



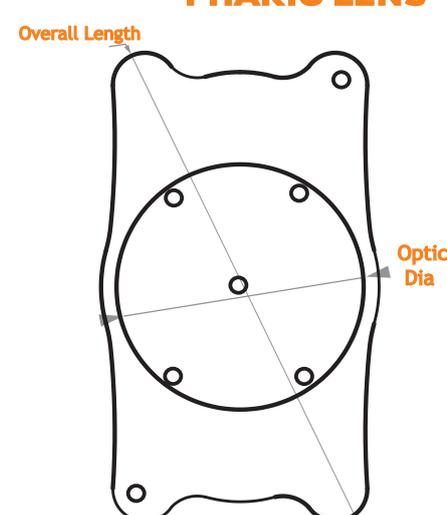
Vision Sights Pvt Ltd



Product Guide

Intraocular lens



Optic Diameter	5.00 mm to 6.50mm	Specification: PHAKIC LENS 
Overall Length	11.00 mm to 13.00 mm	
IOL Power (Spherical equivalent Diopter)	-1.0D to -30.00D (in 0.05 Steps)	
Material	Hydrophilic Acrylic	
Optic Type	Meniscus	
Vault Height	400 to 700 Microns	
Refractive index	1.460 ± 0.002	
Sterilization	Steam	

Model	PCL 605	PCL 604	PCL 603	PCL 602	PCL 601
size (mm)	13.00	12.50	12.00	11.50	11.00

Raw Material

- The Phakic Lens is made In **p-HEMA** soft Hydrophilic Intraocular lens material.
- **UV** Protection built into the biocompatible material.
- Refractive Index - 1.460 + 0.002

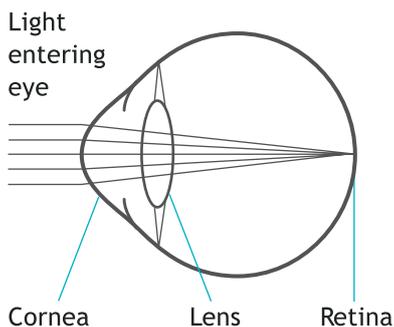
Available Optics Power

- Myopia in Adults ranging from -1.0 D to -30.0D

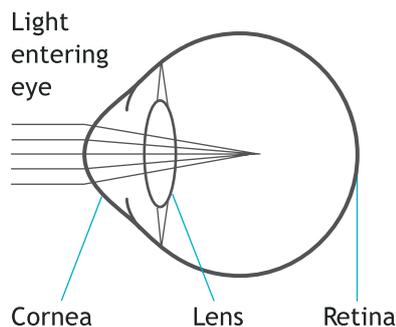
Surgical Outcome

- Walk in and walk out procedure.
- Designed to be permanent implant.
- If necessary, can be removable.
- The Patient safety and satisfaction level is high.
- 100% tested for MTF.
- 100% optimized for close tolerance with labeled Diopter.
- High contract sensitivity under all lighting condition.

