Contour® Optics by SOLA

FRAME ALIGNMENT GUIDE

Adjusting Frames That are Out of Alignment

Each frame for Contour Optics lenses has been created with a specific Design PD that prevents unwanted lens tilt. The Design PD is the distance between the centers of curvature of the right and left eyewires. This will also end up being the distance between the centers of curvature of the lenses. Since the lenses need to be centered on the eyes, the Design PD is a better measure for fitting purposes than the more familiar 'frame PD' based on the 'box' dimensions.

The complete eyewear you receive from SOLA Technologies will always be aligned to the Design PD.

It is possible through use or accident that the frame alignment may change over time, which may impact optical performance. If you need to align a frame to the Design PD:

1. Open the temples and place the frame top-down on the alignment template for that frame style and size so that the sides and front of the frame coincide as best as possible with the frame drawing.

2. Look from straight ahead at the reflection of the template lines in the left lens. Shift the frame from side to side until the center line and its reflection are perfectly aligned and straight. (See figure 1.)

3. Without moving the frame, view the line reflections in the right lens from straight ahead. If the reflection of the center line is straight in both lenses, then the frame is properly aligned to the Design PD. If they are not, then you need to adjust the bridge to restore alignment. (See figure 2.)

4. The angle of the reflected center line shows where the center of curvature is actually located and tells you which way to bend the bridge. Using a double-pad curved jaw plier, simply flatten or steepen the bridge to return the reflected line to a straight position. (See figures 3a and 3b.) Verify alignment by repeating steps 1-3.

5. Once you have ensured the frame has been properly realigned, you may adjust the width of the frame by angling the temples at the end pieces for the most comfortable fit. And of course, be sure the frame is still properly aligned after making fitting adjustments.

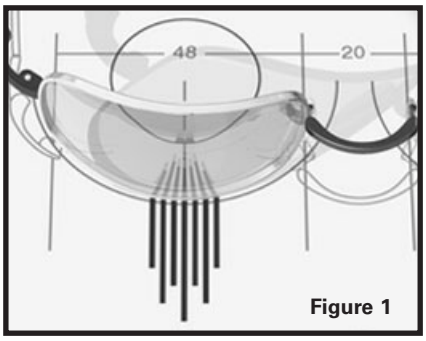

Figure 1

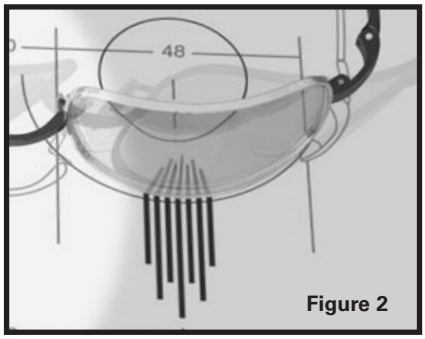

Figure 2

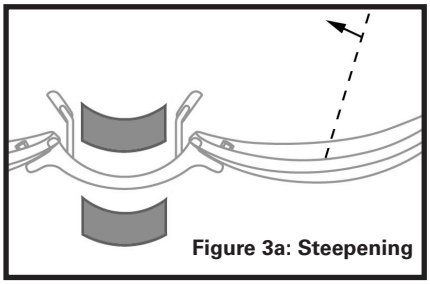
Figure 3a: Steepening

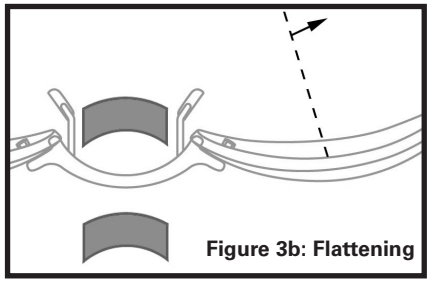
Figure 3b: Flattening

Questions? Contact SOLA Technologies at 866-289-7652 (toll free).

