

# TECNIS PureSee™ IOL

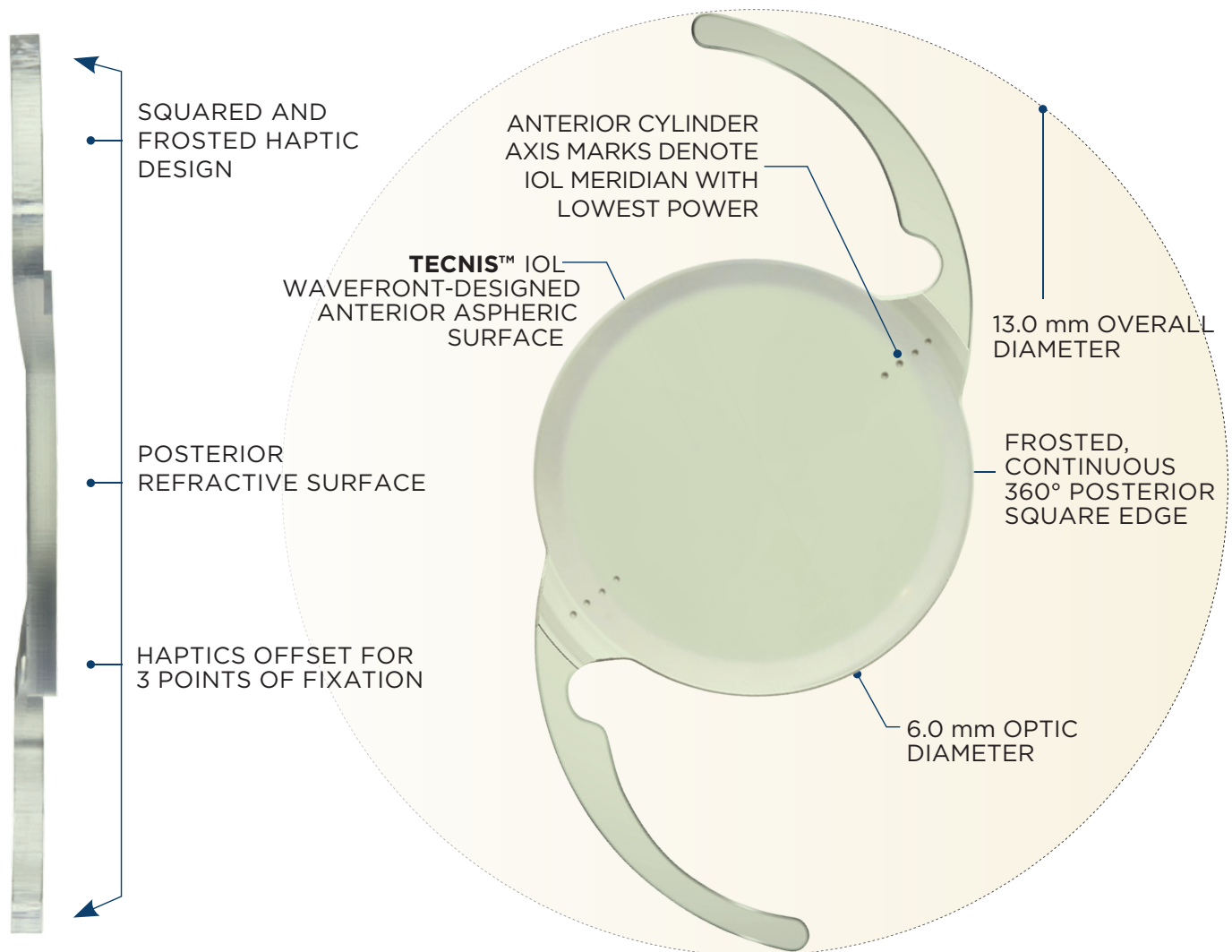
with TECNIS SIMPLICITY™ Delivery System

Toric II

Model DET100-DET600



## Anterior Side





| OPTICAL CHARACTERISTICS <sup>1</sup>         |                                                                                                                     |         |         |         |                       |         |         |         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------|---------|---------|-----------------------|---------|---------|---------|
| Model Number:                                | DET 100                                                                                                             | DET 150 | DET 225 | DET 300 | DET 375               | DET 450 | DET 525 | DET 600 |
| Cylinder Powers - IOL Plane                  | 1.00 D                                                                                                              | 1.50 D  | 2.25 D  | 3.00 D  | 3.75 D                | 4.50 D  | 5.25 D  | 6.00 D  |
| Cylinder Powers - Corneal Plane              | 0.69 D                                                                                                              | 1.03 D  | 1.54 D  | 2.06 D  | 2.57 D                | 3.08 D  | 3.60 D  | 4.11 D  |
| Powers:                                      | +5.0 D to +34.0 D in 0.5 diopter increments                                                                         |         |         |         |                       |         |         |         |
| Diameter:                                    | 6.0 mm                                                                                                              |         |         |         |                       |         |         |         |
| Center Thickness:                            | 0.7 mm (20.0 D)                                                                                                     |         |         |         |                       |         |         |         |
| Shape:                                       | Biconvex, wavefront-designed anterior aspheric surface, posterior refractive surface to increase the depth of focus |         |         |         |                       |         |         |         |
| Material:                                    | UV-absorbing hydrophobic acrylic with violet-light filter                                                           |         |         |         |                       |         |         |         |
| Refractive Index:                            | 1.47 at 35° C                                                                                                       |         |         |         |                       |         |         |         |
| Edge Design:                                 | ProTEC frosted, continuous 360° posterior square edge                                                               |         |         |         |                       |         |         |         |
| BIOMETRY*                                    | CONTACT ULTRASOUND <sup>†</sup>                                                                                     |         |         |         | OPTICAL <sup>††</sup> |         |         |         |
