



THINDEX 1.70 High Index Edging Guide

The following tips are recommended for successful edging of Thindex 1.70 AR coated lenses.

Blocking

- Apply protective tape to both sides of the lens.
- Use edging blocks that best match the front curve of the lens.
- Use minimum pressure to apply the block to avoid flexing of the lens.

Edging

- The shape of front and backside chucks should be similar to minimize flexing.
- Ensure edger chuck pads are clean.
- Avoid excessive pressure when chucking the lens. Set pressure at the manufacturer's minimum recommended for AR lenses.
- Ensure all edging wheels and cutter blades are clean and sharp. Follow manufacturer recommendations for cleaning, re-true, and replacement. Dull wheels or blades increase stress during edging, which may lead to coating cracks.
- Use several slow cuts to reduce lens size
- Reduce head pressure and flow rate to manufacturer's recommendation.
- Do not edge glass lenses with the same edger as particles in the coolant and on chuck pads increase the risk of scratches.

Deblocking

- Rinse the lens in lukewarm water before handling.
- Twist the block to remove it from the lens. Do not pull it from the surface. Avoid flexing or bending the lens.
- Soaking the lens in soapy water for a few minutes will help to loosen the block prior to removal.
- Aggressive deblocking can cause AR coating to crack.
- Removing the block after inserting the lens in the frame will help to prevent flexing.

Pin Beveling

- Use light pressure when PIN beveling and while edge polishing.

Axis Alignment

- Use lens alignment pliers only if necessary, trying to avoid altogether.