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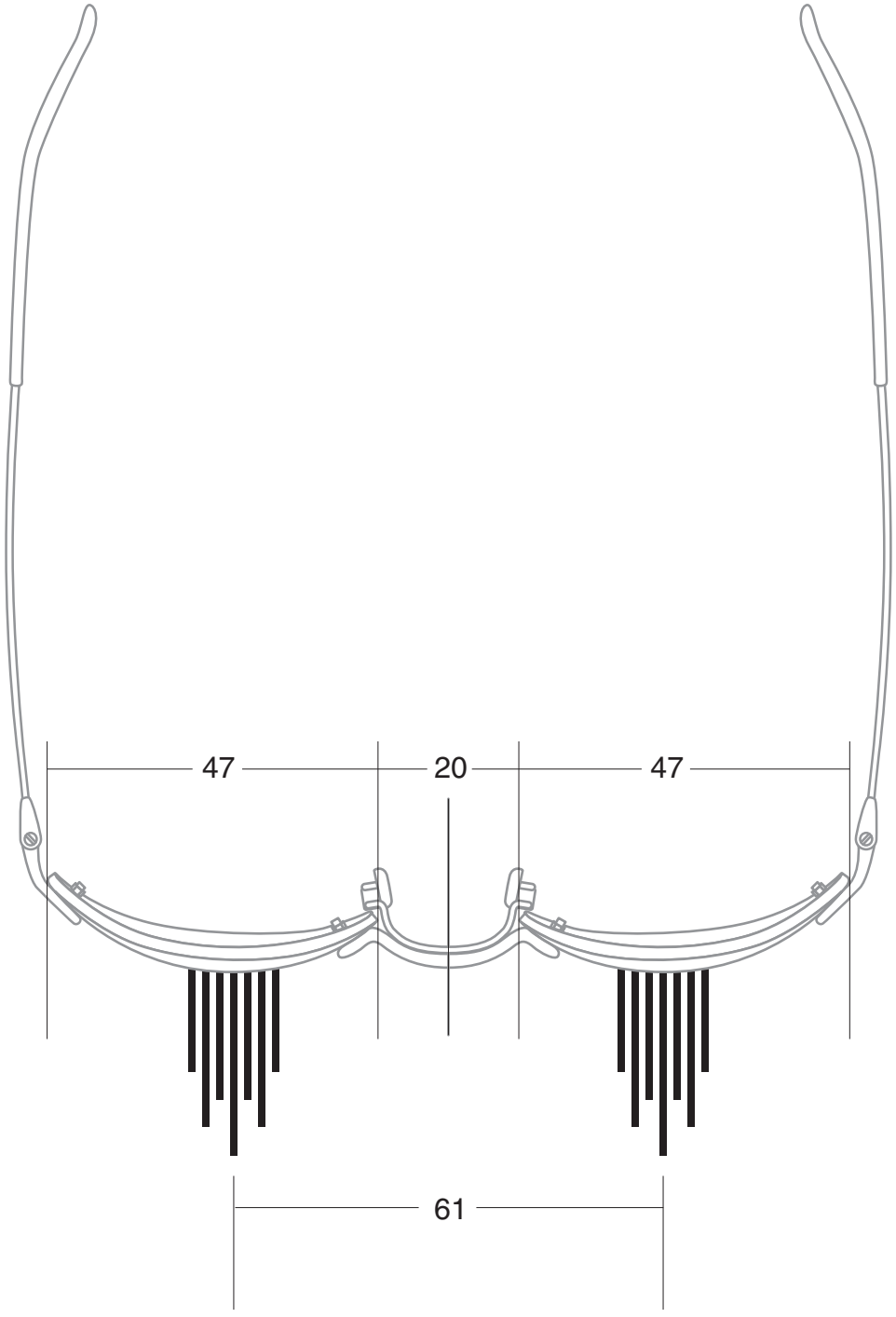
SOLA TECHNOLOGIES

