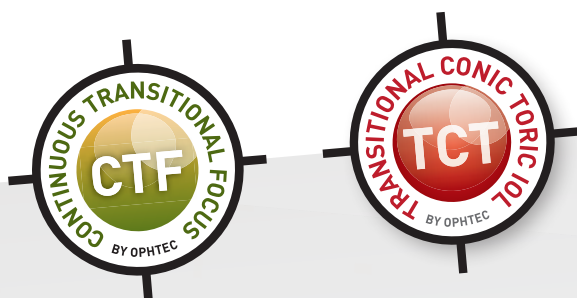


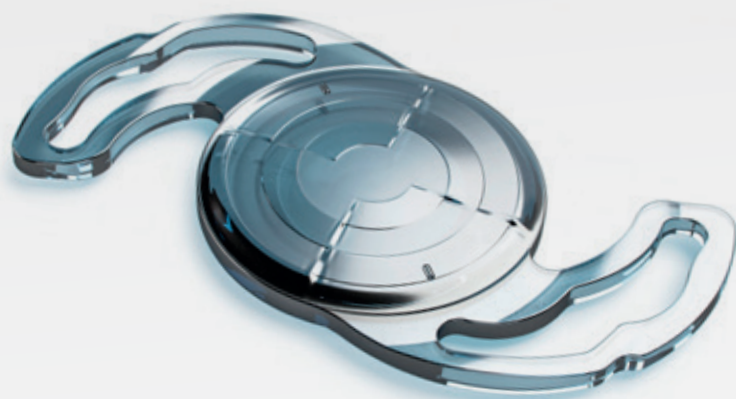
PRECIZON™

Aspheric Presbyopic Toric IOL



SPECIFICATIONS

PHYSICAL CHARACTERISTICS	PRECIZON PRESBYOPIC TORIC
Model	575 Precizon Presbyopic Toric One piece IOL
Optic type	Aberration Negative (- 0.11 µm) Continuous Transitional Focus (CTF) optic
Central far zone size Y/X	1.4 / 2.6 mm
Rotated segments width	0.60 mm
Number of segment rings	3 n
Refractive index	1.46
Abbe number	47
Optic powers	Sphere: +5.0 D to + 34.0 D (0.5 D increments) * / ** Cylinder: +1.0 D to + 6.0 D (0.5 D increments) Power add +2.75 D.
Haptic configuration	Open modified C-loops with offset shaped haptics
Lens material	Hybrid hydrophobic & hydrophilic monomers. Ultraviolet filtering HEMA/EOEMA Copolymer
Lens colour	Clear
Body Ø	6.0 mm
Overall Ø	12.5 mm
Haptic angle	0°
Centre thickness range	0.8 to 1.3 mm
Body edge thickness	0.4 mm
A-constant*** Ultrasound	118.0
A-constant*** Optical	118.8 (SRK T) 118.8 (SRK II) 0.126 (Haigis a0) 0.355 (Haigis a1) 0.157 (Haigis a2) 5.51 (Hoffer-Q pACD) 1.72 (Holladay 1 sf) 1.78 (Barrett suite LF) 0.0 (Barrett suite DF)
Light distribution	40/60 near/far



PRESBYOPIA & ASTIGMATISM CORRECTION REINVENTED

Optic designed to:

- ✓ REDUCE GLARE & HALOS¹
- ✓ TOLERATE THE KAPPA ANGLE²
- ✓ TOLERATE DECENTRATION³
- ✓ TOLERATE MISALIGNMENT⁴

Nature is not an optical bench
- Treat presbyopia & astigmatism with confidence -

* The minimum Sphere power is 1.5 + C e.g. 575A107TY10 = S5.0 & C3.5 (1.5+3.5=5.0)
** The maximum Sphere power is 35 - C e.g. 575A111TY59 = S29.5 & C5.5 (35-5.5=29.5)
*** Check www.ophtec.com for up to date A-constants

1) The misalignment tolerance and the use of segments instead of concentric rings reduces photic phenomena, helping patients to adapt more naturally to their new vision.
2) The central zone of 1.4 mm in diameter is larger than most available mIOLs and allows a wider tolerance so that the visual axis passes through the wider central segment avoiding visual disturbances.
3) In cases of tilt or misalignment, the patient can still benefit from good near and far vision, as the segmented zones allow a balanced far/near light distribution in a steady optical platform.
4) Broader Toric meridian designed to be more tolerant of misalignment. White paper: Evaluation of a new toric IOL optic by means of intraoperative wavefront aberrometry (ORA system): the effect of IOL misalignment on cylinder reduction. By Erik L. Mertens, MD Medipolis Eye Center, Antwerp, Belgium





PRECIZON™ Family Aspherical IOLs



PRECIZON
Aspheric Monofocal IOL



PRECIZON
Aspheric Toric IOL



PRECIZON NVA
Aspheric Presbyopic IOL



PRECIZON
Aspheric Presbyopic Toric IOL

