

1 Initial lens selection

Top | Insert

Start with 46D (Lens #5 in set). Check central clearance.

Start with 50D (#9) for advanced keratoconus.

- Ensure there are no insertion bubbles
- Lens should vault the central cornea approx. 200-300 μ (use lens CT as a comparator)
- Lens will settle approx. 100 μ for an ideal vault between 100-200 μ post-settling

2 Central Clearance

Fitting Guide | p 05

Excessive clearance ? Apply flatter lens.

46D \rightarrow 44D (Lens #3) 50D \rightarrow 48D (Lens #7)

Minimal clearance ? Apply steeper lens.

46D \rightarrow 48D (Lens #7) 50D \rightarrow 52D (Lens #11)

BC/PC1: 1 Step = 1 Diopter (D) = Δ 100 μ

3 Limbal Clearance

Fitting Guide | p 06

Inadequate (minimal) limbal clearance:

- Increase W1 by 0.25mm (0.5mm diameter increase)
- Central clearance will increase approx. 100 μ

Excessive limbal clearance:

- Decrease diameter

Ask Spectrum International to compensate for both diameter & clearance, as needed.

4 Lens Landing/Haptic

Fitting Guide | p 07

If edge lift or opposing areas of blanching are observed, apply a toric haptic Dx Lens with closest BC/Sag value.

Please notate & communicate to us where the hashmarks rotate to (clock hrs or degrees)! It is extremely helpful for us to have this information during the design & remake process.

If circumferential compression is observed, flatten PC2&PC3. This will decrease central clearance by 100 μ . Ask Spectrum International to compensate, as needed.

PC2 & PC3: 1 Step = 0.5 (mm) = Δ 100 μ

5 Lens Power

Fitting Guide | p 12

Perform a sphero-cylindrical over-refraction.

Spectrum International will compensate any BC changes. Incorporate astigmatism or presbyopia correction, as needed.

EUROPA DX LENSES ARE 400 μ THICK CENTRALLY (CT)

See User Fitting Guide for all customization options:

Multi-Meridian, Quad-Specific, Precision Lift + more!

LENS ORDER REVIEW

This lens order checklist highlights what information to provide to Spectrum International to help facilitate an optimized and accurate lens order.



send pictures!

FITTING (OR CURRENT) LENS INFO

16.0	46.00	-2.00	200
Diameter	BC	Sphere	TPC (μ)

CENTRAL CLEARANCE

320μ	30 mins	-150μ
Current Clearance	Approx. settling time	How much +/-

LIMBAL CLEARANCE

Inadequate limbal clearance (mild)
OK with diameter increase

LENS LANDING | HAPTIC

- Circumferential compression
- Non-rotationally symmetric blanching @ 3 & 9, need toric haptic

POWER | PRESBYOPIA

-5.25	-2.00	70	+2.00
Sphere	Cylinder	Axis	Add

ADDITIONAL INFORMATION

HEXA100	Hydra-PEG
Material	Hydra-PEG coating

*Include insertion & removal DMV's

What Dx lens did you use?
If current lens, include inv# if available. **Notate where hashmarks settle, if applicable.**

What is your current central clearance?
How long was the lens allowed to settle?
How much do you want to gain or lose?

How is the limbal clearance?
If inadequate or excessive, note the severity.
Are you ok with diameter change?

Is there circumferential compression?
Are independent adjustments needed?
Toric Haptics | Quad-Specific | Multi-Meridian: **Please notate where hashmarks settle.**
Scleral Obstacles: Notching or Precision Lift

What is the over-refraction?
Do you want to add a presbyopic correction?
If so, please include add power.

What material? Tangible Hydra-PEG?
Any accessories (DMVs, etc.)?
Additional markings (i.e. black/white dot)?