



# **GALAXY****FOLD**

**Aspheric Optics**



**ELLIS  
OPHTHALMIC  
TECHNOLOGIES INC.**

## Galaxy Fold - Center Fit

Galaxy Fold Center Fit is a single piece hydrophilic acrylic lens manufactured from ultrapure 26% hydrophilic material with excellent biocompatibility and low inflammatory response. The material is free of microvacuoles and glistenings. Handling characteristics and unfolding are optimal for placement inside the capsular bag.

Lenses are lathe cut using nano precision machining technology and tumble polished to produce high quality optical surfaces.

Negative spherical aberration design on anterior surface improves contrast sensitivity and low light visual acuity compared with spherical IOLs.

360° square edge design reduces the incidence of PCO and YAG capsulotomy rates.

The 4 haptics design enhances wider angle of equatorial contact and reliable centration inside the capsular bag.

### Technical Specifications

Model Name	Center Fit
Power Range	-10.0 D to +50.0 D (In Steps of 0.50 D)
Delivery System Type	Single Use Disposable IOL injector system
Incision Size	2.8mm

Aspheric Monofocal IOL	
Material	Single piece hydrophilic acrylic
Water Content	26% in equilibrium
UV Protection	Yes
UV Light Transmission	UV 10% cut-off is 380 nm
Refractive Index	1.460
Overall Length	11.00 mm
Optic Diameter	6.10 mm
Optic Shape	Biconvex
Asphericity	Anterior aspheric surface with negative aspheric design
Optic Edge Design	360° square edge
Haptic Angulation	0°
Haptic Style	4 haptics

Estimated Constants for Optical Biometry					
SRK/T	Haigis			HofferQ	Holladay
A-constant	a0	a1	a2	pACD	SF
118.6	1.323	0.578	0.20	5.39	1.63

For Contact Ultrasound, the estimated A-constant is 118.0  
Please note that the constants indicated for all lenses are estimates and are for guidance purposes only.

## Galaxy Fold - Center Fix

Galaxy Fold Center Fix is a single piece hydrophilic acrylic lens manufactured from ultrapure 26% hydrophilic material with excellent biocompatibility and low inflammatory response. The material is free of microvacuoles and glistenings. Handling characteristics and unfolding are optimal for placement inside the capsular bag.

Lenses are lathe cut using nano precision machining technology and tumble polished to produce high quality optical surfaces.

Negative spherical aberration design on anterior surface improves contrast sensitivity and low light visual acuity compared with spherical IOLs.

360° square edge design reduces the incidence of PCO and YAG capsulotomy rates.

The closed loop haptics design ensures excellent centration and stability inside the capsular bag.

### Technical Specifications

Model Name	Center Fix
Power Range	-10.0 D to +50.0 D (In Steps of 0.50 D)
Delivery System Type	increments] Single Use Disposable IOL
Incision Size	injector system 2.8mm

Aspheric Monofocal IOL	
Material	Single piece hydrophilic acrylic
Water Content	26% in equilibrium
UV Protection	Yes
UV Light Transmission	UV 10% cut-off is 380 nm
Refractive Index	1.460
Overall Length	12.50 mm
Optic Diameter	6.10 mm
Optic Shape	Biconvex
Asphericity	Anterior aspheric surface with negative aspheric design
Optic Edge Design	360° square edge
Haptic Angulation	0°
Haptic Style	Closed Loop Haptics

Estimated Constants for Optical Biometry					
SRK/T	Haigis			HofferQ	Holladay
A-constant	a0	a1	a2	pACD	SF
118.6	1.323	0.578	0.20	5.39	1.63

For Contact Ultrasound, the estimated A-constant is 118.0  
Please note that the constants indicated for all lenses are estimates and are for guidance purposes only.