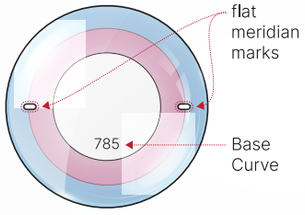
custom stable™ SCLERAL LENSES

Advanced FITTING GUIDE

valleycontax custom contact lenses

Laser Marks

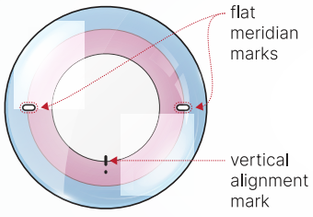
DIAGNOSTIC



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.

CUSTOM LENSES



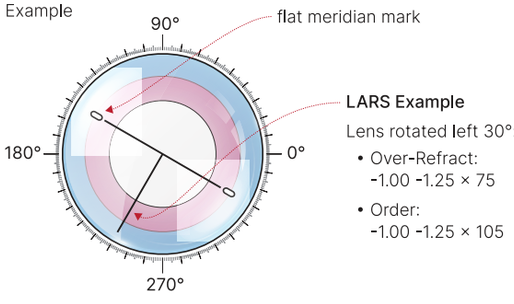
The Laser Mark "⬭" indicates the flat meridian of the SLZ on the Custom Stable Elite lenses.

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

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.

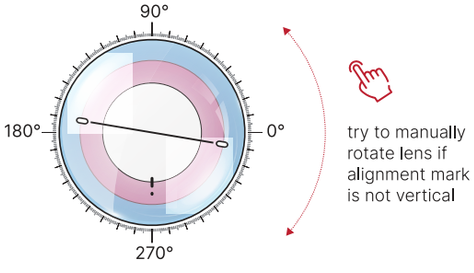
Front Toric

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



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.

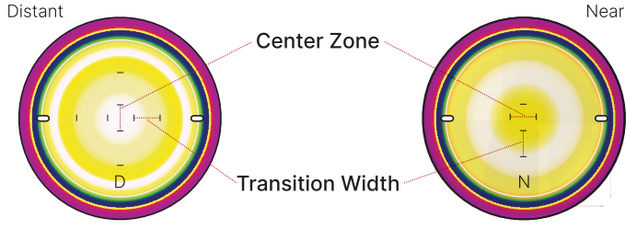
Cross Cylinder



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

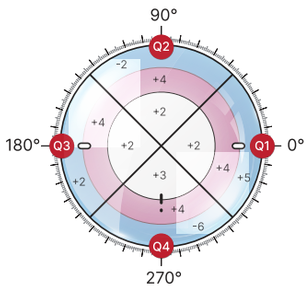
A front-surface multifocal design with the same back surface as the Custom Stable Elite.



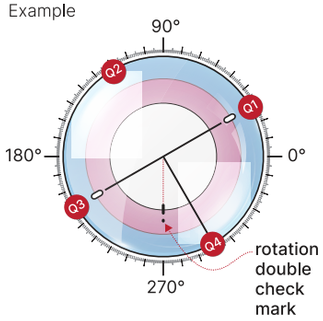
- The Custom Stable Elite fitting set may be used for fitting.
- Note patient pupil size in average lighting and eye dominance.
- Center zone range is 1.0 mm to 3.5 mm and can be set to either distance or near.
- 6.0 mm progressive zone is just outside the center zone.
- Speak with Valley Contax consultants to achieve optimal VA for all distances.

Quadrant Specific

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



Example



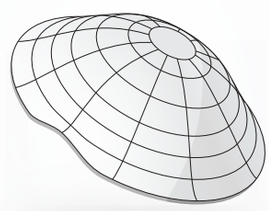
1. Note the flat meridian markers, the right side mark is always quadrant one with two, three and four following in a counter clock wise direction.
2. Communicate the modifications you would like to make in each zone when placing your order.

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.

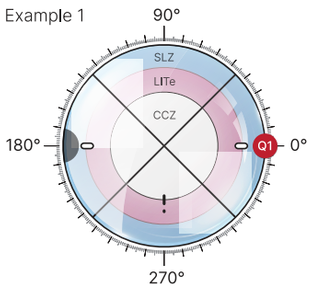
Edge Vault

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

Edge Vault

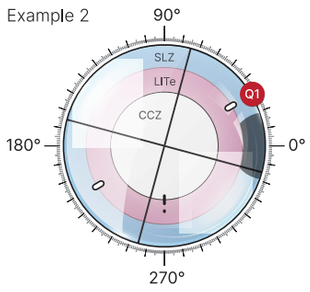


Example 1



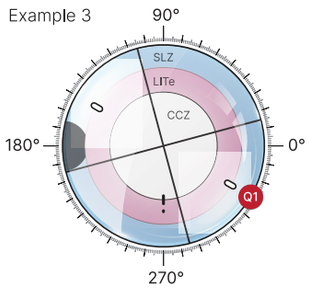
CS Elite lens with 0° rotation
Edge Vault at 180° and 20° wide

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.

Trouble Shooting Guide

Findings	Probable Cause	Suggested Action
lens rides low	too much limbal/central clearance	flatten CCZ "+" (100 µm/step)
	vertical meridian of SLZ too flat	steepen vertical SLZ "-" 1-2 steps
excessive clearance	too steep CCZ	lower sagittal depth / choose flatter lens / flatten CCZ
minimal clearance	too flat CCZ	increase sagittal depth / choose steeper lens / steepen CCZ
conjunctival prolapse/chelasis	too much limbal clearance	flatten LITe zone "+" (50 µm/step)
blanching at edges	SLZ too steep	check location of flat meridian / flatten SLZ accordingly
impingement at elbow	too steep of LITezone	flatten LITe zone "+" (50 µm/step)
	too flat of SLZ	steepen SLZ (-1 step)
edge lift off	SLZ too flat	check location of flat meridian / steepen SLZ accordingly
cloudy after 2 hours or more	tear exchange	perform NaFl test check location of flat meridian/steepen SLZ accordingly

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Contact Us

Call, email or chat live with a Valley Contax consultant for a free instant consultation and to place your order. 800-547-8815 • contax@valleycontax.com • valleycontax.com