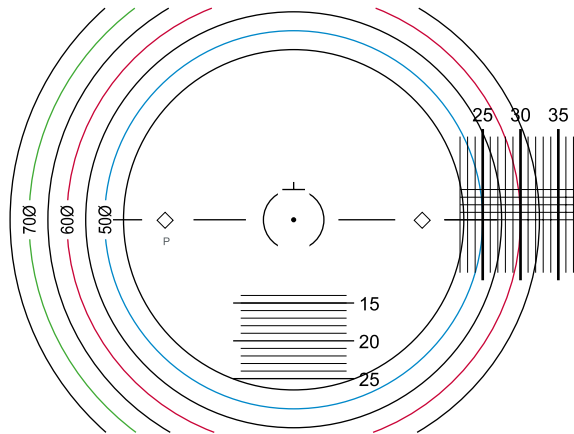


SV Perform™



Engraving
Sign: P Symbol: ◇

More information	
Limits	p. 3
Coating	p. 6
Filter/Tint	p. 8
Pol/Trans	p. 7
Spec. grinding	p. 4-5

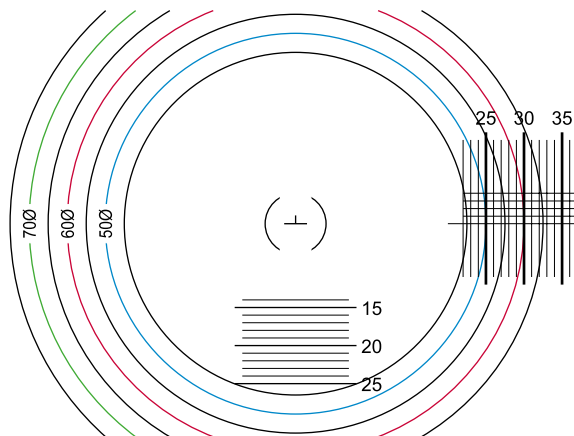
INDEX 1.50 1.60 1.67 1.74

A SV lens with ML Perform™ calculation to optimize the optics in all directions.

ML Perform™ is recommended to:
-customers with high demand
-powers above +-2 diopters
-high curved frames

Default values for frame parameters:
CVD: 13 mm
FFT: 4 degrees
PT: 6 degrees

SV Atoric™



No engraving

More information	
Limits	p. 3
Coating	p. 6
Filter/Tint	p. 8
Pol/Trans	p. 7
Spec. grinding	p. 4-5

INDEX 1.50 1.60 1.67 1.74

A SV lens with ML Atoric™ calculation to optimize the optics centrally.

ML Atoric™ is recommended to:
-customers who adjust their gaze with head movement rather than eye movement
-powers above +-2 diopters.

The lens should be fitted with the optical axis of the lens passing through the rotational center of the eye. See image on page 3.

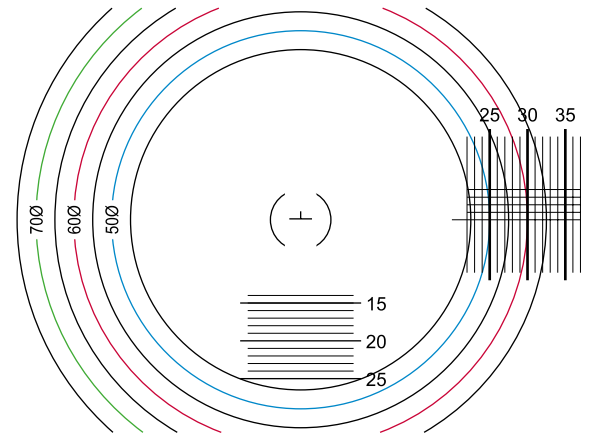
SV Classic

INDEX 1.50 1.60 1.67 1.74

SV lens with classic spherical design.

No engraving

Available with a very generous power range (see table below).



More information	
Limits	p. 3 and below
Coating	p. 6
Filter/Tint	p. 8
Pol/Trans	p. 7
Spec. grinding	p. 4-5

The table below shows the power limits for classic single vision with special grinding. For power limits without special grinding, see page 3.

