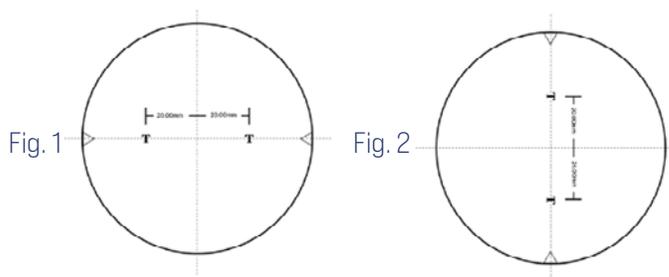


TRANSITIONS® XTRACTIVE® POLARIZED SURFACING AND EDGING PROCESSING GUIDELINES

TRANSITIONS® XTRACTIVE® POLARIZED LENSES WITH “T” ALIGNMENT MARKINGS

The polarization axis is denoted by the “>” and “<” at the edge of the lenses and the two “T” marks located 20 mm off the center axis of the lens (see Figure 1). The lens will be stamped to identify the horizontal [polarization] axis. The “>” and “<” markings are expected to be removed during the edging process. The “T” marks are permanent markings that will most likely remain on the lenses.

To view the “T” marks, rotate the polarization axis into a vertical position (see Figure 2). Use typical methods for viewing progressive mold engravings to locate “T” markings. Once located, the “T” alignment marks can be identified by placing a dot with a pen over their location. When the lens is rotated back to the vertical position, the pen marks can aid in aligning the polarization axis during the dispensing process.



General guidelines to use in surface blocking the lenses to ensure proper alignment of the *Transitions XTRActive Polarized* lenses:

1. Place the lens on the blocker with the “>,” “<” and “T” markings on the horizontal axis.
2. Block the lens on the optical center. If this is not possible due to required decentration, please be aware that the alignment “T”s may migrate to the optical center.
3. Ensure that the markings are exactly on the 0° – 180° line with appropriate or tight tolerance.

General guidelines to use in finish blocking the lenses to ensure proper alignment of the *Transitions XTRActive Polarized* lenses:

1. One or more of the “>,” “<” and “T” markings on the horizontal axis may be cut off during surfacing.
2. For full backside products, use the engraved micro circles for alignment. DO NOT use a combination of engraved micro circles and the “>,” “<” and “T” markings on the horizontal axis.
3. For full backside products, use the remaining “>,” “<” and “T” markings on the horizontal axis. If all of the “>,” “<” and “T” markings are missing from one side of the lens, spot the lens in a lensometer and use lensometer dots for alignment. Another option is to activate the lens and cross-polarize them with a piece of polarized film.

For eyecare professionals finishing an uncut lens in-office:

If you finish lenses at your office, surfaced uncuts of *Transitions XTRActive Polarized* lenses will need to be processed carefully. Prior to edging, verify that the polarization axis and cylinder axis are aligned.

To ensure that *Transitions XTRActive Polarized* lenses have been mounted in the frame correctly, please follow the procedure below:

1. Hold the lenses up to a light, looking through them to find a “T” engraving marking on the nasal and temporal sides of the lenses. Dot the crosses with a marking pen. These lines should fall on a horizontal plane of a lens aligner.
2. In the event the markings are removed, you can determine the alignment of the lenses by cross-polarizing them with a piece of polarized film.
 - a. Activate the lenses in the *Transitions* lens UV demo lamp.
 - b. Hold the polarized film with the sticker facing you in the upper right hand side over the activated *Transitions XTRActive Polarized* lenses.
 - c. Rotate the film 90 degrees so that the sticker facing you is in the lower right hand side. The lenses will look their darkest when the sticker is in the lower right hand corner.

PLEASE NOTE: *Transitions XTRActive Polarized* lenses are not polarized in their indoor state.