FRAME ALIGNMENT GUIDE

TITANIUM - **SIZE - 47/20**

PD RANGE - 56-66



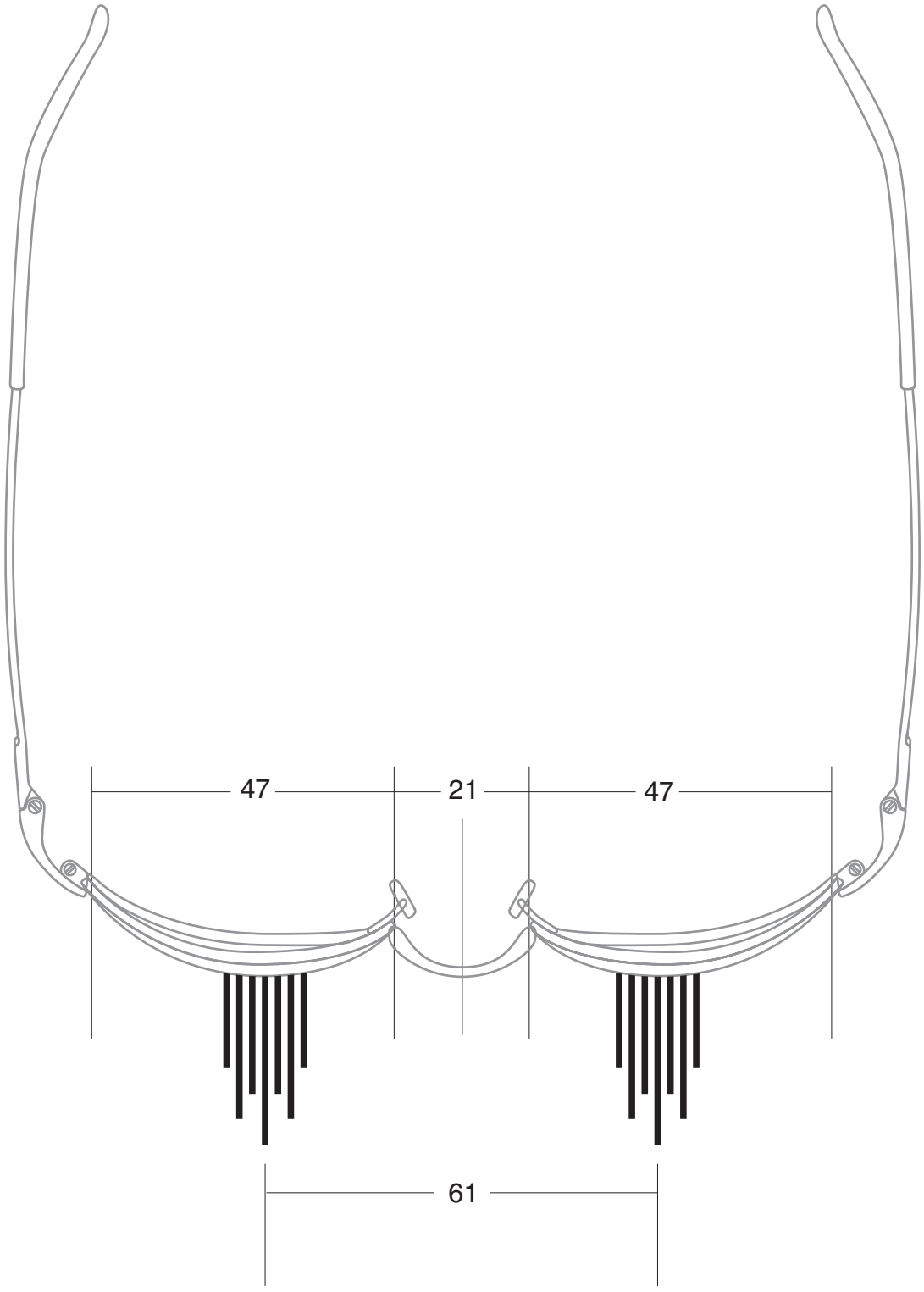
ENIGMA

Contour® Optics by SOLA

FRAME ALIGNMENT GUIDE

