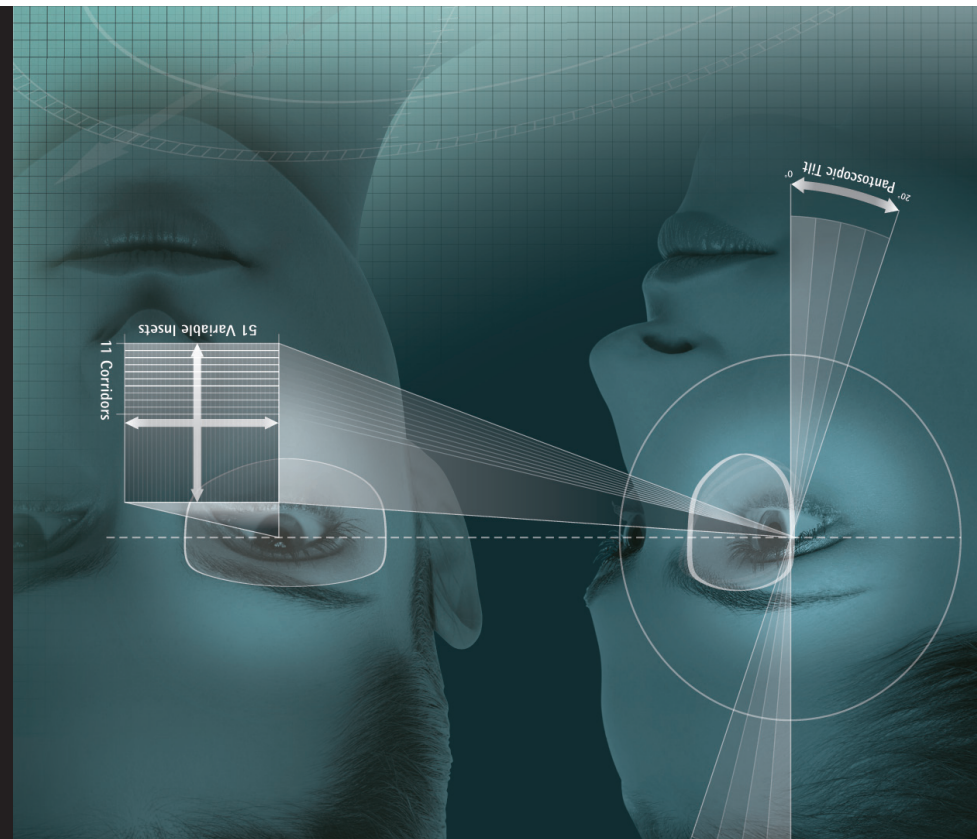


SEIKO

# SEIKO Superior

Most Advanced & Precisely Customized,



## Specifications

Index:	Clear	Polarized	Transitions <sup>®</sup>	Transitions <sup>®</sup> XTRActive™	Transitions <sup>®</sup> Vantage™
1.50	●	●	●		●
1.53 (Trivex <sup>®</sup> )	●		●	●	●
1.59 (Poly)	●	●	●	●	●
1.60	●		●		
1.67	●	●	●	●	
1.74	●				

**Lens Designs:** Superior B (Balanced), Superior N (Near Priority), Superior F (Far Priority)

**Corridor Length (Min. Fit Ht.):** 8mm (12mm), 9mm (13mm), 10mm (14mm), 11mm (15mm), 12mm (16mm), 13mm (17mm), 14mm (18mm), 15mm (19mm), 16mm (20mm), 17mm (21mm), 18mm (22mm)

**Add Powers:** +0.50 to +4.00D in 0.25 diopter steps (corridors 10mm to 18mm)  
+0.50 to +3.00D in 0.25 diopter steps (corridors 8mm & 9mm)

**Range:** Extended Cylinder range to -5.00D (Total power -12.50D)

**Prism:** 0.25 to 3.00D

**Inset:** 0.0 to 5.0mm (0.1mm steps) Customized placement requires specification of preferred reading distance (cm). Automatic inset placement based on distance prescription and PD (35cm default).

