How To Prepare Lenses To Accept the Ocutech VES® Systems

1a. Measure the PD from the center of the bridge.

1b. Mark the PD at the top of the lens with a fine tip Sharpie pen. Double-Check your measurement.

1c. This picture shows a PD set for 32 mm.

2a. Mark 8 ½ mm to the right and left of your PD. The width should total 17 mm.

2b. At both outside points, measure and mark a vertical line 15 mm down. Connect the lines with a horizontal mark.

3a. At Ocutech, we use an industrial Foredam Flexible Shaft Grinder...

3b. ...and a ½ inch by ½ inch Sanding Drum...

3c. ...to grind out the slot in the lens. The finished slot, should resemble the example.
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Grinding Instructions

4. Start at the top of the lens.

5. Ease your way through the lens material. Be mindful to stay inside the lines you have drawn.

6a. Stop when your grinding drum touches the edge of the bottom line. The grinding drum will not create a slot as wide as the 17 mm you marked.

6b. You will need to run the grinding drum along each side until it touches those lines. This will create the 17 mm wide slot.

7. Use a file to place a safety bevel along the edge of the slot that you have ground. Remove remaining lines in the normal manner.