MONEL - **SIZE - 47/21**

PD RANGE - 56-66



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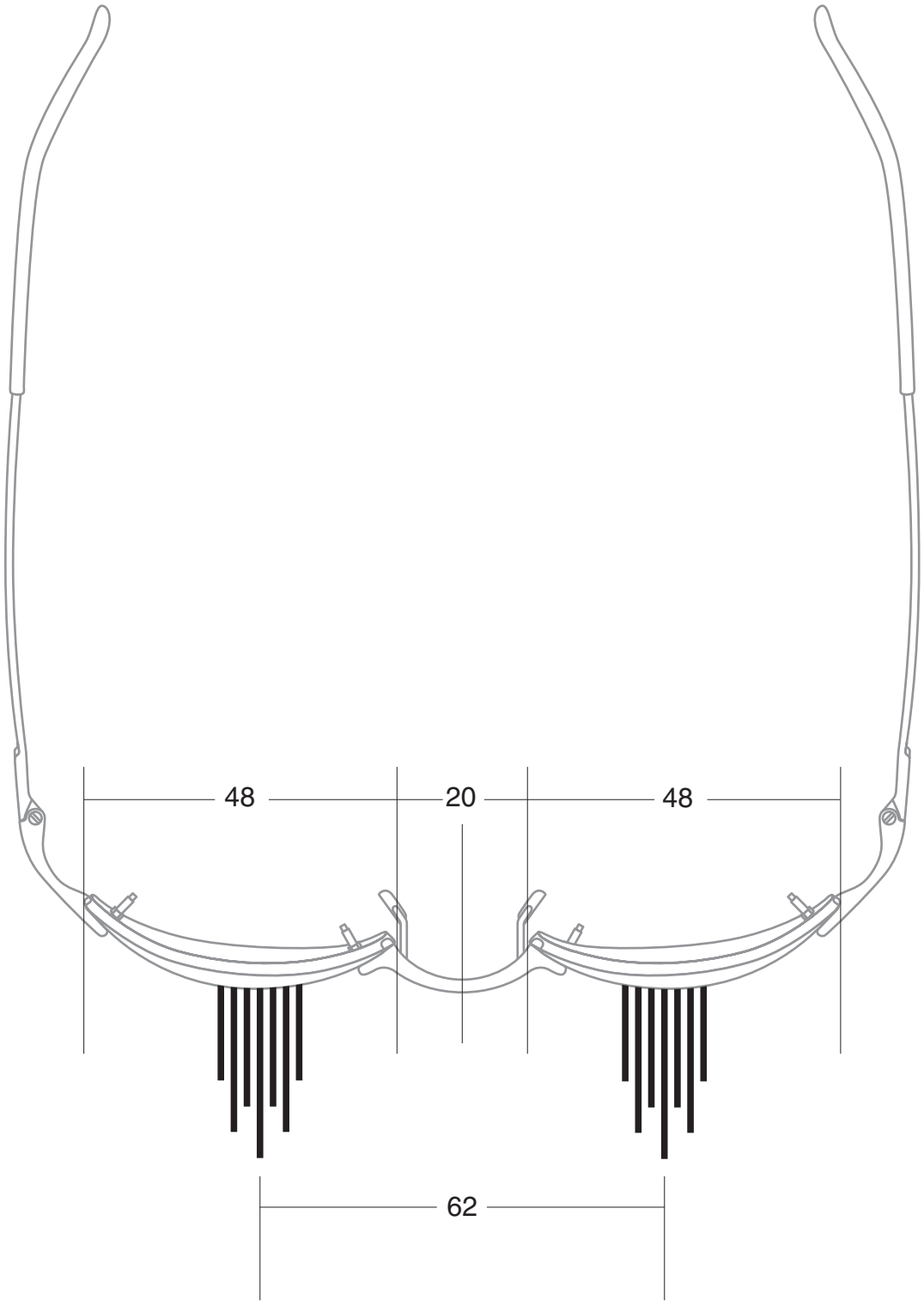
Contour® Optics by SOLA

