



Advanced FITTING GUIDE



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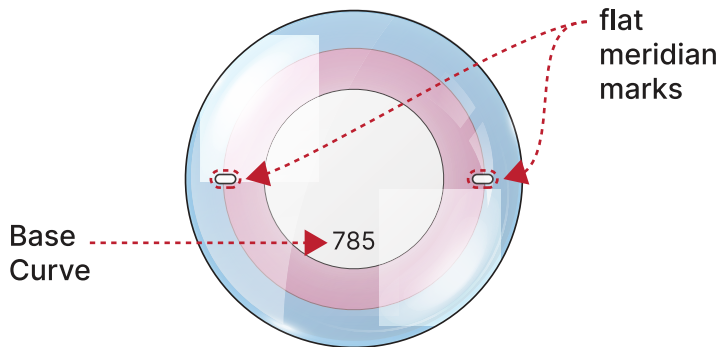
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DIAGNOSTIC



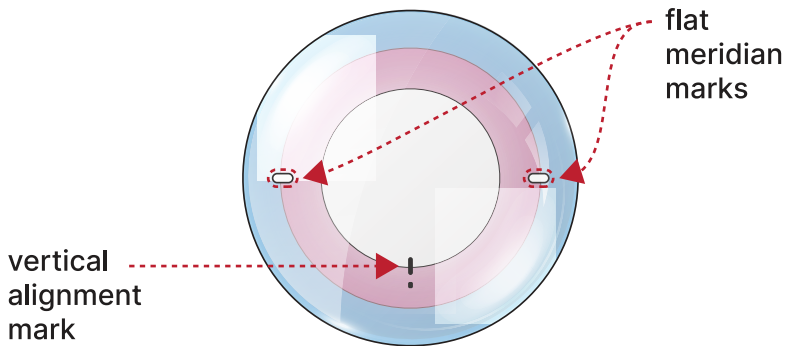
Your Custom Stable Diagnostic lens is equipped with several laser marks to ensure fitting success.

The base curve is etched on each lens to help keep the fitting set organized and as a way to double check which lens is on the patient's eye.

Laser Marks



CUSTOM LENSES



A vertical alignment mark is applied to Custom Stable Elite lenses that are rotationally specific such as front torics, quadrant specific design, edge vault or when prism is added.

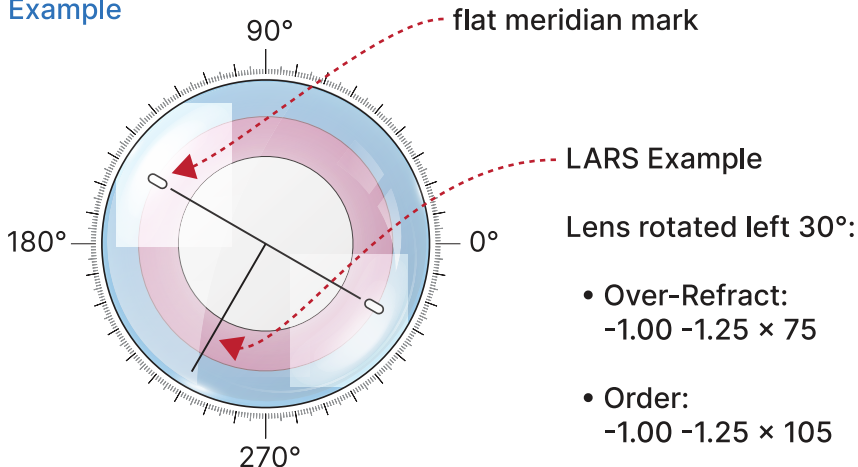
The Laser Mark “” indicates the flat meridian of the SLZ on the Custom Stable Elite lenses.

It is important to notate where these markers are located during the fitting process and at all follow up visits whereas these markers will be applied to the custom order lenses as well.

Front Toric

When acceptable acuity is not possible without the use of refractive cylinder the front surface toric option is available.