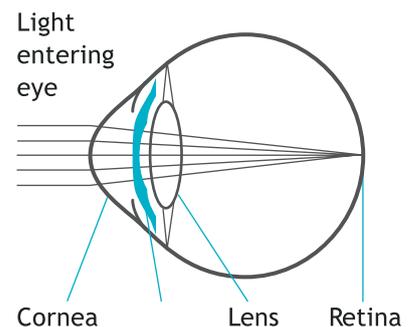
Normal Eye

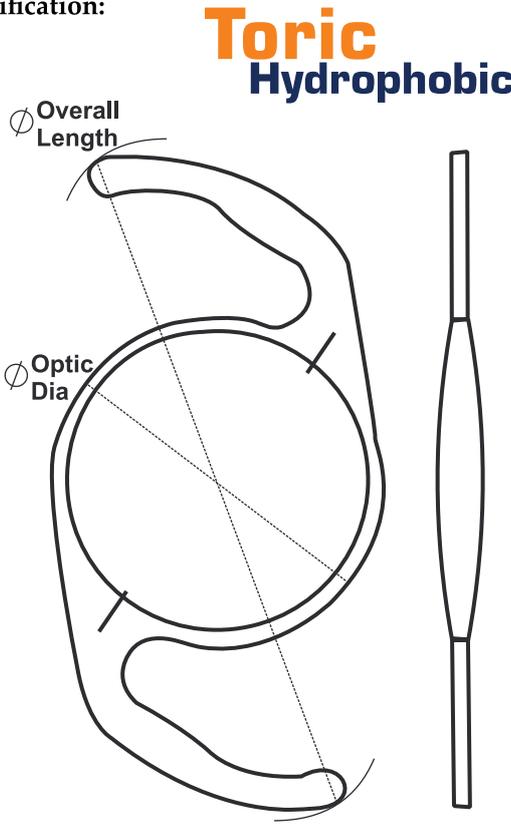


Nearsighted Eye



Eye After Treatment



Optic Size	6.00mm	Specification:  <p>Toric Hydrophobic</p> <p>∅ Overall Length</p> <p>∅ Optic Dia</p>								
Haptic Size	12.50mm & 13.00mm									
Optic	Biconvex, Anterior Toric Aspheric Surface									
Edge Design	Continuous 360 Posterior square edge									
Haptic Design	Single Haptic									
Haptic Angle	0°									
AC Depth	5.28 mm									
Incision	2.4mm & 2.2 mm									
Dioptr Range	cylinder Power 1.5 D to 6.5D in 0.75 Increments									
Refractive Index	1.4933±0.002									
A.Constant	<table border="1"> <thead> <tr> <th></th> <th>Ultrasound</th> <th>Optical Biometry*</th> </tr> </thead> <tbody> <tr> <td>SRK/T</td> <td>118.4</td> <td>118.7</td> </tr> <tr> <td>SRK/II</td> <td>118.6</td> <td>118.9</td> </tr> </tbody> </table>			Ultrasound	Optical Biometry*	SRK/T	118.4	118.7	SRK/II	118.6
	Ultrasound	Optical Biometry*								
SRK/T	118.4	118.7								
SRK/II	118.6	118.9								

*The Values are of estimates only. It is recommended that the surgeon derive his/her own values based on data of the eye to be operated upon & characteristic of IOL

Model: PHT-64	T1.50	T2.25	T3.00	T3.75	T4.50	T5.25	T6.00
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- ✓ The Toric IOL tailored to preserve the eye's natural spherical aberration - delivering stable outcomes with exceptional rotational stability.
- ✓ Uniform in power from center to edge across the principle meridian.
- ✓ Aspheric Optical Profile and Excellent Rotational Stability.
- ✓ Reduced PCO with Advanced Square Edge
- ✓ Predictable Astigmatic Correction
- ✓ Manufactured with state of art machining technology with latest advance machines which ensures predictable outcomes

Select Astig Toric IOL For:



