

1 FIND THE CENTRAL BASE CURVE

- Identify the average K reading for the central 3-4 mm of the cornea
- Use this chart to choose the 1st lens
- Apply the lens and evaluate it as you would any other soft lens, for movement and centration

AVERAGE CENTRAL-K	CENTRAL BASE CURVE	FITTING CURVE
41.00 to 42.99	8.6	8.6
43.00 to 46.99	8.2	8.6
47.00 to 49.99	7.8	8.4
50.00 to 52.99	7.4	8.4
53.00 to 55.99	7.0	8.2
56.00 to 58.99	6.6	8.2
59.00 to 61.99*	6.2	8.2
62.00 to 64.99*	5.8	7.8
65.00 to 67.99*	5.4	7.8

*Not included in diagnostic set.

FITTING TIP: Base curve selection is based on K readings. In order to optimize the lens fit or alignment, adjust the Fitting Curve in Step 3.

2 DETERMINE THE NOVAKONE® IT FACTOR (INDEX OF THICKNESS)

- Start with the lowest IT Factor possible (ranges from 0 to 4)
- The more irregular the cornea is, the higher the IT Factor should be to optimize visual acuity
- Verify IT Factor with keratometry or topography over the lens
 - If distorted mires are observed, increase IT Factor until mires are crisp

FITTING TIP: The more central the cone, the lower the IT Factor. The more decentered the cone, higher IT Factors are typically required.

3 ASSESS THE FITTING CURVE (PARACENTRAL)

- The fitting curve should demonstrate typical soft lens fitting characteristics
- An excellent fit will result in 0.5 and 1.0 mm of movement with blink
- Refer to the troubleshooting section when the lens is not fitting well

4 CALCULATE FINAL LENS POWER

ALLOW THE TRIAL LENS TO SETTLE AT LEAST 15-30 MINUTES

- Perform a sphero-cylinder over-refraction
- Auto refraction can be very effective for this
- Document or note lens rotation, if any

CALCULATE THE POWER OF THE RX LENS

- Add over-Rx to diagnostic lens power
- Compensate for vertex distance, if necessary

COMPENSATE FOR ROTATION

- All Dx lenses have Dual Elliptical Stabilization™ to assess rotation with orientation marks at 3 and 9 o'clock

FITTING TIP: Changes to IT Factor or base curve usually alter the optics, requiring an additional over-refraction.

5 ORDER THE PRESCRIPTION LENS



Combine the over-refraction with the power of the diagnostic lens to determine the final Rx. Specify the central base curve, IT Factor, and fitting curve with any required adjustments.

SCAN HERE OR VISIT [BAUSCHSVP.COM/ORDER](https://www.bauschsvp.com/order)

ASSESSING THE LENS FIT

Use the chart to inform and adjust the fit.

OBSERVATION	SOLUTION
Fluctuating mires	Reassess the central base curve
Stable but poor mires	Increase to the next higher IT Factor
Poor acuity/crisp mires	Reassess the central base curve
Poor acuity/poor mires	Increase the IT Factor
No lens movement and/or impingement	Flatten the fitting curve 0.2 mm in Rx lens
Excessive lens movement and/or edge lift	Steepen the fitting curve 0.2 mm in Rx lens

ADDITIONAL FITTING TIPS



Discontinue corneal GP or hybrid lens wear for at least 1 week prior to fitting NovaKone®.



Consider fitting one eye at a time in situations where cessation of the habitual correction method (eg, GPs) is not practical.



NovaKone® is designed with a standard **15.0-mm** diameter. Patients with an HVID smaller than **11.0 mm** or larger than **13.0 mm** may require a different lens diameter. Add **3.0 mm** to the HVID to determine custom NovaKone® diameters.

VISIT BAUSCHSVP.COM
FOR IMPORTANT SAFETY INFORMATION.

©2023 Bausch + Lomb. ALDN.0006.USA.

NOVAKONE.
Soft Contact Lenses for Keratoconus

HAVE ADDITIONAL QUESTIONS OR NEED MORE INFORMATION ABOUT
FITTING NOVAKONE®? CONTACT CONSULTATION AT 1-800-253-3669.