

Precizon

Presbyopic NVA **CTF**



Specifications

Physical Characteristics	Precizon Presbyopic NVA
Model	570
Fixation	In the capsular bag
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	+1.0 D to +35.0 D (0.5 D increments) Power add +2.75 D
Haptic configuration	C-loops with offset shaped haptics
Lens material	Hybrid hydrophobic & hydrophilic acrylic monomers with UV filter
Lens colour	Clear
Body Ø	6.0 mm
Overall Ø	12.5 mm
Haptic angle	0°
A-constant* Ultrasound	118.3
A-constant* Optical	118.8 (SRK T) / 118.8 (SRK II) / 0.126 (Haigis aO) 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

*Check ophtec.com for up to date A-constants

Full range of vision

Precizon Presbyopic NVA is a hybrid acrylic IOL with a CTF optic designed to correct presbyopia.

- ✓ Natural vision at all distances
- ✓ Pupil independent
- ✓ Tolerance for large kappa angle

With CTF

Our patented Continuous Transitional Focus (CTF) technology goes beyond multifocality.

- ✓ Smooth continuous transition of power
- ✓ Combines refractive optics with spherical aberration
- ✓ Closely spaced multiple elongated focal points
- ✓ Enhanced depth of focus

IOLMATIC

All Precizon IOLs are easy to implant with the IOLMATIC injector system. With just 2 simple clicks the injector is connected to the lens holder, loaded with the IOL and ready to use.