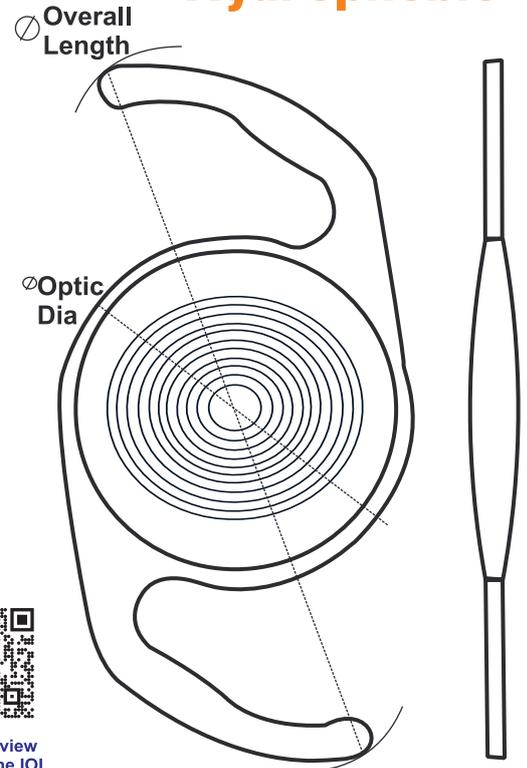
iSENZ[®]Vue TRIFOCAL-EF

Trifocal Enhanced Depth of Focus Glistening Free IOL

Model	VS-TRI-762									
Optic Diameter	6.00 mm									
Overall Length	13.00 mm									
Optic Design	Aberration Neutral, Negative Aspheric Biconvex									
Haptic Design	Step Vaulted "C" Design, 0 Angulation									
PCO Protection	360 Perfect Square edge around the optic edge									
Delivery system	Preloaded / Non preloaded (2.20mm nozzle for sub 2.4 mm incision)									
Power Range	0.0 D to +30.0 D (increments 0.50 D)									
IOL Plane	Trifocal, Diffractive, +3.50 D near add and +1.75 D intermediate add at the IOL plane									
Material	Hydrophobic, Refractive index : 1.4933+0.002									
A.Constant	<table border="1"> <thead> <tr> <th></th> <th>Ultrasound</th> <th>Optical Biometry</th> </tr> </thead> <tbody> <tr> <td>SRK/T</td> <td>118.4</td> <td>118.7</td> </tr> <tr> <td>SRK/II</td> <td>118.6</td> <td>118.9</td> </tr> </tbody> </table>		Ultrasound	Optical Biometry	SRK/T	118.4	118.7	SRK/II	118.6	118.9
	Ultrasound	Optical Biometry								
SRK/T	118.4	118.7								
SRK/II	118.6	118.9								

Specification:

Trifocal Hydrophobic



Scan to view
Implant the IOL

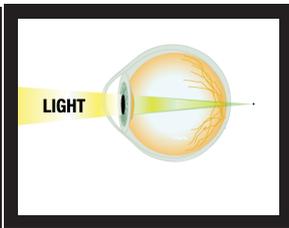
CATARACT



Signs of Cataracts

- Clouded Blurred or dim vision
- Increasing difficulty with vision at night
- Sensitivity to light and glare
- Seeing "halos" around lights
- Fading or yellowing of colors

PRESBYOPIA



Signs of Presbyopia

- Having eyestrain or headaches after reading or doing close work.
- Having difficulty reading small print.
- Having fatigue from doing close work.
- Squinting

iSENZ[®]Vue TRIFOCAL-EF

IOLs have three features to personalize your Visions.

Each Type of IOLs have Outstanding vision to meet your specific needs. We can look forward to seek objects close, in-between and far into the distances.

+3.00

+3.50

+4.00

THE EXCELLENT LENS FOR YOUR LIFESTYLE

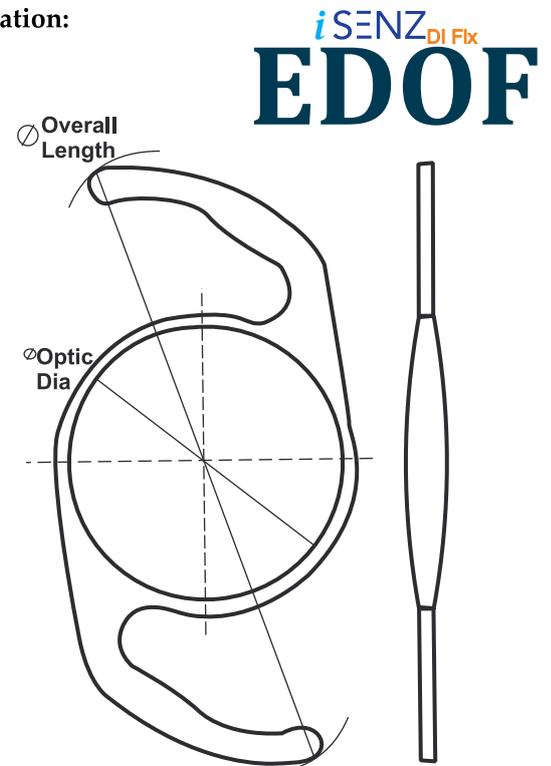
You have more comfort while reading a book, and more confidence while viewing the screen on your smart phone and TV and excellent vision to find your things on the Far Distance . Optima Binary Multifocal IOLs have a Unique solution for Excellent for your active lifestyle.