| A-constant:                                  | 118.8                                                                                                               |         |         |         | 119.3                 |         |         |         |
| AC Depth:                                    | 5.4 mm                                                                                                              |         |         |         | 5.7 mm                |         |         |         |
| Surgeon Factor: <sup>2</sup>                 | 1.68 mm                                                                                                             |         |         |         | 1.96 mm               |         |         |         |
| HAPTIC CHARACTERISTICS <sup>1</sup>          |                                                                                                                     |         |         |         |                       |         |         |         |
| Overall Diameter:                            | 13.0 mm                                                                                                             |         |         |         |                       |         |         |         |
| Thickness:                                   | 0.46 mm                                                                                                             |         |         |         |                       |         |         |         |
| Style:                                       | C                                                                                                                   |         |         |         |                       |         |         |         |
| Material:                                    | UV-absorbing hydrophobic acrylic with violet-light filter                                                           |         |         |         |                       |         |         |         |
| Design:                                      | TRI-FIX, Haptics offset from optic; 1-piece lens                                                                    |         |         |         |                       |         |         |         |
| Preloaded TECNIS SIMPLICITY® Delivery System |                                                                                                                     |         |         |         |                       |         |         |         |

\* Value theoretically derived for a typical 22.0 D lens. Johnson & Johnson Surgical Vision, Inc. recommends that surgeons personalize their A-constant based on their surgical techniques and equipment, experience with the lens model and postoperative results.

<sup>†</sup> IOL constants have been theoretically derived for contact ultrasound.

<sup>††</sup> IOL constants have been derived from clinical evaluation results of the **TECNIS™** 1-Piece IOL Platform.

#### References:

1. **TECNIS PureSee™** Toric II IOL with **TECNIS Simplicity™** Delivery System, Model DET (DET100-DET600) - IfU INT - Z311783, current revision.
2. Calculated based on Holladay I formula - Holladay JT, et al. A three-part system for refining intraocular lens power calculations. *J Cataract Refract Surg* 1988;14(1):17-24. REF2014CT0092.

For healthcare professionals only. Please reference the Instructions for Use for a complete list of Indications and Important Safety Information and contact our specialists in case of any question.