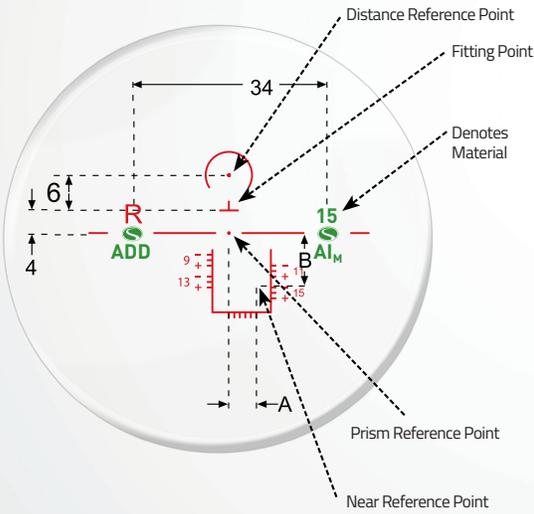


# Shamir Autograph Intelligence™

— Designed to match your Visual Age™

## TECHNICAL INFORMATION



Fitting Height	"A" * (see diagram)	"B" (see diagram)	"M" Invisible Marking (see diagram)
11mm	2	5	11
13mm	2	8	13
15mm	2.2	9	15
18mm	2.5	11	18
Variable	According to reading zone position		

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

## Availability

Fitting Heights - 11mm, 13mm, 15mm, 18mm, and Variable

Material	Prescription Range [D]	Addition	Cylinder
1.5 Hard Resin (C,BZ,P,D,T7,TX)	-12.25 to +6.50	0.75 to 3.50	to -6.0 [D]
DLC™ Trivex™ (C,BZ,P,T7,TX)	-13.25 to +7.00	0.75 to 3.50	to -6.5 [D]
1.56 (B)	-14.00 to +7.50	0.75 to 3.50	to -6.75 [D]
Polycarbonate (C,BZ,P,D,T7,TX)	-14.75 to +8.75	0.75 to 3.50	to -7.0 [D]
1.6 SuperLite™ (C,BZ,P,D,T7,TX)	-14.75 to +8.75	0.75 to 3.50	to -7.0 [D]
1.67 SuperLite™ (C,BZ,P,T7,TX)	-16.75 to +10.00	0.75 to 3.50	to -8.0 [D]
1.74 SuperLite™ (C,T7)	-18.75 to +10.75	0.75 to 3.50	to -9.0 [D]

### LEGEND:

- C-Clear
- T7-Transitions® Signature7™
- PH-Photochromic
- P-Polarized
- TV-Transitions® Vantage™
- TX-Transitions® XTRActive™
- B - BluTech
- D - Drivewear®
- BZ-Blue Zero™

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](http://www.P65Warnings.ca.gov).



# SHAMIR



## As-Worn Technology™ Measurements

To get the maximum benefit from As-Worn Technology™, the actual measurements of the wearer should be included (Vertex Distance - Fitted, Pantoscopic Tilt, Panoramic Angle). **The patient will benefit greatly from using their personal measurements, experiencing more precise and perfected vision.**

If the As-Worn measurements are not included with the Shamir **Autograph Intelligence™** order, the Shamir Prescripator Software® will use defaults. These defaults are based on averages.

### DEFAULT MEASUREMENTS:

#### Shamir **Autograph Intelligence™**

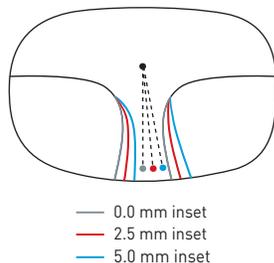
- 13 mm Vertex Distance
- 4° Pantoscopic Tilt
- 5° Panoramic Angle

The ranges for the "As-Worn" measurements are as follows:

- Vertex Distance: 5 mm - 30 mm
- Pantoscopic Tilt: -10 - 12°
- Panoramic Angle: 0 - 12°

## Close-Up™ Measurements

Shamir's Close-Up™ technology adjusts the reading zone inset of every lens to the individual patient's convergence during near viewing. Adjustments are made in 0.1 mm steps within a range of 0 - 5 mm. In other words, the lens is custom-adjusted to the individual's near PD, relative to their far PD.



### FITTING WITH CLOSE-UP™:

Simply add the Mono near PD measurement to the order parameters. You can easily use a common pupilometer to measure with regard to the patient's near and far reading distances. Based on these parameters, the inset will be calculated to adjust the near zone. If Close-Up™ is not chosen, inset will be default per design.

## As-Worn Technology™ - Resultant Rx™

These three patient measurements are included to better interpret between the prescription derived from the phoropter and the prescription required by the doctor for the patient's selected frame. In order to take advantage of the benefits of As-Worn Technology™, the following measurements are required:

1. **Vertex distance** (fitted): Vertex distance is the distance from the front of the eye to the back of the lens.
2. **Pantoscopic tilt:** Pantoscopic tilt is the angle of the frame to the face on the patient (in the phoropter this is zero).
3. **Panoramic angle:** Panoramic angle is the parabolic curve of the frame in relation to a flat plane (the curvature of the frame in relationship to the patient's face).

By supplying the complete frame and fitting data in addition to these parameters, you are able to accurately deliver a personalized and superior lens to your patient as prescribed by the doctor for that specific frame.

## How to Order Shamir Autograph Intelligence™

### Provide the following information:

- Patient's prescription
- Frame Data: A, B, ED & DBL or frame tracer file
- Fitting height & Mono PD (far and near)
- Panoramic angle\*
- Pantoscopic tilt\*
- Vertex distance\*

\*To receive the maximum As-Worn Technology™ benefits, it is recommended that you provide all of the above mentioned measurements.

Technical Inquiries: 888.370.0736



ReCreating Perfect Vision®  
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