CONCLUSION:

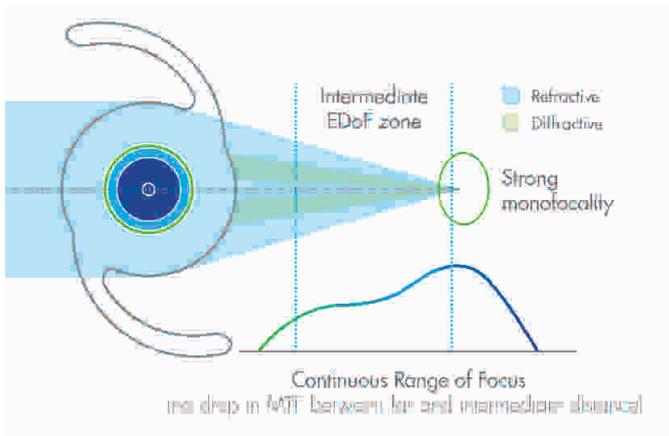
Patients with age-related vision loss can look forward to regain their younger vision and reducing their dependence on glasses. Our Clinical studies indicates that 90 out of 100 patients said that they are satisfied with Binary Multifocal IOLs of Optima Family.

Model	CFH- 672									
Optic Diameter	6.00 mm									
Overall Length	13.00 mm									
Optic Design	Aberration Neutral, Negative Aspheric Biconvex									
Haptic Design	Step Vaulted ``C``Design, 0°Angulation									
PCO Protection	360° Perfect Square edge around the optic edge									
Delivery system	Preloaded / Non preloaded (2.40mm nozzle for sub 2.6 mm incision)									
Power Range	0.0 D to +30.0 D (increments 0.50 D)									
IOL Plane	Purely Refractive with +3.00 D and +3.25 D Additional Power									
Material	Hydrophobic, Refractive index : 1.4933+0.002									
A.Constant	<table border="1"> <thead> <tr> <th></th> <th>Ultrasound</th> <th>Optical Biometry</th> </tr> </thead> <tbody> <tr> <td>SRK/T</td> <td>118.4</td> <td>118.7</td> </tr> <tr> <td>SRK/II</td> <td>118.6</td> <td>118.9</td> </tr> </tbody> </table>		Ultrasound	Optical Biometry	SRK/T	118.4	118.7	SRK/II	118.6	118.9
	Ultrasound	Optical Biometry								
SRK/T	118.4	118.7								
SRK/II	118.6	118.9								

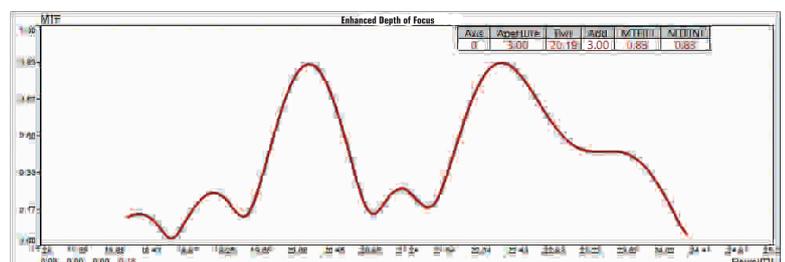
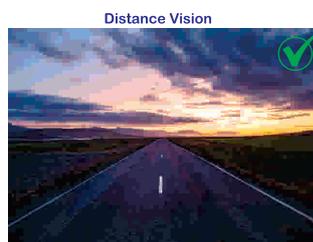
Specification:



Refractive Enhanced Depth of Focus



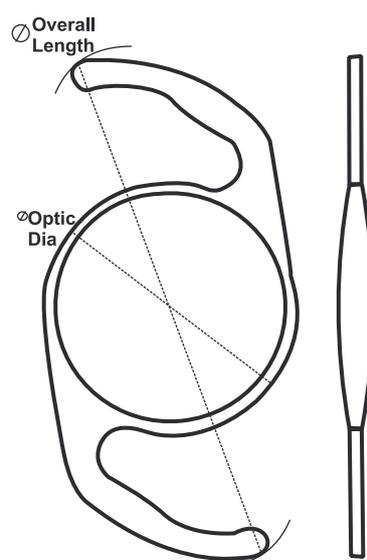
- ✔ Lens offers excellent distance as well as intermediate vision
- ✔ EDOF is a new technology that has recently emerged in the treatment of **Presbyopia -Correcting IOLs**
- ✔ Designed to enable safe and ease of implantation in the eye
- ✔ EDOF Lenses work by creating a single elongated focal point to enhance " **Depth Of Focus**" .