	1.50				1.60				1.67				1.74			
	+ Sphere #	- Sphere	Cylinder	Prism *	+ Sphere #	- Sphere	Cylinder	Prism *	+ Sphere #	- Sphere	Cylinder	Prism *	+ Sphere #	- Sphere	Cylinder	Prism *
SV Ø60mm	+32AE	-50CE	-20CD	20A	+16AE	-30C	-20CD	8	+16AE	-30C	-20CD	8	+14AE	-30C	-15CD	8
SV Ø70mm	+12E	-50CE	-15CD	14A	+12E	-30C	-15CD	6	+12E	-30C	-15CD	6	+9E	-30C	-15CD	6
SV Ø75mm	+8E	-50CE	-15CD	9A	+11E	-30C	-15CD	6	+11E	-30C	-15CD	6	+6E	-30C	-15CD	6
SV Ø60mm Trans	+10AE	-30C	-15C	12A	+16AE	-30C	-15C	8	+14AE	-30C	-15C	8	-	-	-	-
SV Ø70mm Trans	+8E	-30C	-15C	9A	+12E	-30C	-15C	6	+12E	-30C	-15C	6	-	-	-	-
SV Ø75mm Trans	+6E	-30C	-15C	6A	+9E	-30C	-15C	6	+9E	-30C	-15C	6	-	-	-	-
SV Ø60mm Pol	+10AE	-30C	-15C	12A	+13E	-30C	-15C	8	+13E	-30C	-15C	8	-	-	-	-
SV Ø70mm Pol	+8E	-30C	-15C	9A	+11E	-30C	-15C	6	+11E	-30C	-15C	6	-	-	-	-
SV Ø73mm Pol	+7E	-30C	-15C	6A	+9E	-30C	-15C	6	+9E	-30C	-15C	6	-	-	-	-
SV Ø60mm DW	+10AE	-30C	-15C	12A	-	-	-	-	-	-	-	-	-	-	-	-
SV Ø70mm DW	+8E	-30C	-15C	9A	-	-	-	-	-	-	-	-	-	-	-	-

+ and - sphere means highest absolute power. All limits are approximate and depends on combination diameter, cylinder axis and prism base. We recommend to always contact us if needed powers are close to the limits above.
 *=Max prism depends on combination of base, diameter and power. # = For multifocals, the limit is depending on the addition. Add +2 lowers the limit with approx. 1 dptr. Add +3 with approx. 2 dptr. Add +4 with approx. 3 dptr.
 A=Possible with decreased diameter. I.e +32 is possible with max 42 mm diameter. E=Biconvex/Biconcave
 C=Myosoft. D=Combi cylinder/Front toric. Under favourable conditions, cyl up to -25 can be manufactured

Single vision high plus powers

To produce high plus powers, it's sometimes required to use lenticularization. Lenti has a sharp overlap between the optical zone and the carrier while Omega has a smooth overlap between the optical zone and the carrier.

ML X-LENTI

POWER

ML X-Lenti is available in the powers +12, +16, +20 and +24 or with individual correction. For individual correction, see next page.

MATERIAL

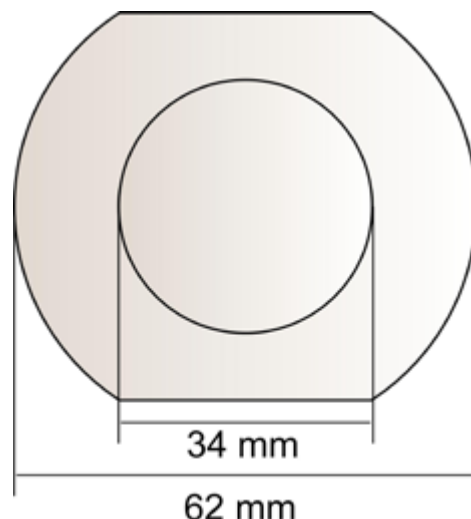
ML X-Lenti is made of CR-39. A familiar material easy to handle.

DESIGN

The lens has a total diameter of 62 mm and an optical zone of 34 mm.

TREATMENTS AND TINTS

ML X-Lenti is available both with and without ML Filter 400. It can be tinted with other tints and coated with all our coatings.



Hyperocular

Hyperocular is not available with individual correction and the power is described as a magnification based on equivalent power.

POWER

Hyperocular is available in the powers 4x, 5x, 6x, 8x, 10x and 12x. The powers are based on equivalent powers. See table below

MATERIAL

Hyperocular is injection molded in PMMA. PMMA is scratch resistant but have poor UV protection.

DESIGN

All lenses have a total diameter of 65 mm and a variable lenticular zone fo between 30 mm to 40 mm depending on power.

