The Only True No-Line Bifocal

Aesthetically Appealing

There is no visible line or segment outline on the front side of the lens - the first quintessential no-line bifocal

Multiple Materials

The B-Free is available in all indexes and lens combinations

More Comfortable

There is no line, blend zone or interruption of image when your eyes move between the distance and near visual field - just zoom in and out

Safer Vision

No image jump as you move from distance to the near visual field, just uninterrupted continuous vision

B-FREE IS A BACKSIDE FREE-FORM INVISIBLE BI-FOCAL

DIGITALLY DESIGNED FOR EVERY RX

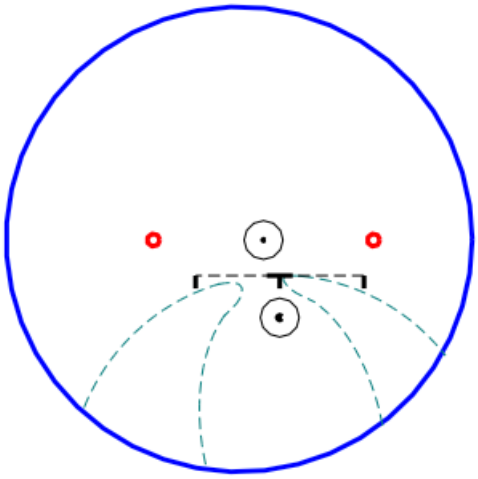
B-FREE IS FITTED LIKE A CONVENTIONAL FLAT-TOP

B-Free

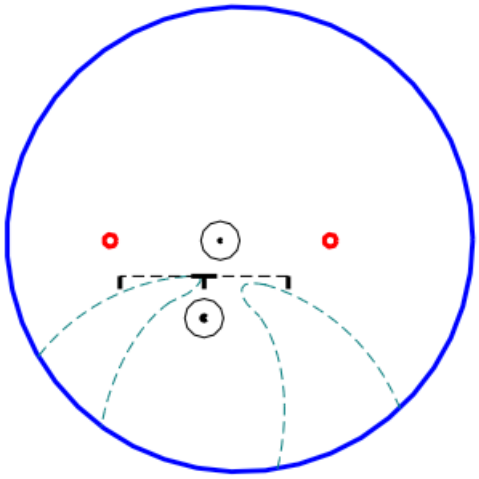
The First Free-Form Invisible Bi-Focal

Next Generation Bifocal (NGB) Layout and marking chart

RIGHT EYE



LEFT EYE



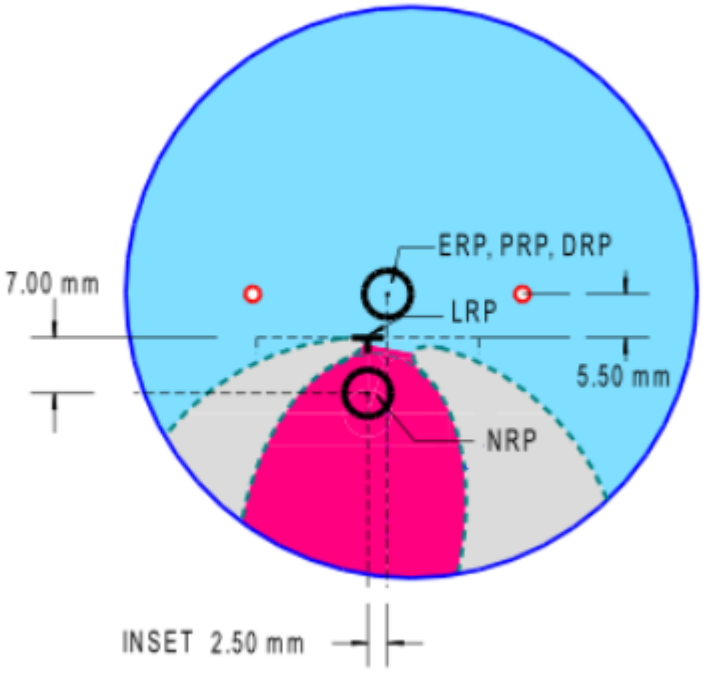
The Layout Reference Point (LRP) for the NGB is at the entrance of the gate of the Near Visual Field for vertical dimension, which is the Seg Height (SHT).

The LRP for the horizontal dimension, which is the Seg Inset, is calculated from the near PD the same way as for Flat Top Lenses.

Please note that the NGB Inset default is 2.5 mm due to these factors:
The near reading habits have changed due to the frequent use of hand held devices like cell phones which are generally held at much closer distance from the eyes than conventional reading distance that is considered to be 35 cm to 40 cm.

The Seg Height for the Next Generation Bifocal (NG) is measured the same way as for a Flat Top bifocal using the Box method; the distance from the lowest point on the lens to the lowest point on the lower eyelid.

The NGB free form lens design shares much of the characteristics of free form progressive lenses where the set inset is commonly set by default at around 2.5 mm to 3 mm



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