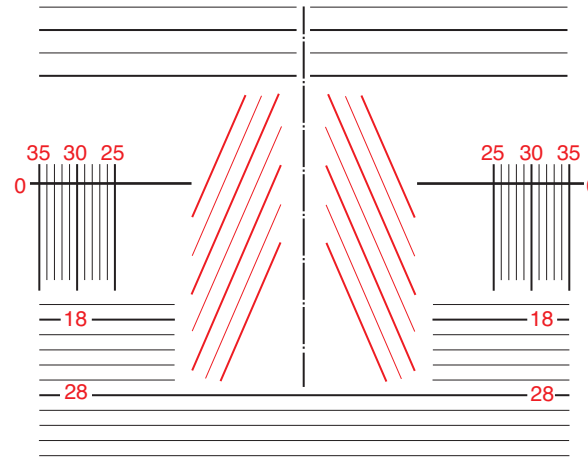
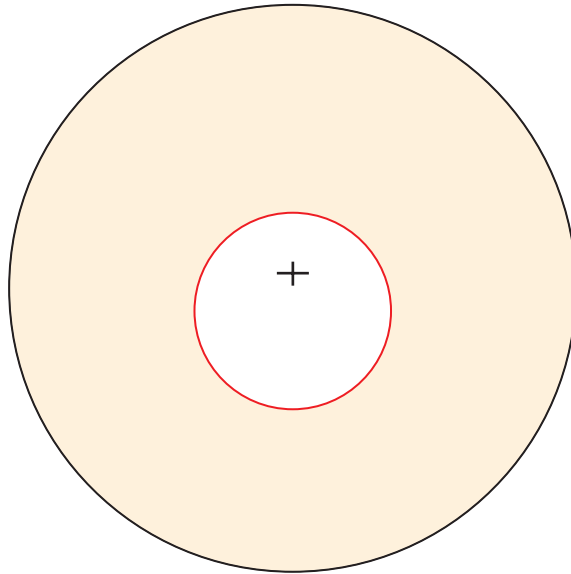
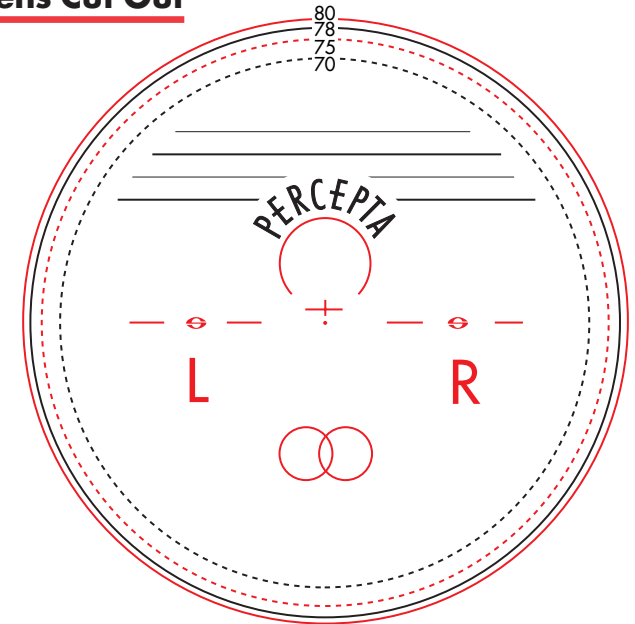


Frame Fitting Guide



Lens Cut Out



PD and Fitting Height

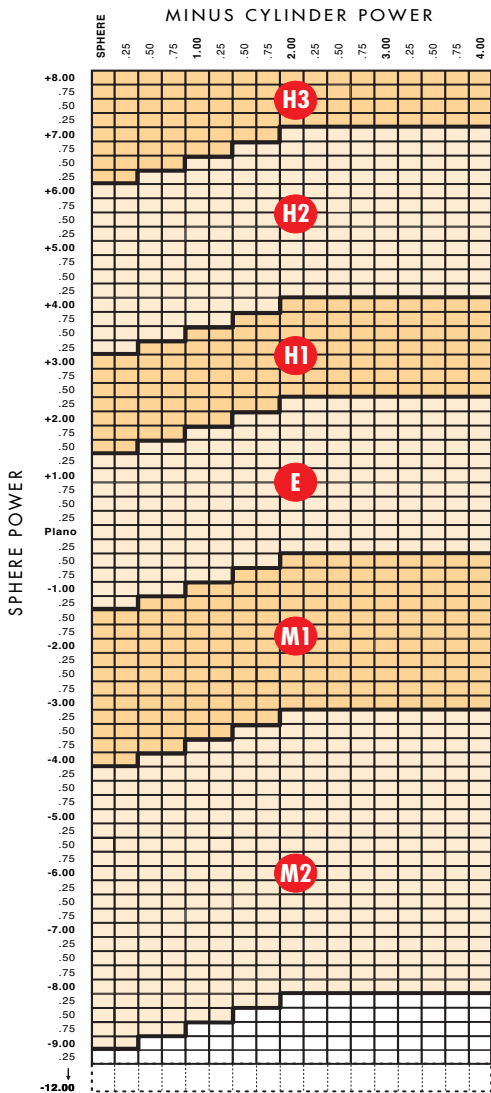
- 1 Adjust frame to fit customer.
- 2 With the customer looking straight ahead into the distance, dot each lens at the center of the pupil.
- 3 Measure the fitting height with a PD ruler.
Recommended minimum fitting height is 18 mm.
- 4 Use pupillometer to measure monocular distance PDs.
- 5 Use Frame Fitting Guide to ensure lens fit. Place frame with dotted pupil center on cross. Frame size is adequate if circle fits inside frame.
- 6 Place the right lens over the Lens Cut Out circle, aligning the pupil center dot over the fitting cross; repeat with left lens.
If frame falls outside the circle, lenses may not cut out.

