

Softec HP1™

HD OPTIC DESIGN

Hydrophobic Bi-Aspheric Lens

Go Beyond The Standard



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Softec HP1
Hydrophobic Lens

- » Designed to be the most accurate IOL with patented bi-aspheric design with square edge technology
- » Greater precision due to quarter diopter increments
- » Tighter manufacturing diopter tolerance within +/- 0.11 D



more information on

www.lenstec.com



Softec HP1 Technical Specifications†

Optic Size	6.00 mm
Optic Type	Bi-Aspheric
Overall Length	13.00 mm
Haptic Style	Modified C
Angulation	0 Degrees
Positioning Holes	0
Construction	1 Piece
Optic Material	Hydrophobic

†The A-Constant and ACD values printed are estimates only. It is recommended that the surgeon determine his or her own values based on their individual clinical experience.

Constants (Optical Interferometry):*

Immersion	A = 119.1
SRK/T	A = 119.1
Holladay1	1.85
Hoffer Q	pACD = 5.61

*i.e. Using IOL Master, LENSTAR Optical Biometers

Diopter Steps

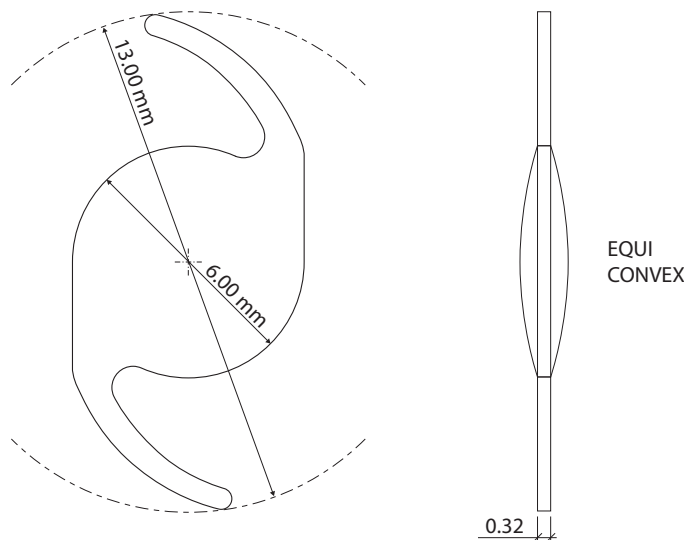
Whole	+10.00 to +30.00
Half	+10.50 to +29.50
Quarter	+15.00 to +25.00

Softec HP1 Hydrophobic Lens

The Lenstec Hydrophobic Lens (Softec HP1) is an ultraviolet absorbing optical implant indicated for use in correction of Aphakia.

The Softec HP1 has the following optical features:

- » Zero spherical aberration.
- » A patented HD optic design.
- » Low dysphotopsia.
- » A very small defocus, which translates to a sharper image along the optical axis of the lens and improves contrast and visual acuity (based on Through-Focus MTF).



Lenstec New Gold Standard: 0.11 D Tolerance - 3x More Precise!

Industry Standard IOL			Softec HP1 IOL		
Lens Prescription	Allowed Tolerance	Max. Variance for a standard IOL in an eye that requires a 24.25D lens is 0.65D . (smaller number is better)	Lens Prescription	Allowed Tolerance	Max. Variance for a Softec HP1 IOL in an eye that requires a 24.25D lens is 0.11D . (smaller number is better)
24.00	±0.4		24.00	±0.11	
			24.25	±0.11	
24.50	±0.4		24.50	±0.11	
			24.75	±0.11	

Bi-Aspheric Equal Conic Zero aberration IOL. Softec HP1 addresses the issue of spherical aberration inherent in conventional monofocal spherical IOLs by adjusting the optic with a patented design on both the anterior and posterior surfaces.

The Softec HP1 is not currently for sale in the U.S.

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PKB63 Rev 3

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