FRAME ALIGNMENT GUIDE

MONEL - **SIZE - 48/20**

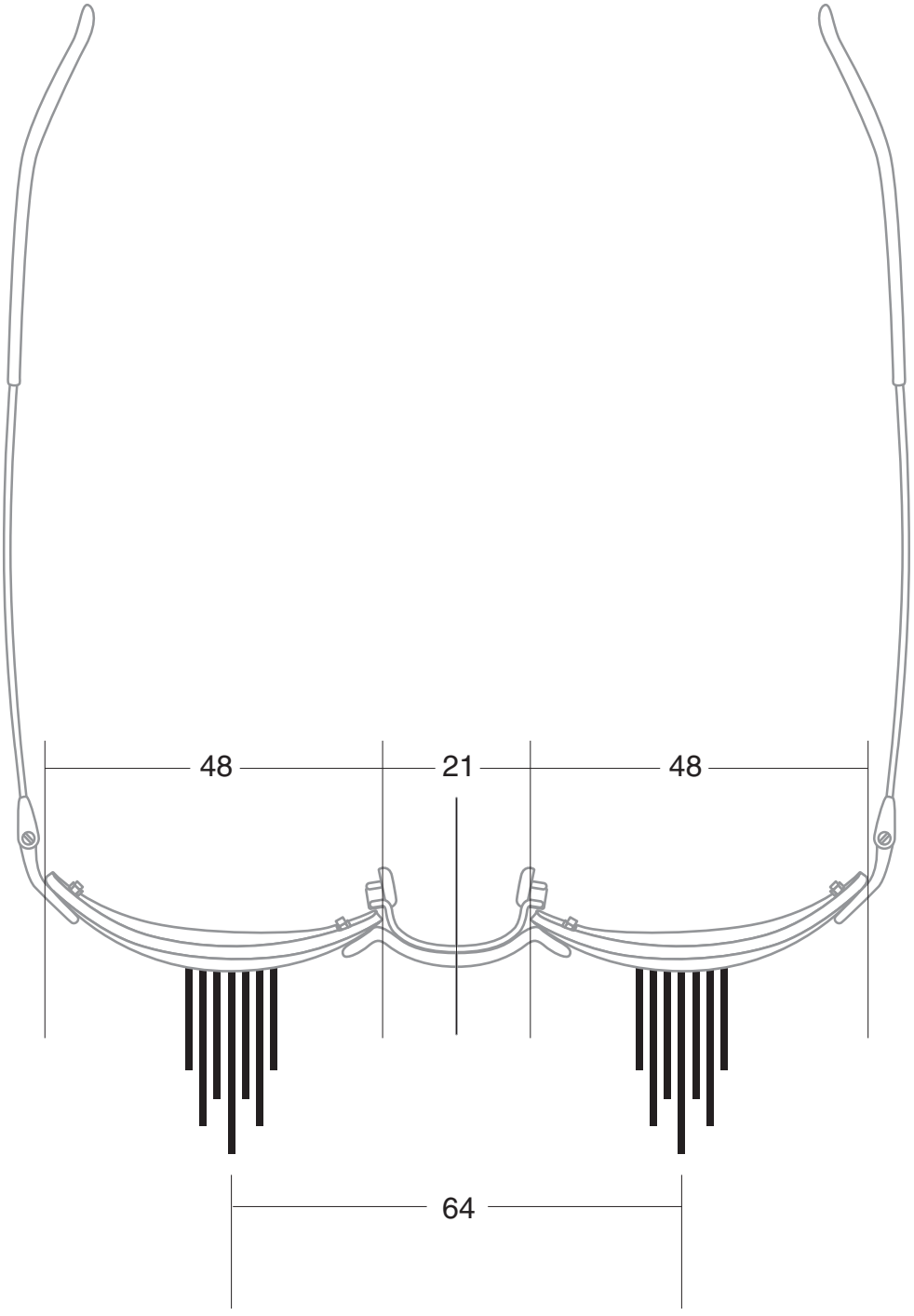
PD RANGE - 57-67



FRAME ALIGNMENT GUIDE

TITANIUM - **SIZE - 48/21**

PD RANGE - 59-69



