Softec HP1™

HD OPTIC DESIGN

Hydrophobic Bi-Aspheric Lens

Go Beyond The Standard



LENSTEC™ LENSTEC™ LENSTEC™ LENSTEC™ LENSTEC™ LENSTEC™



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**

LENSTEC™

more information on

www.lenstec.com

LENS TEC™

Softec HP1™

HD OPTIC DESIGN

Hydrophobic Bi-Aspheric Lens

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 = 118.70
SRK/T	A = 118.70
Hoffer Q	pACD = 5.37

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

Diopter Steps

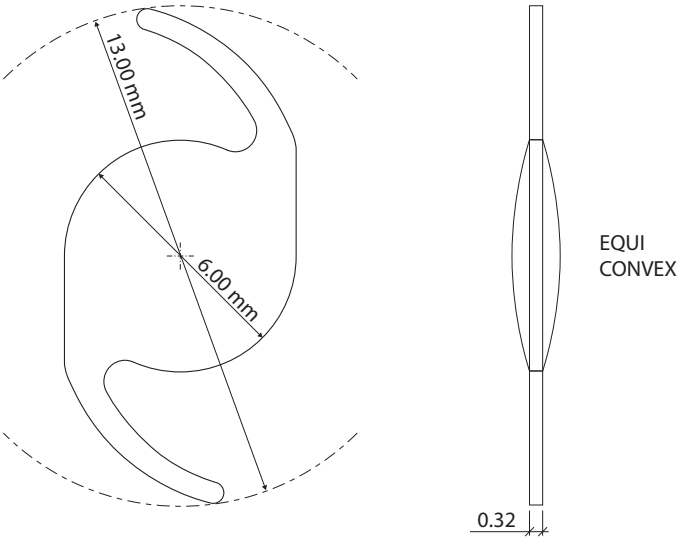
Whole	+10.00 to +30.00
Half	+10.50 to +29.50
Quarter	+15.00 to +25.00

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 HP-1 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 HP-1 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.

Significant Outcomes. Mean refractive outcome was found to be closer to intended outcome, depth of field was significantly improved, and critical print size for fluent reading was smaller when compared to a standard monofocal IOL.[1]

The Softec HP-1 is not currently for sale in the U.S.

1. Craig JP, Shah S, Wolffsohn JS. Clinical evaluation of the Softec HD aberration-free aspheric intraocular lens. *Clin Experiment Ophthalmol* 2011; 39(3): 281-3. »

World Headquarters
Lenstec, Inc.
1765 Commerce Ave. N.
St. Petersburg
FL 33716, USA

Tel: 727-571-2272
Fax: 727-571-1792
Email: lenstec@lenstec.com

Lenstec Barbados
Lenstec Barbados Inc.
Airport Commercial Centre
Pilgrim Road, Christ Church
BB17092, BARBADOS

Tel: 246-420-6795
Fax: 246-420-6797
Email: lenstecbarbados@lenstec.com

Lenstec UK
Lenstec Barbados Inc.
Lenstec House
Unit 8, Mariner Court Calder Park
Wakefield WF4 3FL, UK

Tel: +44 (0)1924 382 678
Fax:+44 (0)1924 850 454
Email: lenstecuk@lenstec.com

bsi. ISO 13485 Medical Devices Quality Management
FM 38446

more information on
www.lenstec.com