VISION-EASE LENS
WORLDWIDE

PRODUCT REFERENCE GUIDE

High Index

Thindex™ 1.70

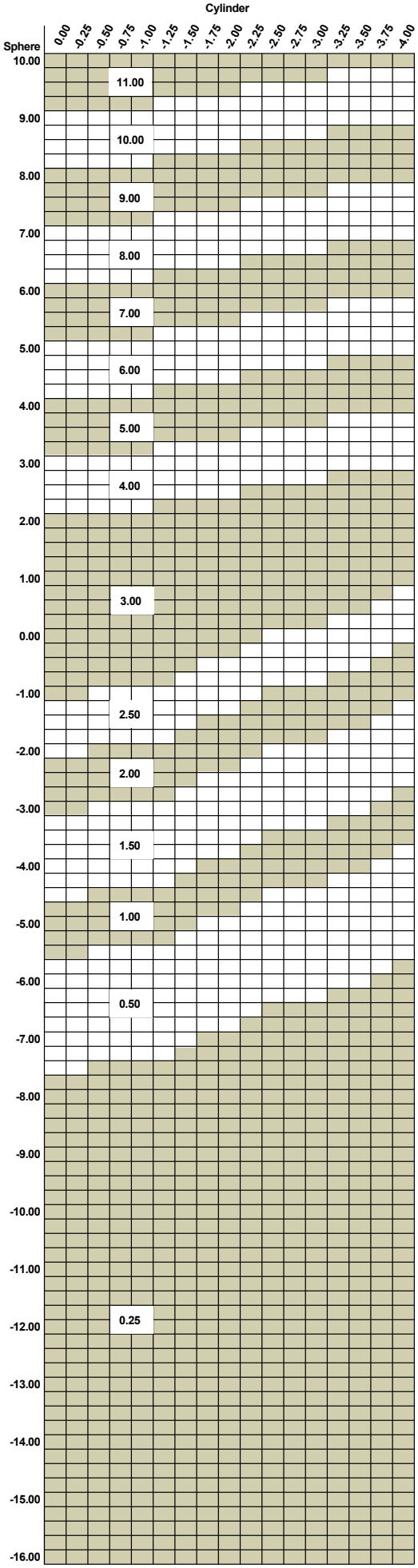
Aspheric Semi-Finished Single Vision

65mm, 70mm, 75mm Aspheric Single Vision (Uncoated)

Base Curve	True Curve	Front Radius	50mm SAG*	Back Curve	Back Radius	CT (mm) Nominal	ET (mm) Nominal	Diameter
0.25	0.31	1709.677	0.183	-8.03	-66.002	5.20	13.60	65
0.25XTH	0.31	1709.677	0.183	-8.03	-66.002	10.30	18.70	65
0.25	0.31	1709.677	0.183	-8.03	-66.002	3.80	13.60	70
0.25XTH	0.31	1709.677	0.183	-8.03	-66.002	5.60	15.40	70
0.50	0.51	1039.216	0.301	-6.49	-87.028	3.80	12.40	75
1.00	0.90	588.888	0.531	-5.53	-95.841	3.80	10.30	75
1.50	1.28	414.063	0.755	-5.14	-103.112	3.80	9.20	75
2.00	1.67	317.365	0.986	-5.16	-102.713	4.00	8.90	75
2.50	2.05	258.537	1.211	-5.16	-102.713	3.80	8.20	75
3.00	2.80	189.286	1.658	-5.16	-102.713	3.80	7.10	75
4.00	3.35	158.209	1.988	-6.12	-86.601	3.80	7.30	70
5.00	4.09	129.584	2.434	-6.12	-86.601	4.20	6.80	70
6.00	4.76	111.345	2.842	-4.55	-116.484	4.50	4.30	65
7.00	5.49	96.539	3.293	-4.55	-116.484	5.20	4.20	65
8.00	6.18	85.761	3.725	-4.52	-117.257	5.90	4.10	65
9.00	6.90	76.812	4.182	-4.52	-117.257	6.60	3.90	65
10.00	7.59	69.829	4.629	-4.52	-117.257	7.30	3.80	65
11.00	8.26	64.165	5.071	-4.52	-117.257	7.90	3.60	65
11.00XTH	8.26	64.165	5.071	-4.52	-117.257	10.60	6.30	65

*Utilized for power calculation only, not for thickness calculation.