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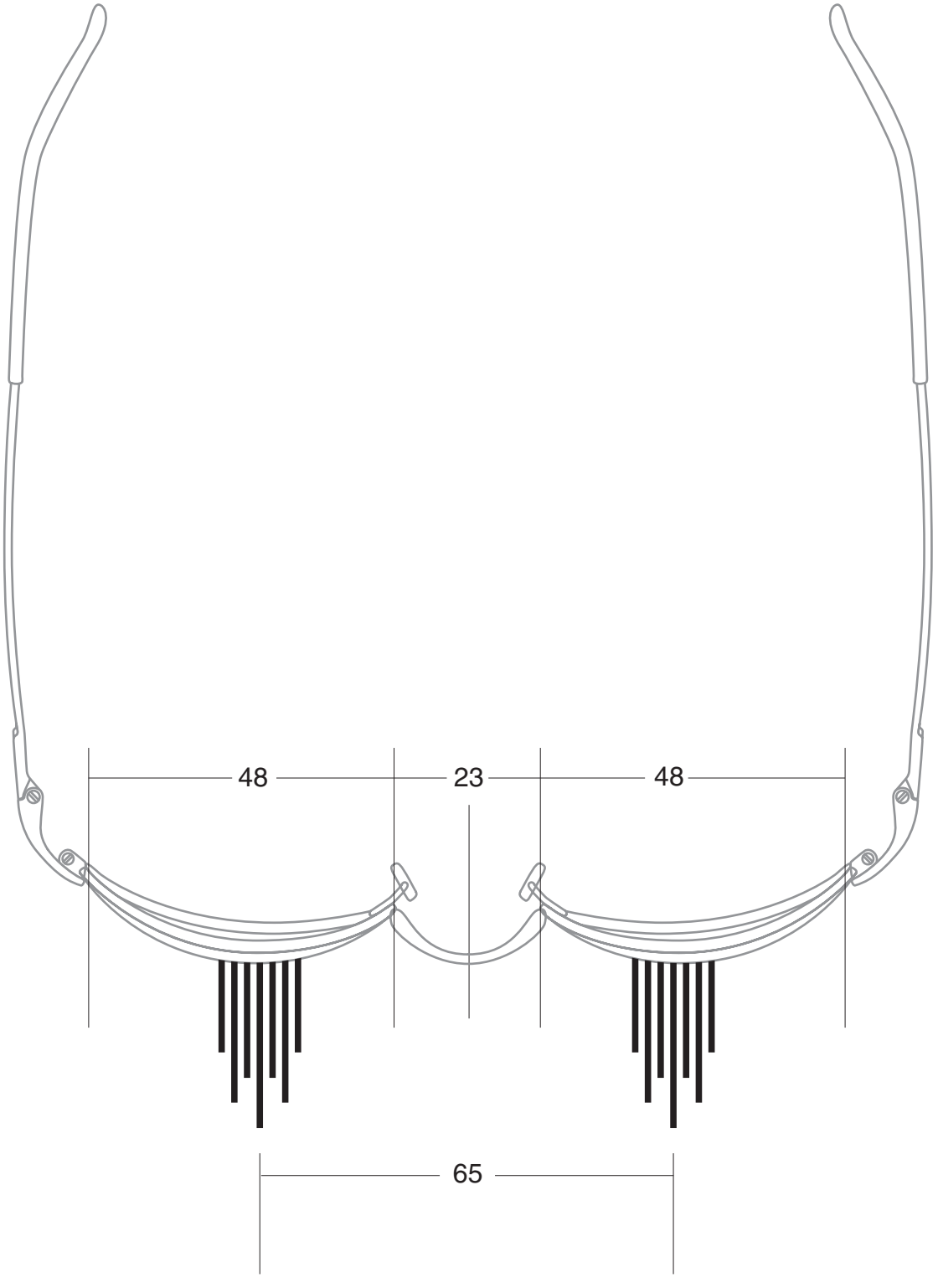
Contour® Optics by SOLA

FRAME ALIGNMENT GUIDE

MONEL - **SIZE - 48/23**

PD RANGE - 60-70



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