



EyePoint Technology™
The Design Inside

EyePoint Technology® simulates the human eye in every angle, prescription, and field of vision. These techniques enable Shamir to create the most sophisticated progressive lens surfaces based upon thousands of points of data. It's this "design inside" that makes Shamir progressive lenses the most advanced in the world.

Shamir Duo™ - A New Visual Harmony

To overcome these disadvantages, Shamir has developed a new bifocal lens design – Shamir Duo™. An advanced Freeform® lens, Shamir Duo™ offers surface continuity, eliminating the visible line. It also offers optical continuity, eliminating the image jump and loss of image. By eliminating these problems associated with traditional bifocal lenses, Shamir Duo™ maintains a natural, distortion free visual path as the eye moves from one vision zone to another.

Now with Shamir Duo™, there is no need to compromise either on appearance or on visual comfort.

Characteristics of new generation Bifocal: Shamir Duo™



Eliminates the visible dividing line between vision zones, generally associated with an older age group.



Smooth surface means no visual distortion along the natural eye path, easy cleaning and allows a wide choice of materials and advanced coatings.

Measurement Information

Provide the following information:

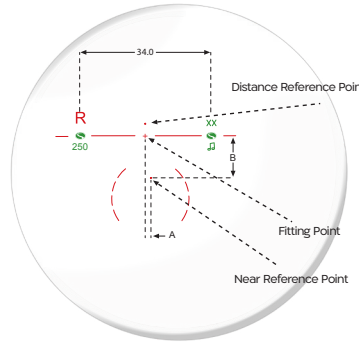
- Patient Distance and Near Rx do not adjust
- Fitting Height
- Monocular Distance PD
- Frame Measurements A/B/DBL&ED

Fitting Instructions:

The Shamir™ fitting point should coincide with the center of the pupil, using the invisible markings for verification

*It is strongly recommended that you provide all of the above mentioned measurements.

Technical Information



Fitting Height	A* (see diagram)	B (see diagram)	M Invisible Marking (see diagram)
15mm	1.5	11	J

*Inset affected by design and Near P.D. Value listed is if no Near PD provided

Minimum Fitting Height: 15mm
Ink Marking: Red • Invisible Marking: Green

Availability:

Material	Prescription Range [D]	Addition	Cylinder
1.50 Hard Resin (C,T,V,T7,P,TX,D)	-9.00 to +6.00	0.75 to 4.00	to -6.0 [D]
DLC Trivex™ (C,T,V,T7,P,TX,BZ)	-13.25 to +6.00	0.75 to 4.00	to -6.5 [D]
1.56 (B)	-14.00 to +6.00	0.75 to 4.00	to -6.75 [D]
NXT™ (PH)	-1.75 to +6.00	0.75 to 4.00	to -6.50 [D]
1.6 SuperLite™ (C,T7,P,TX)	-15.00 to +6.00	0.75 to 4.00	to -7.0 [D]
1.67 SuperLite™ (C,T7,P,TX,D,BZ)	-16.75 to +8.00	0.75 to 4.00	to -8.00
Polycarbonate (C,T,V,T7,P,TX,D,BZ)	-14.75 to +6.00	0.75 to 4.00	to -7.00
1.74 SuperLite™ (C,T7)	-18.75 to +12.00	0.75 to 4.00	to -9.00

LEGEND:

- C - Clear
- TV - Transitions® Vantage™
- T7 - Transitions® Signature7™
- P - Polarized
- TX - Transitions® XTRActive™
- B - BLUTech (Indoor & Outdoor)
- D - Drivewear®
- N - NXT™
- BZ - Blue Zero™
- S - SunSync®
- PH - Photochromic

POWER RANGE IS DETERMINED BY SHAMIR CERTIFIED BLANK RANGE PRISM TO 10 DIOPTERS IN EACH QUADRANT

⚠ **WARNING:** Polycarbonate lenses can expose you to chemicals including Bisphenol A (BPA) and 1.74 index lenses can expose you to Methimazole, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov.

Features & Benefits

In addition to improved appearance as well as improved vision, Shamir Duo™ offers other important advantages over flat-top bifocals which limit the type of lens materials and treatments that can be used, allowing less versatility and offering patients fewer choices.

A Harmony of Advantages

- **Improved appearance:** Eliminates the visible dividing line between vision zones
- **Improved visual performance:** Visual continuity between zones
- **Suitable for sunglasses:** Tinted, Photochromic and Polarized
- **Available in a wide variety of materials** including high index for thin, aesthetically appealing lenses
- **Suitable for a range of premium coatings**
- **Ideal for presbyopes** with progressive lens adaptation difficulties