Model	HPS 707SQ	HPS 707SQY	HPS 709SQ	HPS 709SQY
Overall Diameter (mm)	12.50	12.50	13.00	13.00

Optic	6.00 mm		
Optic Design	Aberration Neutral, Negative Aspheric Biconvex		
Haptic Design	Step Vaulted "C" Design, 0° Angulation		
PCO Protection	360° Perfect Square edge around the optic edge		
Delivery system	Preloaded / Non preloaded		
Power Range	-10.00 D to +40.0 D (increments 0.50 D)		
Material	Hydrophobic, Refractive index : 1.4933±0.002		
A.Constant		Ultrasound	Optical Biometry
	SRK/T	118.4	118.7
	SRK/II	118.6	118.9

Specification:



∅ Overall Length

∅ Optic Dia

I SENZ JET **Preloaded Injector System** is specially designed for smoother and safer delivery of Hydrophobic IOL

I SENZ JET **Non-Preloaded Injector System** is smoother and safer delivery of Hydrophobic IOL

I SENZ JET injector system deliver the IOL from **1.80 mm to 2.60 mm Incision** with various cartridges

Click-lock mechanism thereby securing the lens in the exact position for a perfect lens delivery into the eye

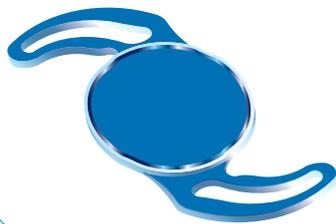
Lens insertion is gentle and without the lens wedging or twisting ensure a controlled release, and consequently a precise positioning in the eye



Standard Aspheric optics vision performance under low light



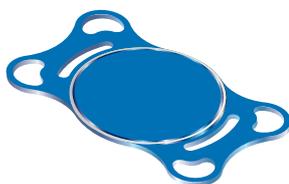
Aberration neutral I SENZ VUE Hydrophobic aspheric Foldable excellent visual performance under low light



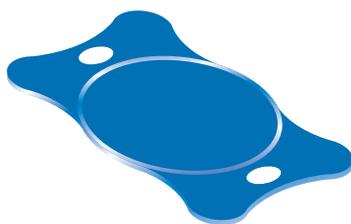
Model	AFS 61SQ	AFS 61SQY
Optic Diameter	6.00 mm	
Overall Diameter	12.50 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex	
Haptic Design	Double Haptics , 5° Angulation	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A. Constant	+ve power Range: 118, -ve Power Range : 117.4	



Model	AFS 61SQ-R	AFS 61SQY-R
Optic Diameter	6.00 mm	
Overall Diameter	12.50 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex	
Haptic Design	"C" design, 5° Angulation	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	+ve power Range: 118, -ve Power Range : 117.4	



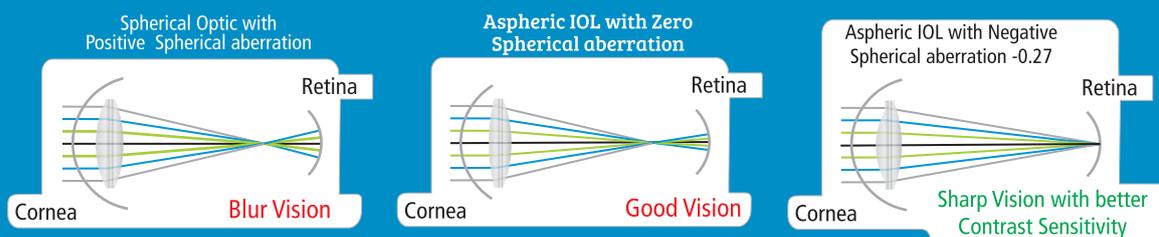
Model	AFS 606SQ	AFS 65SQY
Optic Diameter	6.00 mm	
Overall Diameter	11.00 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex	
Haptic Design	4-Point Fixation, 5° Angulation	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	+ve power Range: 118, -ve Power Range : 117.4	



Model	AFS 605SQ	AFS 64SQY
Optic Diameter	6.00 mm	
Overall Diameter	10.60 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex	
Haptic Design	Plate Haptics , 5° Angulation	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	+ve power Range: 118, -ve Power Range : 117.4	



SPHERICAL ABERRATION OF MONOFOCAL IOL



E IOL with Residual Spherical Aberration

E Optima Tru Aberration Neutral Yellow Optics better visual performance in night time.