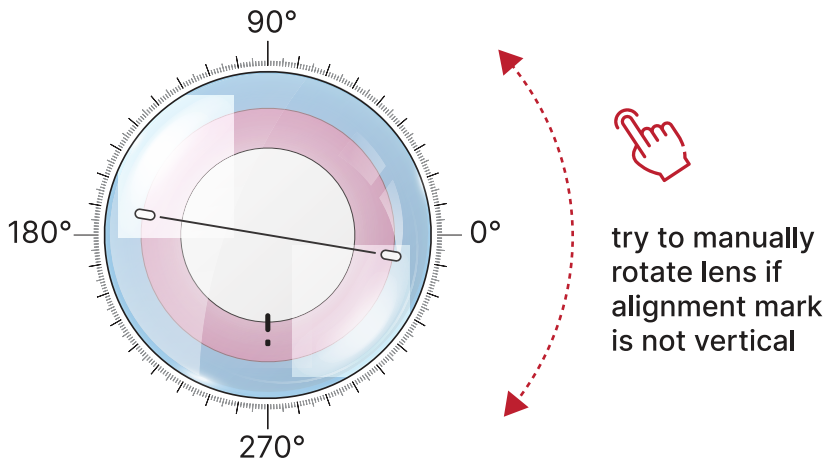
Example



Front Toric

- 1 Note the location of flat meridian laser “∞” marks.
- 2 Note the rotation from horizontal meridian of the eye either in degrees, clock hours or with the exact axis on the eye.
- 3 Front toric can only be applied if the lens is rotationally stable.
- 4 Manually rotate the lens on eye, if it does not return to its original position speak with a consultant.

Cross Cylinder



- 1 Note the orientation of the vertical alignment mark “!”

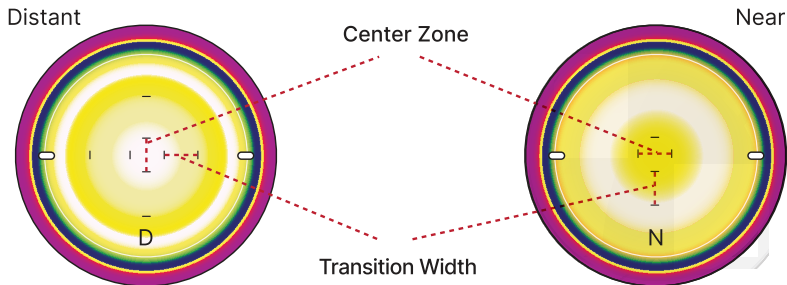
* Black dot available upon request

- 2 If the alignment mark is not positioned vertically, try manually rotating to see if vision improves.

- 3 Call Valley Contax Consultant or use cross cylinder calculator to determine new power.

Custom Stable Aurora

A front-surface multifocal design with the same back surface as the Custom Stable Elite.



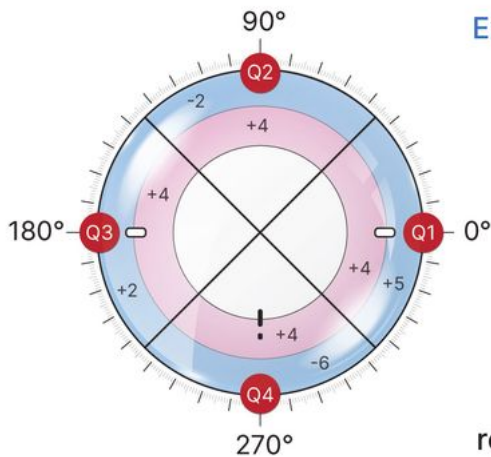
- The Custom Stable Elite fitting set may be used for fitting.
- All you need to start is eye dominance and add power.
- Use the chart below to determine D or N center based on the patient's add power.
- Speak with Valley Contax consultants to achieve optimal VA for all distances.