Base Curve Selection



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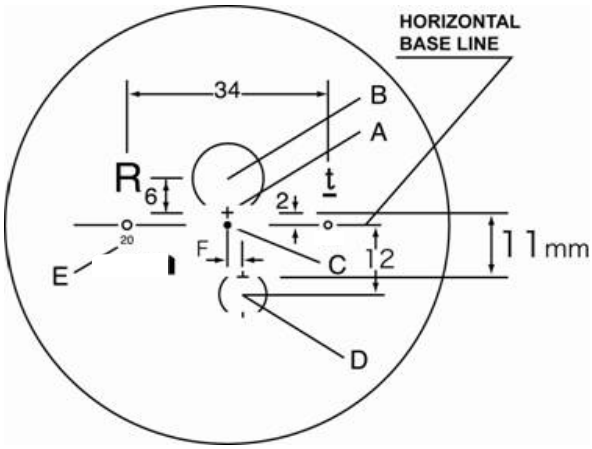

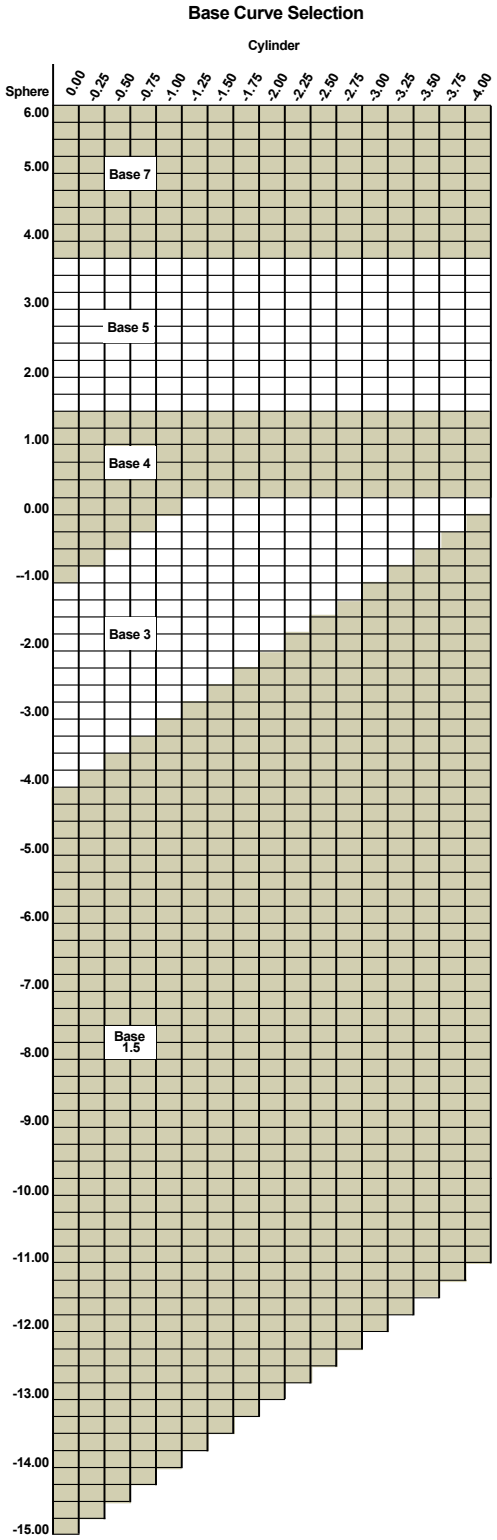

High Index

Novella™ Thindex™ 1.70
Short Corridor Progressive Addition Lenses
70mm Progressive (Uncoated)

Base Curve	True Curve (1.530)	Front Radius	50mm SAG*	Back Curve	Back Radius	CT (mm) Nominal	ET (mm) Nominal	MRP	Location
1.50	1.00	530.000	0.590	-8.75	-60.571	5.5	15.3	2.0 Up	0.0 In
3.00	2.33	227.468	1.378	-6.07	-87.315	5.9	10.3	2.0 Up	0.0 In
4.00	3.75	141.333	2.229	-6.43	-82.426	6.5	9.7	2.0 Up	0.0 In
5.00	4.76	111.345	2.842	-6.07	-87.315	8.5	10.0	2.0 Up	0.0 In
7.00	5.57	95.153	3.343	-5.51	-96.189	10.2	9.9	2.0 Up	0.0 In

Base Curve	Clear
1.50	+1.00 to +3.50
3.00	+1.00 to +3.50
4.00	+1.00 to +3.50
5.00	+1.00 to +3.50
7.00	+1.00 to +3.50

*Utilized for power calculation only, not for thickness calculation.