- ✓ Natural Yellow Hydrophilic Acrylic, 26% Water Content with UV filter
- ✓ UA-A(Violet light and dark blue light) filter and allowing healthy blue spectrum light in
- ✓ Powers Available : - 10.0 D to +40.0 D
- ✓ Injector and Cartridge System goes together with the optima Fold Lenses
- ✓ Better visual acuity and Enhanced contrast even at night mode.
- (+10.0 D to +30.0 D in 0.5 D steps -10.0 D to +9.0 D and +31.0 to +40.0 D in 1.0 D Steps)

iSENZ[®]FOLD

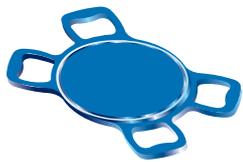
Hydrophilic acrylic Foldable Intraocular lens
with 360° Square Edge optics



Model	AFS 61-R
Optic Diameter	6.00 mm
Overall Diameter	12.50 mm
Optic Design	Spherical Biconvex
Haptic Design	Double Haptics , 5° Angulation
PCO Protection	360° perfect Square edge around the optic edge
Suggested A.Constant	+ve power Range: 118, -ve Power Range : 117.4



Model	AFS 61
Optic Diameter	6.00 mm
Overall Diameter	12.50 mm
Optic Design	Spherical Biconvex
Haptic Design	"C" design , 5° Angulation
PCO Protection	360° perfect Square edge around the optic edge
Suggested A.Constant	+ve power Range: 118, -ve Power Range : 117.4



Model	AFS 64	AFS 66
Optic Diameter	6.00 mm	6.00 mm
Overall Diameter	10.50 mm	11.00 mm
Optic Design	Spherical Biconvex	
Haptic Design	4-Point Fixation, Plate Haptics, 0° Angulation	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	+ve power Range: 118, -ve Power Range : 117.4	

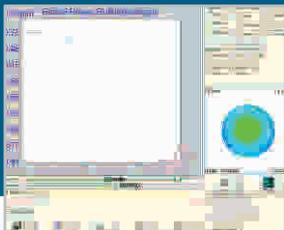


disposable injector system is specially designed for smoother and safer delivery of acrylic foldable IOL.

injector system deliver the IOL from 1.8 mm to 2.8 mm incision with various cartridges.

Click-lock mechanism thereby securing the lens in the exact position for a perfect lens delivery into the eye

Lens insertion is gentle and without the lens wedging or twisting ensures a controlled release, and consequently a precise positioning in the eye



Model SAF 6125SQ, +20.00 D Aspheric Map in Uniform Power , Provides Quality vision for all Patient. Greater depth of field maintaining high quality vision under low light.



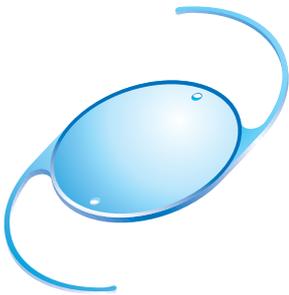
Standard Aspheric optics vision performance under low light



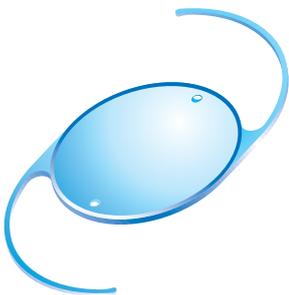
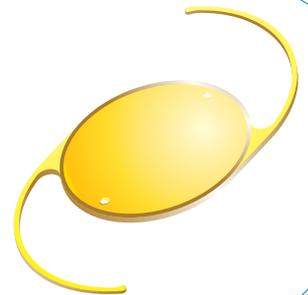
Aberration neutral OPTIMA Foldable excellent visual performance under low light

- Aberration neutral aspheric lenses are designed with uniform power from center to edge
- High Refractive Index : 1.46
- Estimated incision size : 1.80 to 2.2 mm
- Powers Available : - 10.0 D to +40.0 D
(+10.0 D to +30.0 D in 0.5 D steps -10.0 D to +9.0 D and +31.0 to +40.0 D in 1.0 D Steps)

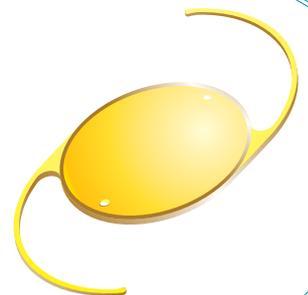
✓ Injector and Cartridge System goes together with the optima Fold Lenses



