

# TEKIA

## PRODUCT GUIDE

### Cataract & Refractive INTRAOCULAR LENSES

[TEKIA.COM](http://TEKIA.COM)



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## PRODUCT GUIDE

Cataract & Refractive  
INTRAOCULAR LENSES

# TEKIA

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Visit our website for the latest product information and updates including:

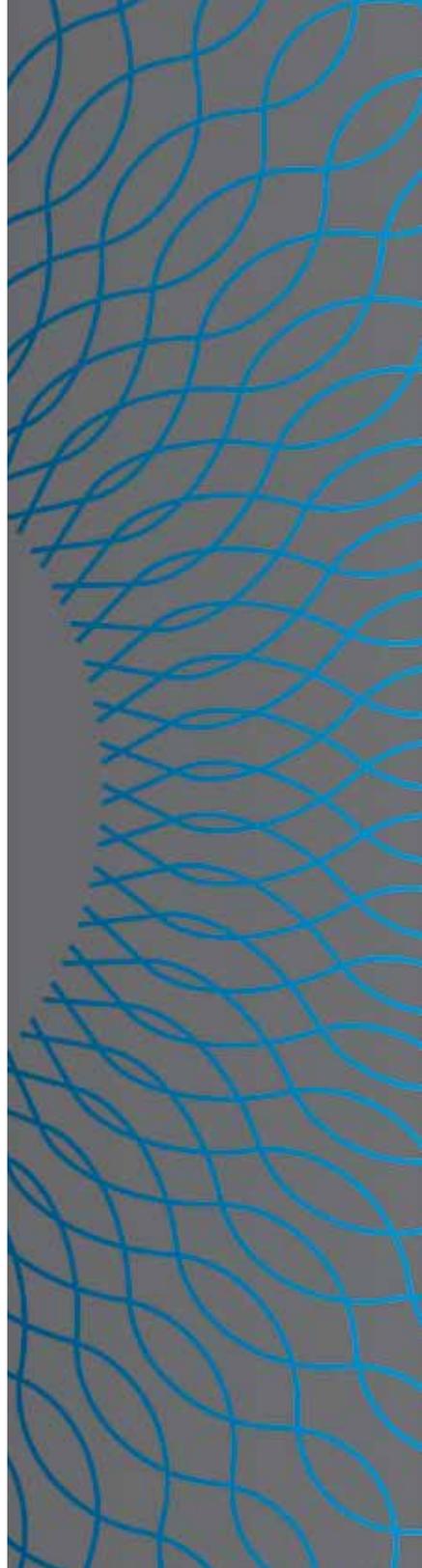
Surgeon Instructions  
Optimized IOL Constants  
Quality System & CE Mark Certificates  
Individual Product Data Sheets  
Product Brochures

[www.tekia.com](http://www.tekia.com)

TEKIA intraocular lenses are manufactured in the United States

TEKIA intraocular lenses are not FDA approved for sale in the United States

TEKIA Quality Management System is ISO 13485 certified for design, manufacturing and sales of intraocular lenses.



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Tek-Clear™ IOL  
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Indications: Posterior Chamber/Cataract Surgery