VISION-EASE LENS
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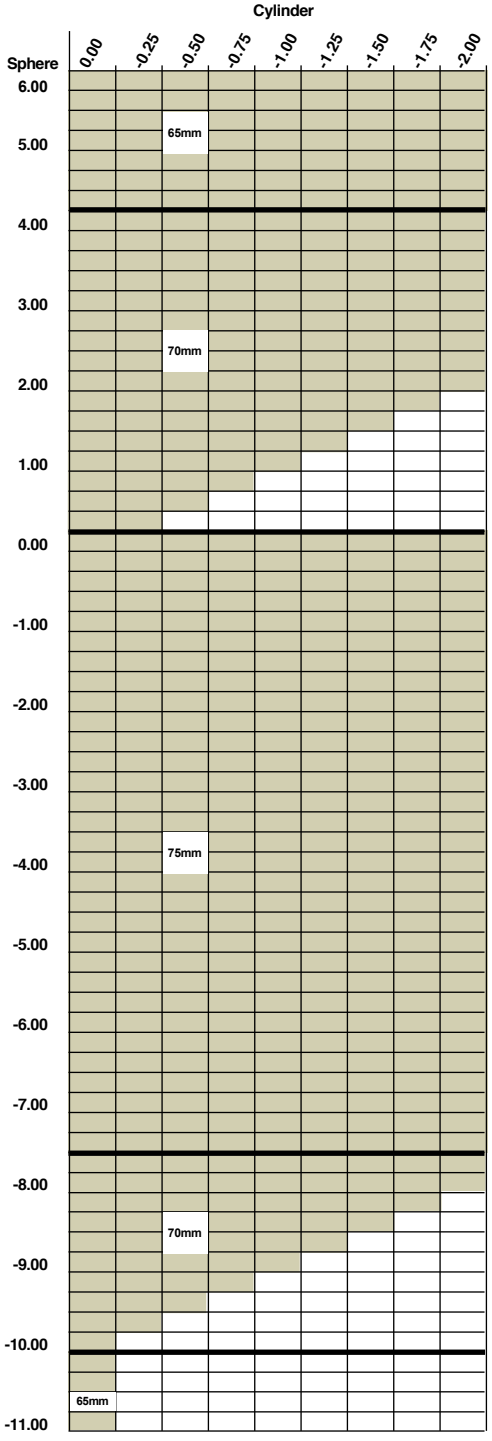
PRODUCT REFERENCE GUIDE

High Index

Thindex™ 1.70 A FSV SuperHydro AR Aspheric Finished Single Vision

65mm, 70mm, 75mm Finished Single Vision

Sphere Power Up to -2.00 cyl	Base Curve	Curve Radius	Center Thickness
6.00	5.49	96.539	4.8 / 0.7
5.75	5.49	96.539	4.6 / 0.7
5.50	5.49	96.539	4.5 / 0.7
5.25	5.49	96.539	4.3 / 0.7
5.00	4.76	111.345	4.1 / 0.7
4.75	4.76	111.345	3.9 / 0.7
4.50	4.76	111.345	3.7 / 0.7
4.25	4.76	111.345	3.5 / 0.7
4.00	4.09	129.584	3.8 / 0.7
3.75	4.09	129.584	3.6 / 0.7
3.50	4.09	129.584	3.3 / 0.7
3.25	4.09	129.584	3.1 / 0.7
3.00	3.35	158.209	3.1 / 0.7
2.75	3.35	158.209	2.9 / 0.7
2.50	3.35	158.209	2.7 / 0.7
2.25	3.35	158.209	2.5 / 0.7
2.00	2.80	189.286	2.5 / 0.8
1.75	2.80	189.286	2.4 / 0.9
1.50	2.80	189.286	2.4 / 1.0
1.25	2.80	189.286	2.2 / 1.2
1.00	2.80	189.286	2.1 / 1.3
0.75	2.80	189.286	2.0 / 1.4
0.50	2.80	189.286	2.0 / 1.5
0.25	2.80	189.286	1.8 / 1.7
Plano	2.80	189.286	1.8
-0.25	2.80	189.286	2.0
-0.50	2.80	189.286	1.9
-0.75	2.80	189.286	1.8
-1.00	2.80	189.286	1.6
-1.25	2.05	258.537	1.4
-1.50	2.05	258.537	1.2
-1.75	2.05	258.537	1.0
-2.00	2.05	258.537	1.0
-2.25	1.67	317.365	1.0
-2.50	1.67	317.365	1.0
-2.75	1.67	317.365	1.0
-3.00	1.67	317.365	1.0
-3.25	1.28	414.063	1.0
-3.50	1.28	414.063	1.0
-3.75	1.28	414.063	1.0
-4.00	1.28	414.063	1.0
-4.25	1.28	414.063	1.0
-4.50	1.28	414.063	1.0
-4.75	0.90	588.889	1.0
-5.00	0.90	588.889	1.0
-5.25	0.90	588.889	1.0
-5.50	0.90	588.889	1.0
-5.75	0.51	1039.216	1.0
-6.00	0.51	1039.216	1.0
-6.25	0.51	1039.216	1.0
-6.50	0.51	1039.216	1.0
-6.75	0.51	1039.216	1.0
-7.00	0.51	1039.216	1.0
-7.25	0.51	1039.216	1.0
-7.50	0.51	1039.216	1.0
-7.75	0.31	1709.677	1.0
-8.00	0.31	1709.677	1.0
-8.25	0.31	1709.677	1.0
-8.5	0.31	1709.677	1.0
-8.75	0.31	1709.677	1.0
-9.00	0.31	1709.677	1.0
-9.25	0.31	1709.677	1.0
-9.50	0.31	1709.677	1.0
-9.75	0.31	1709.677	1.0
-10.00	0.31	1709.677	1.0
-10.25	0.31	1709.677	1.0
-10.50	0.31	1709.677	1.0
-10.75	0.31	1709.677	1.0
-11.00	0.31	1709.677	1.0

Base Curve Selection