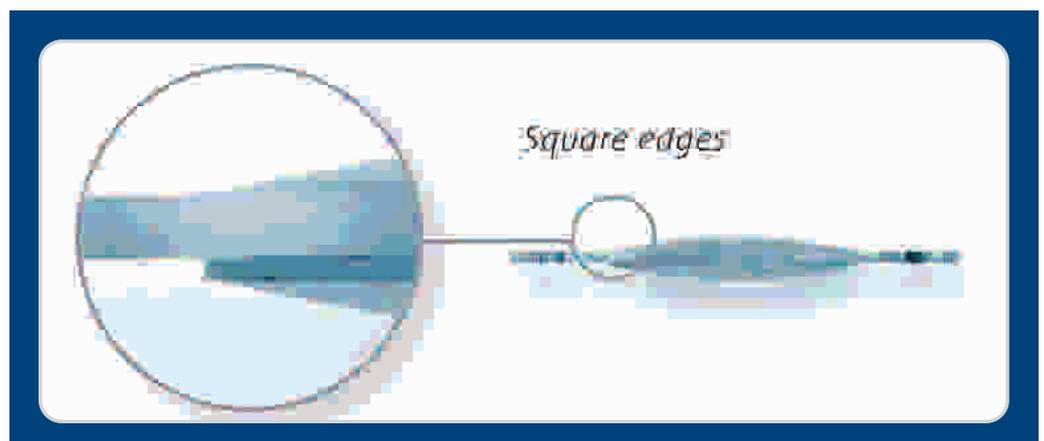
Model	IMC 502HSQ	IMC 502HSQY
Optic Diameter	6.00 mm	
Overall Diameter	12.50 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex with 2 Holes	
Haptic Design	"C" design with Step Vault	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	118.4	



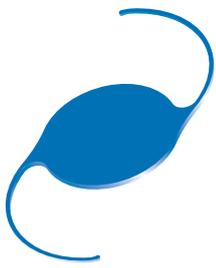
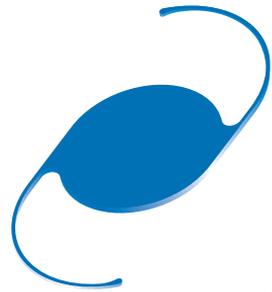
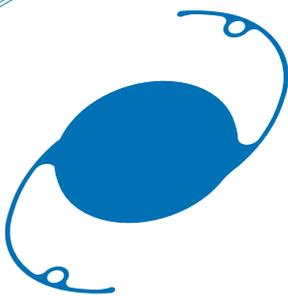
Model	IMC 503HSQ	IMC 503HSQY
Optic Diameter	6.00 mm	
Overall Diameter	13.00 mm	
Optic Design	Aberration Neutral, Negative Aspheric Biconvex with 2 Holes	
Haptic Design	"C" design with Step Vault	
PCO Protection	360° perfect Square edge around the optic edge	
Suggested A.Constant	118.2	



- ✓ CQ PMMA- Bio-compatibility material with UV filter ensuring adequate UV protection.
- ✓ Single Piece Posterior Chamber with posterior Side Square edge and rounded Anterior Edge.
- ✓ Aberration neutral aspheric lenses are designed with uniform power from center to edge and reduced glare & glistening
- ✓ 360 ° Sharp Edge around the whole outline of the optic reduces the cell adhesion for highest possible PCO prevention.
- ✓ The Haptics design with step vault ensures, better contact with the capsular bag and better centration post operatively .
- ✓ Powers Available : - 10.0 D to +40.0 D
(+10.0 D to +30.0 D in 0.5 D steps -10.0 D to +9.0 D and +31.0 to +40.0 D in 1.0 D Steps)
- ✓ Optics are Yag Laser compatible.
- ✓ Sterilized by Ethylene Oxide