Tek-Lens™ III Model 900

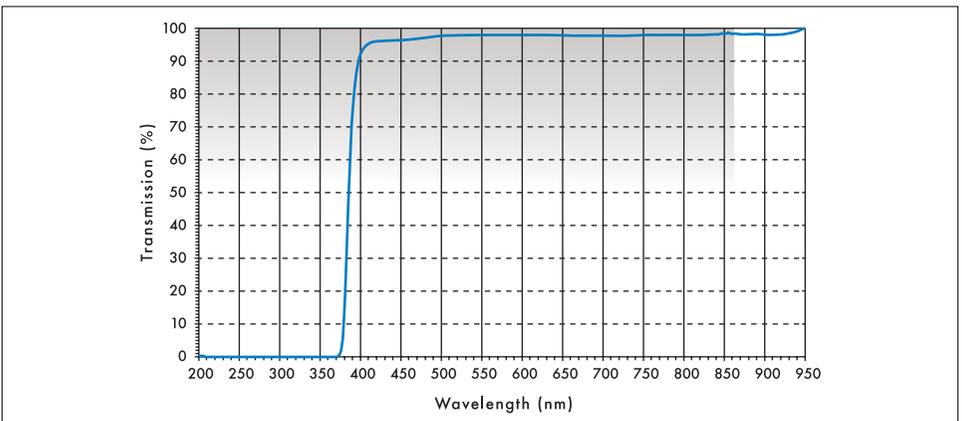
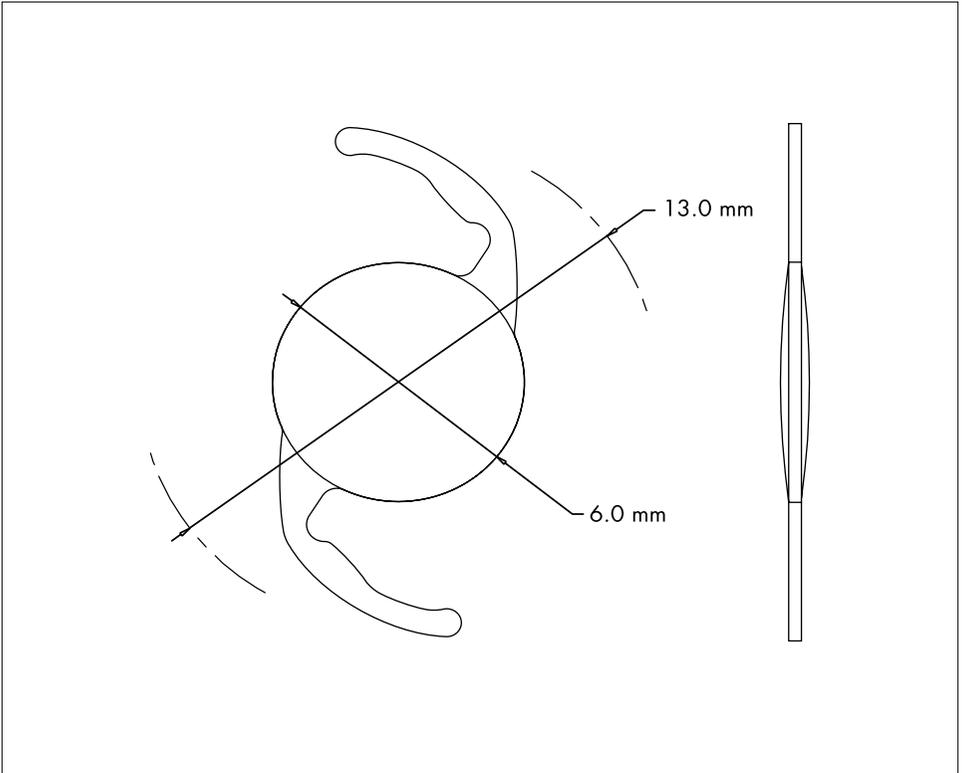
# Tek-Lens™ III

Hydrophobic Acrylic  
Intraocular Lens



Optical hydrophobic acrylic with UV blocker	Incision size: 2.2 mm		
Diopter range: 10.0 to 30.0 @ 0.5 increments			
Refractive Index: 1.555 @ 35°C	A-Constant	Ultrasound A-Scan	Optical Biometry
Light transmission (380 – 800 nm): > 96%	SRK/T Formula	117.8	118.8
UV cut-off < 10%: 379 nm	SRK/II Formula	118.1	119.1
UV transmission (300 – 380 nm): 0.5%			
Biconvex aspheric design			
360° square optic edge			

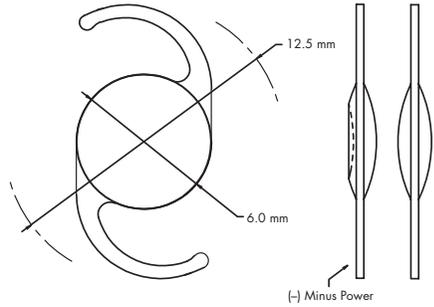
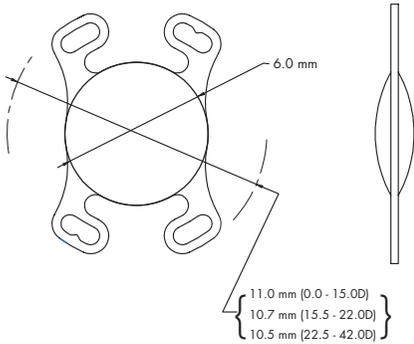
# HYDROPHOBIC ACRYLIC IOL