**Pantoscopic Tilt:** 0 to 20 in 1° steps (10° default)

**Measured Power:** Distance, intermediate, and near

## Production Range

Material	Power Range
1.74	-12.50 to +6.50 (TP -12.50)
1.67	-10.50 to +6.50 (TP -10.50)
1.60	-8.50 to +6.50 (TP -8.50)
1.59	-7.00 to +5.00
1.53	-7.00 to +5.00
1.50	-5.00 to +4.00

\*Polarized Ranges Will Vary

# SEIKO

## SEIKO Optical Products of America,

For more information, contact your Authorized Seiko Distributor or  
Seiko Optical Products of America, Inc. 1-800-235-5367

575 Corporate Dr., Mahwah, NJ 07430  
11545 Encore Circle, Hopkins, MN 55343

# Fitting Guide Instructions

## Measure Patient PD & Select Frame

- Obtain an accurate monocular PD and chose a lightweight, well-proportioned frame, with adjustable nose pads.

## Adjust Frame

- Fit the frame as close to the face as possible without touching skin or eyelashes. The pupil should be located in the upper half of the frame, between 50 and 75% of the total frame height.
- Measure the pantoscopic tilt using the SEIKO Measuring Tool (fig. 1). Decrease the tilt if the distance PD is below 58mm. Increase tilt if distance PD exceeds 68mm.

## Measure Fitting Height & Confirm PD

- Have the patient wear the frame for a few minutes to adjust to it. Then, with the patient looking straight ahead, place a small dot on the sample lens at the center of each pupil. Draw a horizontal line through each dot. Double-check to make sure the lines bisect the pupils.
- Place the frame on the fitting guide scale (reverse) so that the vertical line labeled "0" divides the bridge in half, and the dots and lines on the sample lenses line up on the horizontal line.
- Confirm the PD using the scale. Measure the fitting height from the lines on the sample lenses to the deepest part of the frame.

## Verify Cutout

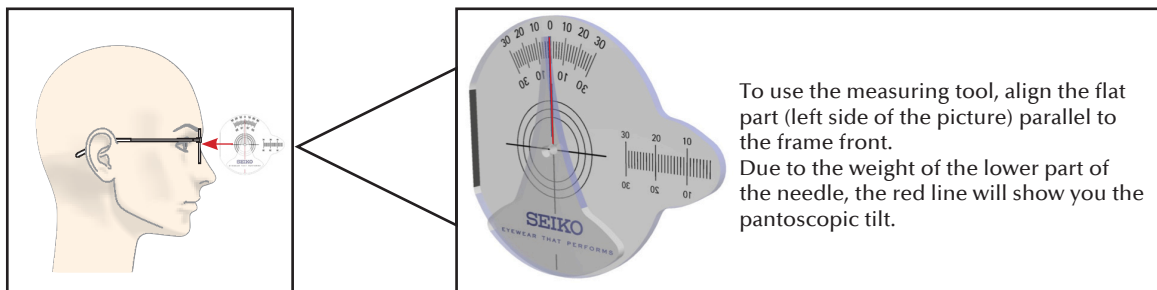
- Place the frame over the cutout circle on the fitting guide, and align the pupil dot and horizontal line that you made on the sample lens with the fitting cross. If the frame does not fit within the circle, the lens may not cut out correctly. (If the design has been decentered, the effective diameter will be larger than indicated).

## Verify Fitting Height and PD

- When the lab returns your lenses, they should have verification markings. If not, place the lenses face down on the chart to draw the markings.
- Confirm the fitting height and monocular PD by placing the frame face down on the fitting guide so that the vertical

line labeled "0" divides the bridge in half, and the fitting cross on the lenses rest on the horizontal line.

**Note: Follow fitting height recommendations.**



To use the measuring tool, align the flat part (left side of the picture) parallel to the frame front. Due to the weight of the lower part of the needle, the red line will show you the pantoscopic tilt.

## Corridor Length (Min. Fit Ht.):

8mm\* (12mm), 9mm\* (13mm), 10mm (14mm), 11mm (15mm), 12mm (16mm), 13mm (17mm), 14mm (18mm), 15mm (19mm), 16mm (20mm), 17mm (21mm), 18mm (22mm)

\*8mm & 9mm corridor lengths will be indicated by the following engraving marks:

8mm = B  
9mm = A