Center Zone Selection

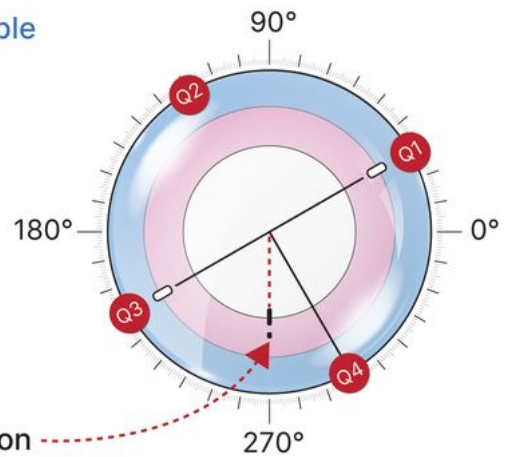
Add Power	Dominant Eye	Non-Dominant Eye
+1.00	Distance Center	Distance Center
+1.50	Distance Center	Distance Center
+2.00	Distance Center	Near Center
+2.50	Distance Center	Near Center

Quadrant Specific

Independently modify the LITe Zone and/or SLZ of the Custom Stable Elite quadrant specifically.



Example



Call a Valley Contax consultant for assistance adjusting the CCZ on a quadrant specific design.

Quadrant Specific

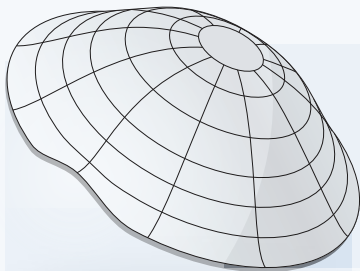
- 1 Note the flat meridian markers, the right side mark is always quadrant one with two, three and four following in a counter clock wise direction.
- 2 Communicate the modifications you would like to make in each zone when placing your order.

NOTE: When ordering a quadrant specific Custom Stable Elite, a laser hash mark and black dot will be present on the lens. It is important for these marks to be applied to the eye at 6 O'clock. This will appropriately align the quadrant specific changes that were made.

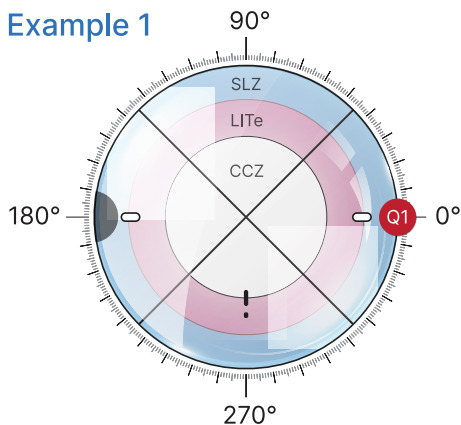
Edge Vault

This customization allows you to vault over extremely high sections of the sclera due to a pinguecula, pterygium, tubes, shunts or scars.