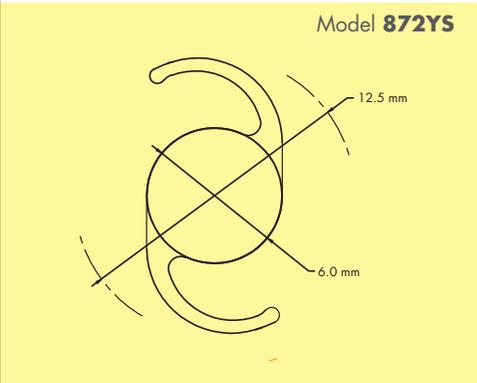
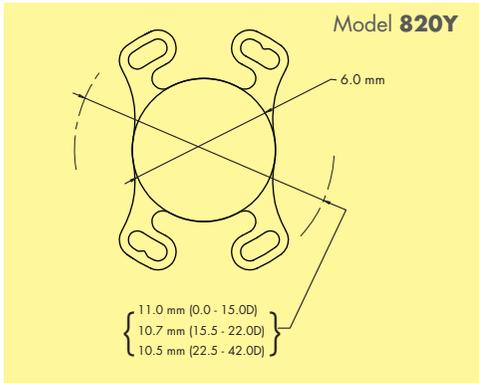
# MICS

# Spherical biconvex design

Tek-Lens™ II Model **820** (MICS)      Tek-Lens™ II Model **872S**



Clear



Blue Light Filter

Optical hydrophilic acrylic with UV blocker (26% water content)

Optical hydrophilic acrylic with UV blocker (26% water content)

Diopter range = 0.0 to 42.0  
 0.0 to 10.0 x 1.0 increments  
 10.0 to 30.0 x 0.5 increments  
 30.0 to 42.0 x 1.0 increments

Diopter range = (-) Minus 10.0 to 42.0  
 -10.0 to 10.0 x 1.0 increments  
 10.0 to 30.0 x 0.5 increments  
 30.0 to 42.0 x 1.0 increments

Refractive Index = 1.457 @ 35°C (fully hydrated)

Refractive Index = 1.457 @ 35°C (fully hydrated)

Light transmission > 95%

Light transmission > 95%

Equal biconvex aspheric design

Spherical biconvex design

Square optic edge

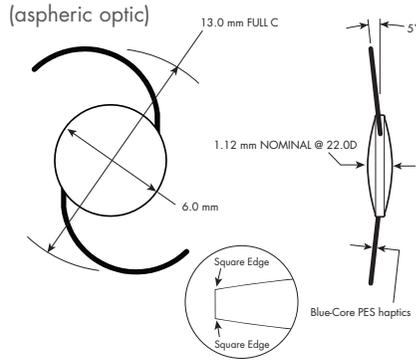
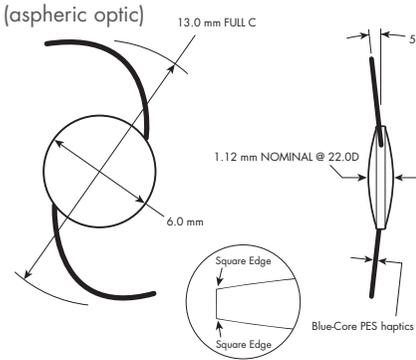
Square optic edge

Incision size = 1.8 mm

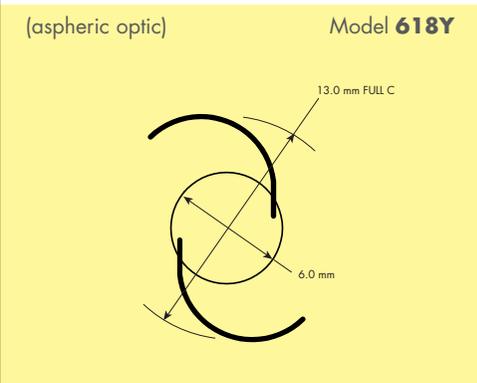
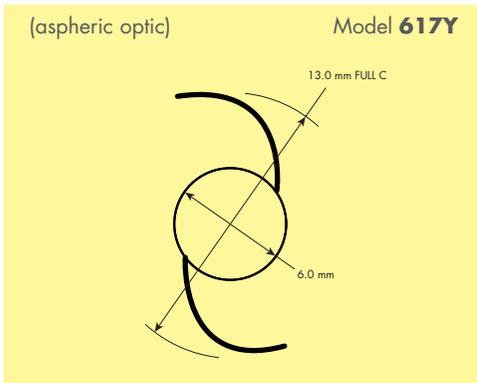
Incision size = 2.4 mm