TREATMENTS AND TINTS

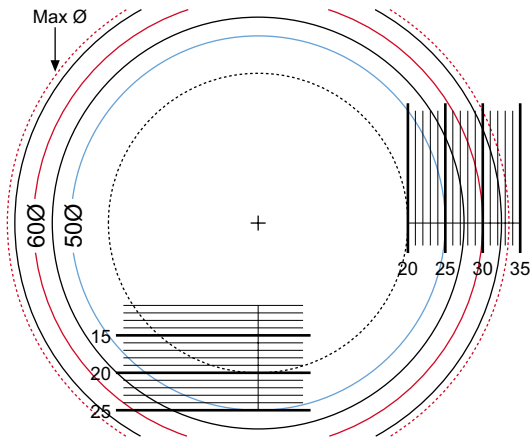
Hyperocular is not possible to coat or tint.

Hyperocular is measured in equivalent powers as follows:

Noted power	Equivalent	Back vertex power
8x	+32	+39
10x	+40	+52
12x	+48	+70

Lenti Classic zone 40Ø

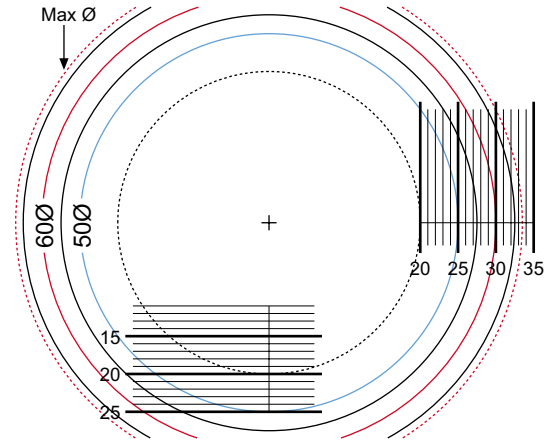
INDEX 1.50



Design	Ø	Normal range				Special range			
		+ Sphere	- Sphere	Cylinder	Prism *	+ Sphere	- Sphere	Cylinder	Prism *
Classic	62	20	-	-10	6	+22AE	-	-10	6

More information	
Coating	p. 6
Filter/Tint	p. 8
Pol/Trans	n/a
Spec. grinding	p. 4-5

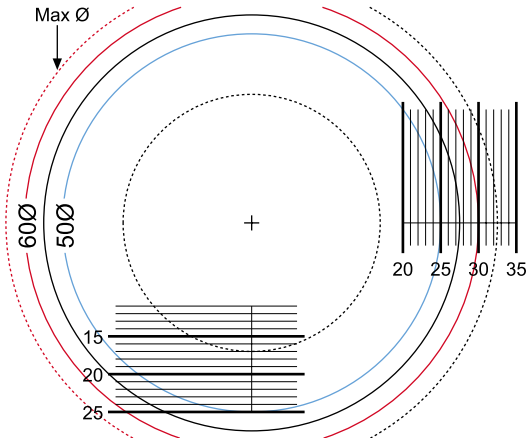
Lenti Atoric zone 40Ø



Design	Ø	Normal range				Special range			
		+ Sphere#	- Sphere	Cylinder	Prism *	+ Sphere#	- Sphere	Cylinder	Prism *
Atoric	60	+7	-10	-10	6	+9AE	-18C	-10	10

X-Lenti zone 34Ø

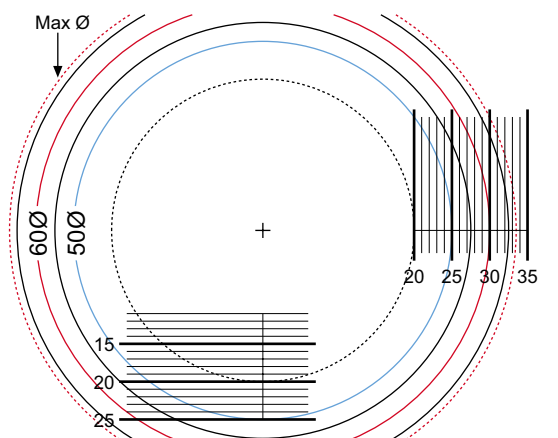
INDEX 1.50



Design	Ø	Normal range				Special range			
		+ Sphere	- Sphere	Cylinder	Prism *	+ Sphere	- Sphere	Cylinder	Prism *
Classic	62	+24	-	-6	-	+24	-	-6	-

More information	
Coating	p. 6
Filter/Tint	p. 8
Pol/Trans	n/a
Spec. grinding	p. 4-5

Omega (Aspheric) zone 40Ø



Design	Ø	Normal range				Special range			
		+ Sphere	- Sphere	Cylinder	Prism *	+ Sphere	- Sphere	Cylinder	Prism *
Aspheric	67	+22	-	-10	6	+24AE	-	-10	6

A=Possible with reduced diameter C=With Myosoft
E=Bi convex *=Prism depends on prism base and power