Helpful Hints for Fitting Progressives

- 1 Avoid aviator shape frames. They reduce the reading area and often will not cut out.
- 2 The frame should follow the contour of the face to provide the maximum amount of side vision.
- 3 Fit the frame as close to the eyes as possible without the lenses touching the lashes.
- 4 Pantoscopic angle should be 8°-12° to give customer maximum reading area.
- 5 While fitting, the customer's back should be straight; his/her eyes should be on the same level as yours.
- 6 The fitting cross should intersect the **center** of the pupil.

Questions?
Call the SOLA
Technical Services
Hotline at
1-800-358-8258
press 3

Base Curve Selection Chart



Base Curve Selection

When Rx for Right and Left eye fall on different Base Curves, select the **flatter** of the two curves.

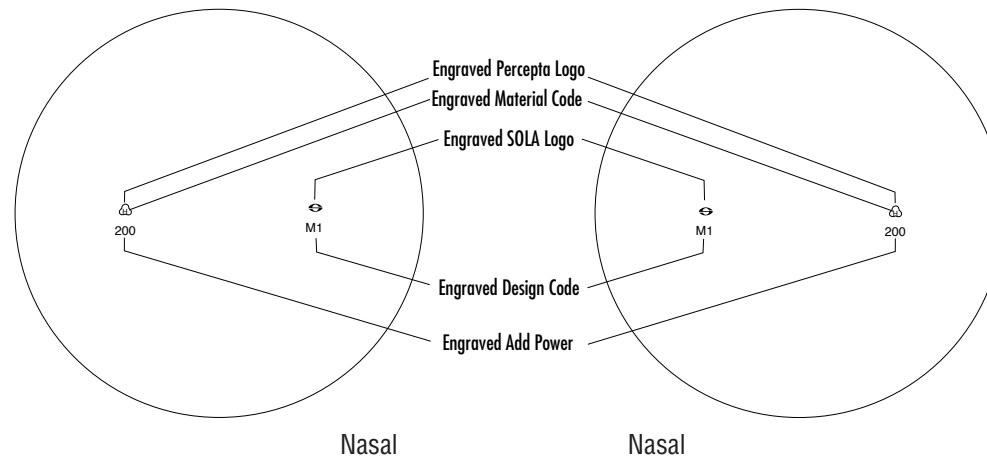
EXAMPLE 1:

R +2.00 -0.50 x 180 H1
L +1.00 -0.50 x 180 E
Add +2.75
Select E for both eyes

EXAMPLE 2:

R -2.00 -0.50 x 90 M1
L -1.00 E
Add +1.00
Select M1 for both eyes

Lens Engravings



Engraving Codes

- = SOLA "S" logo, identifies SOLA as the manufacturer
- = Trefoil product logo, identifies the PERCEPTA progressive design
- 200 = Add power

Design Codes

- H3 = Hyperope base 3
- H2 = Hyperope base 2
- H1 = Hyperope base 1
- E = Emmetropo
- M1 = Myope base 1
- M2 = Myope base 2

Material Codes

- H = Hard Resin
- P = Polycarbonate
- S = Spectralite®
- 6 = Finalite 1.6®

Diameters and Base Curves

	Diameters	Base Curves					
		H3	H2	H1	E	M1	M2
Hard Resin	75 mm		7.25				
	80 mm			5.75	5.25	3.75	1.75
Polarized Hard Resin	80 mm			5.75	5.25	3.75	
Transitions® Gray & Brown	75 mm		7.25				1.75
	78 mm			5.75	5.25	3.75	
Spectralite®	75 mm		6.75				1.00
	80 mm			5.00	4.50	2.75	
Spectralite Velocity® Transitions® Gray	78 mm		6.75				1.00
	80 mm			5.00	4.50	2.75	
Polycarbonate	76 mm						1.00
	80 mm			5.00	4.50	2.75	
Finalite 1.6®	70 mm	7.50	6.50				1.00
	75 mm			5.00	4.00	2.25	
1.6 Glass	75 mm		6.50	5.00	4.00	2.25	

Do not mix base curves.

When the chart indicates a different base curve for right and left lenses, choose the **flatter** of the two curves for each lens.

To Locate the Lens Engravings

Use a good light source and dark background to locate the engravings. The SOLA logo is located nasally with the Design Code engraved underneath. The PERCEPTA trefoil logo is located temporally with the Material Code engraved inside.

The engravings are located on the front surface of the lens, 34 mm apart or 17 mm to either side of the prism reference point (at the geometric center). Use a felt-tip pen to dot the center of the engraving.

Place the front surface of the lens over the centration chart, lining up the dots with the corresponding engraving. Draw in the remaining markings with a felt-tip pen. A reusable verification mask (part #005-0138-00240), available from SOLA, can also be used.