Edge Vault



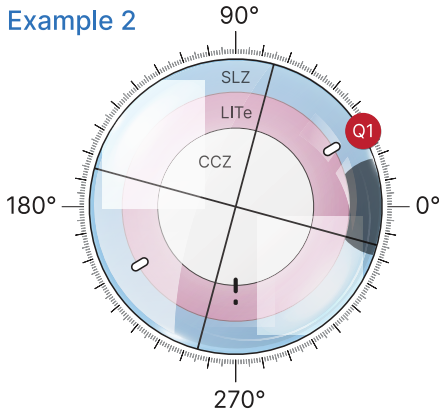
Example 1



CS Elite lens with 0° rotation
Edge Vault at 180° and 20° wide

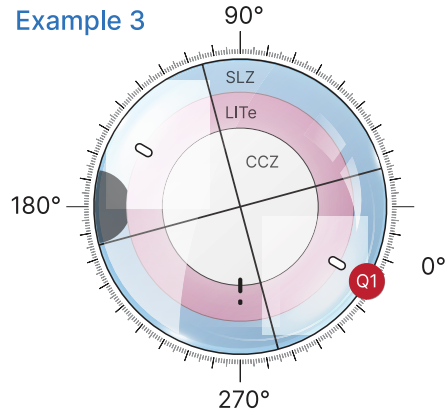
Edge Vault

Example 2



CS Elite with 30° right rotation
Edge Vault at 330° and 40° wide

Example 3

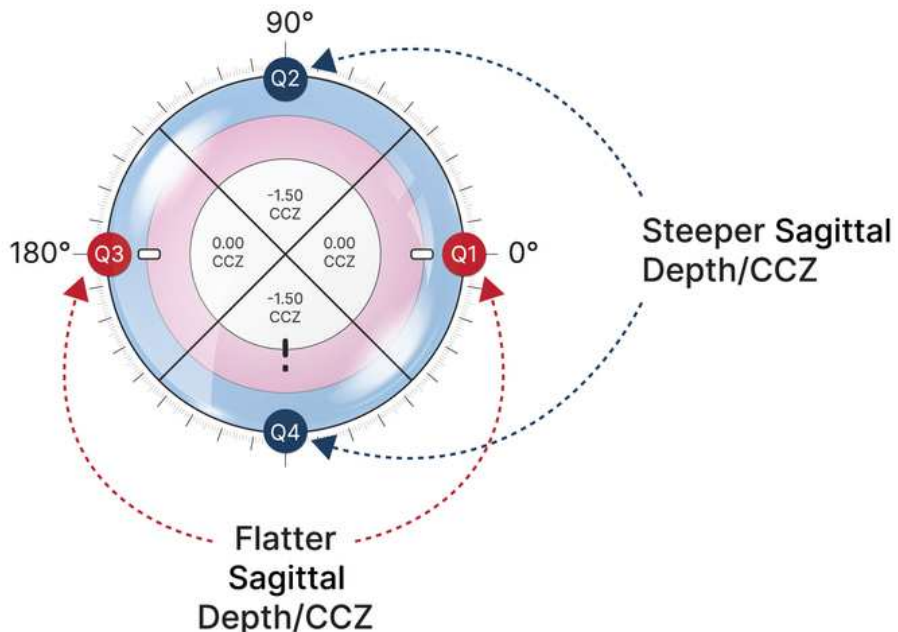


CS Elite with 30° left rotation
Edge Vault at 210° and 30° wide

- More than one Edge Vault may be designated.
- Note the rotation of the flat meridian laser “=” markers from the 0/180 meridian on the eye and the location of the area needing vaulted. This can be described in degrees on eye or clock hours.
- Note the desired height of Edge Vault in millimeters or microns. This will be the elevation at the apex of the vault and is available up to 600 microns.
- Note the desired width of the Edge Vault in millimeters or degrees.

Dual-Sag

The **CS Elite design** is capable of incorporating toric sagittal depth to assist with fitting highly toric eyes. When the toricity on the SLZ is not enough, the DUAL-SAG option uses the CS Quad design to create a toric reverse curve to combat low riding lenses and help resolve mid-day fogging.



Dual-Sag

When to incorporate DUAL-SAG:

- Lens riding low despite efforts to center it with lower vault and SLZ changes.
- Tear exchange in the vertical/steeper meridian of the SLZ even after steepening.
- Excessive vertical movement in the lens, again despite any efforts to adjust SLZ alone.
- Any of the above issues paired with the fact the patient has a high WTR corneal astigmatism.
- Midday fogging, again despite any efforts to even out the clearance and stop tear exchange.

How much toricity to add:

Mild: steepen steep meridian 100um

Moderate: steepen steep meridian 150um

Severe: steepen steep meridian 200um-250um

-Or- Use profilometry to help incorporate DUAL-SAG

Reach out to consultation for how to proceed with this.

The background of the image is a dark blue-grey color with a pattern of light grey, wavy, concentric lines that resemble topographic map contour lines. These lines flow across the frame in various directions, creating a sense of depth and movement.

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