PMMA Single Piece Posterior Chamber and Anterior Chamber Intraocular lens

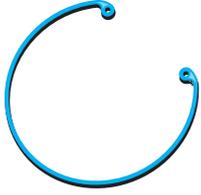
	Model	IMC 501	IMC 504	IMC 602	
	Optic Diameter	5.00 mm	6.00 mm	5.50 mm	
	Overall Diameter	12.50 mm	13.00 mm	12.50 mm	
	Optic Design	Spherical Biconvex			
	Haptic Design	"C" Design with Step Vault			
	Dialing Holes	Nil			
	Suggested A.Constant	118.4			
	Model	IMC 502H	IMC 504H	IMC 505	
	Optic Diameter	6.00 mm	6.00 mm	6.50 mm	
	Overall Diameter	12.50 mm	13.00 mm	13.00 mm	
	Optic Design	Spherical Biconvex			
	Haptic Design	"C" design with Step Vault			
	Dialing Holes	Two			
	Suggested A.Constant	118.4	118.2		
	Model	IMC 507H	IMS 502		
	Optic Diameter	6.50 mm	6.00 mm		
	Overall Diameter	13.50 mm	12.50 mm		
	Optic Design	Spherical Biconvex	Spherical Biconvex		
	Haptic Design	"C" design with Step Vault	"S" design with Step Vault		
	Dialing Holes	Nil	Nil		
	Suggested A.Constant	118.2	115.3		

Anterior Chamber IOL

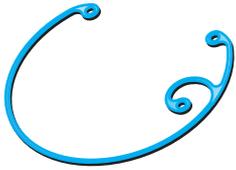
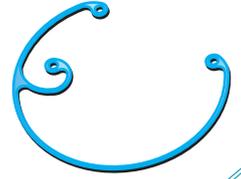
PMMA Intraocular lens

- CQ PMMA- Bio-compatibility material with UV filter ensuring adequate UV protection.
- Aberration neutral aspheric lenses are designed with uniform power from center to edge and reduced glare & glistening
- The Haptics design with step vault ensures, better contact with the capsular bag and better centration post operatively .
- Powers Available : - 10.0 D to +40.0 D
(+10.0 D to +30.0 D in 0.5 D steps -10.0 D to +9.0 D and +31.0 to +40.0 D in 1.0 D Steps)
- Optics are Yag Laser compatible.
- Sterilized by Ethylene Oxide

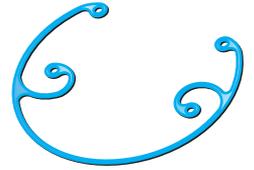
PMMA Capsular Tension Ring and Advance Capsular Tension Ring



Model	ICT 119	ICT 120	ICT 131	ICT 142	ICT 120L	ICT 130L
Overall Diameter	11.0 mm	12.0 mm	13.0 mm	14.0 mm	12.0 mm	13.0 mm
Insertion Diameter	09.0 mm	10.0 mm	11.0 mm	12.0 mm	10.0 mm	11.0 mm
Fixation Hook	Nil			Left side with Step Vault		
Material	CQ- PMMA Clear / Blue					



Model	ICT 120R	ICT 130R	ICT 120LR	ICT 130LR
Overall Diameter	12.0 mm	13.0 mm	12.0 mm	13.0 mm
Insertion Diameter	10.0 mm	11.0 mm	10.0 mm	11.0 mm
Fixation Hook	Right Side with Step Vault		Both Side with Step Vault	
Material	CQ- PMMA Clear / Blue			



Optima - Iris Claw Intraocular lens

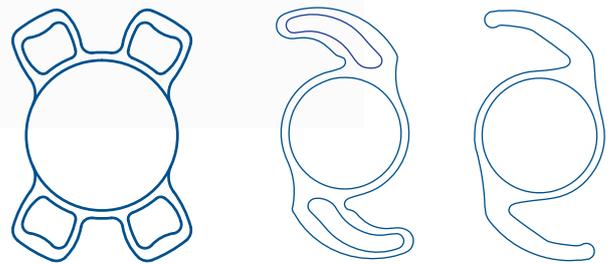


Model	IC 8040 / IC 7442	IC 8550 / IC 9550
Optic Design	4.0 mm X 8.0 mm / 4.25 mm X 7.25 mm	5.50 mm X 8.0 mm / 5.50 mm X 9.0 mm
Optic Size	Convex / Concave	Convex / Concave
Haptic Design	Spherical	Spherical
A.Constant / AC Depth	117.2 / 2.95	117.2 / 2.95



PMMA Capsular Tension Ring

- ✓ CQ PMMA - Clinical Quality material with UV filter Clear and Blue colors available.
- ✓ Advanced Capsular tension rings are single or specially designed for scleral fixation with suture.
- ✓ Circular expansion and stabilization of the peripher
- ✓ Reduced risk of capsular fibrosis and shrinking
- ✓ Safe IOL centration in eyes with zonular dehiscence



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