

## Smart Fit Support

The OptoCalc 4.0 engine is built to **select the most precise CRIB shape** and decentration values based on each job's fitting parameters, while also factoring in AccuLab's specifications. This ensures lenses are produced with the **thinnest possible centers** while **maintaining AccuLab's required edge thickness**.

We can feed the following fit options directly into the calculation engine or submit them individually with each order:

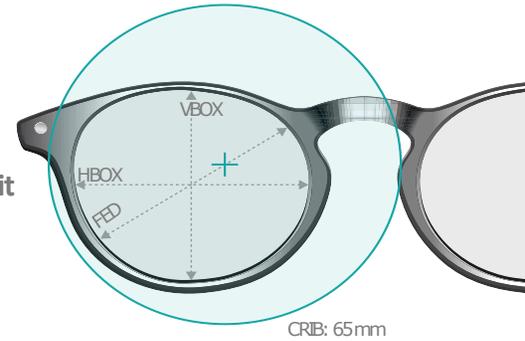
**Basic Circular Fit:** Uses the fitting parameters and predefined decentration values (BCERIN/BCERUP) to calculate the ideal circular CRIB diameter.

**Basic Elliptical Fit:** Uses the fitting parameters and predefined decentration values (BCERIN/BCERUP) to calculate the best oval CRIB shape and ELLH value.

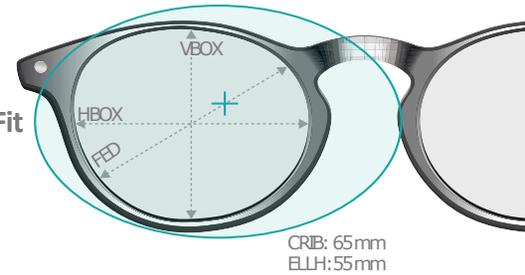
**Optimized Fit:** Calculates the best CRIB diameter and decentration values (BCERIN/BCERUP) using the frame's box measurements (HBOX/VBOX/FED). This option can reduce lens thickness by 10-20%.

**Smart Fit Support:** Uses the frame's trace data (TRCFMT) to calculate the best oval CRIB shape (ELLH) and decentration values (BCERIN/BCERUP). This advanced option can reduce lens thickness by up to 30%.

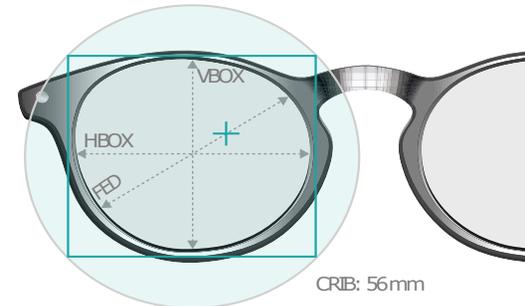
Basic Circular Fit



Basic Elliptical Fit



Optimized Fit



Smart Fit Support

