025-025	25.0	-25.4	-26.71	-13.11	2.0	11.16
AL13-025-032	25.0	-31.5	-32.83	-16.27	2.0	7.86
AL13-025-040	25.0	-40.0	-40.98	-20.65	2.0	6.21
AL13-05-050	25.0	-50.0	-51.36	-25.84	2.0	5.22
AL13-025-063	25.0	-63.0	-64.26	-32.5	2.0	4.50
AL13-025-080	25.0	-80.0	-81.3	-41.3	2.0	3.94
AL13-025-100	25.0	-100.0	-101.3	-51.64	2.0	3.54
AL13-025-125	25.0	-125.0	-126.3	-64.55	2.0	3.22
AL13-025-160	25.0	-160.0	-161.3	-82.62	2.0	2.95
AL13-025-200	25.0	-200.0	-201.3	-103.28	2.0	2.75
AL13-025-250	25.0	-250.0	-251.4	-129.13	2.0	2.61
AL13-025-400	25.0	-400.0	-400.5	-206.1	2.0	2.38
AL13-025-500	25.0	-500.0	-501.3	-258.18	2.0	2.30
AL13-025-1000	25.0	-1000.0	-1001	-516.5	2.0	2.15
AL13-040-050	40.0	-50.0	-51.69	-25.84	2.5	11.98
AL13-040-063	40.0	-63.0	-64.58	-32.5	2.5	9.38
AL13-040-080	40.0	-80.0	-81.63	-41.3	2.5	7.47

## Plano-Concave Lenses from Align Optics

AL13-040-100	40.0	-100.0	-101.7	-51.64	2.5	6.53
AL13-040-125	40.0	-125.0	-126.7	-64.55	2.5	5.68
AL13-040-160	40.0	-160.0	-161.7	-82.62	2.5	4.96
AL13-040-200	40.0	-200.0	-201.6	-103.28	2.5	4.46
AL13-040-250	40.0	-250.0	-251.9	-129.24	2.5	4.06
AL13-040-500	40.0	-500.0	-501.6	-258.18	2.5	3.28
AL13-050-063	50.0	-63.0	-64.92	-32.5	3.0	14.73
AL13-050-080	50.0	-80.0	-81.96	-41.3	3.0	11.43
AL13-050-100	50.0	-100.0	-102	-51.64	3.0	9.45
AL13-050-160	50.0	-160.0	-162	-82.62	3.0	6.87
AL13-050-250	50.0	-250.0	-252.3	-129.24	3.0	5.11
AL13-050-500	50.0	-500.0	-502	-258.18	3.0	4.21

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