	Tek-Lens™ II Model <b>811</b>	Tek-Lens™ II Model <b>872</b>
Clear		
Blue Light Filter	<p style="text-align: right;">Model <b>811Y</b></p>	<p style="text-align: right;">Model <b>872Y</b></p>
	<p>Optical hydrophilic acrylic with UV blocker (26% water content)</p> <p>Diopter range = 0.0 to 42.0</p> <p>0.0 to 10.0 x 1.0 increments</p> <p>10.0 to 30.0 x 0.5 increments</p> <p>30.0 to 42.0 x 1.0 increments</p>	<p>Optical hydrophilic acrylic with UV blocker (26% water content)</p> <p>Diopter range = (−) Minus 10.0 to 42.0</p> <p>−10.0 to 10.0 x 1.0 increments</p> <p>10.0 to 30.0 x 0.5 increments</p> <p>30.0 to 42.0 x 1.0 increments</p>
	<p>Refractive Index = 1.457 @ 35°C (fully hydrated)</p> <p>Light transmission &gt; 95%</p> <p>Equal biconvex aspheric design</p> <p>Square optic edge</p> <p>Incision size = 2.4 mm</p>	<p>Refractive Index = 1.457 @ 35°C (fully hydrated)</p> <p>Light transmission &gt; 95%</p> <p>Equal biconvex aspheric design</p> <p>Square optic edge</p> <p>Incision size = 2.4 mm</p>

Tek-Lens™ II Model **617** | Tek-Lens™ II Model **618**



Clear



Blue Light Filter

Optical hydrophilic acrylic with UV blocker (26% water content)

Optical hydrophilic acrylic with UV blocker (26% water content)

Diopter range = 6.0 to 30.0  
6.0 to 10.0 x 1.0 increments  
10.0 to 30.0 x 0.5 increments

Diopter range = 6.0 to 30.0  
6.0 to 10.0 x 1.0 increments  
10.0 to 30.0 x 0.5 increments

Refractive Index = 1.457 @ 35°C (fully hydrated)

Refractive Index = 1.457 @ 35°C (fully hydrated)

Light transmission > 95%

Light transmission > 95%

Equal biconvex aspheric design

Equal biconvex aspheric design

Square optic edge

Square optic edge

Incision size = 2.8 mm

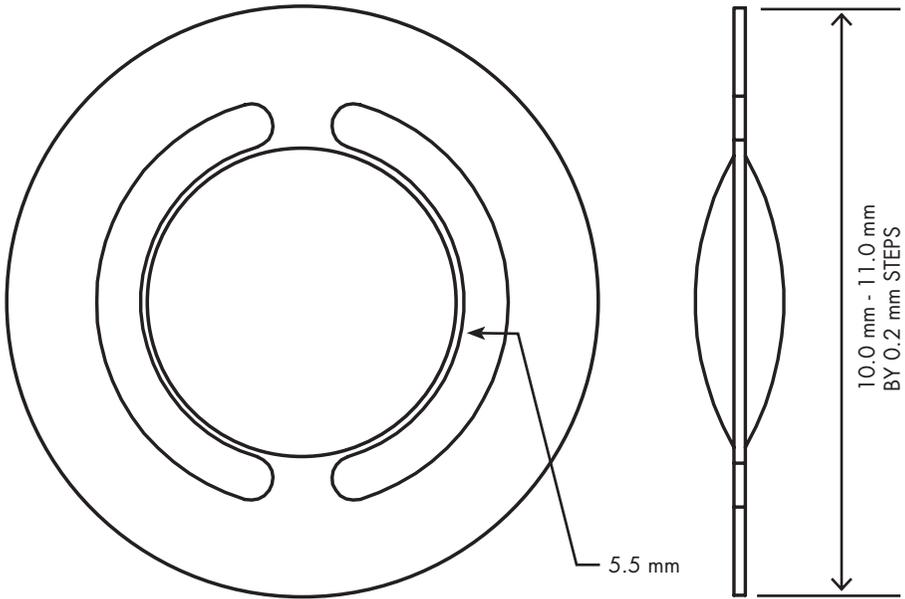
Incision size = 2.8 mm

**[SPECIAL ORDER]**

Please see our website for any additional product specifications

Tek-Clear™ IOL with near vision feature Model **500S**

Clear



U.S. Patent No.: US 7,435,258 B2

Hydrophilic acrylic with UV blocker (26% water content)	10.0 mm to 11.0 mm full bag haptic by 0.2 mm steps
Diopter range = 17.0 to 30.0 x 0.5 increments	
Refractive Index = 1.457 @ 35°C (fully hydrated)	Posterior chamber/capsular bag placement
Light transmission > 95%	Incision size = 2.8 mm to 3.0 mm
Full symmetrical optic design	
Square edge optic and haptic	
5.5 mm optic	

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P/N: 1226 Rev. G  
ECN#: 973