

MORCHER®  
*Manufactory*

# Custom-Made-Devices (CMD)

in accordance with the MDR  
within the European Economic Area.



 MADE IN GERMANY

## INFORMATION ABOUT CUSTOM - MADE - DEVICES

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**MDR Article 2(3) defines a Custom - Made - Device (CMD) as any device that:**

- is **specifically** made in accordance with a **written prescription** of any **person authorised by national** law by virtue of that person's professional qualifications; which gives
- **specific design characteristics** provided **under that person's responsibility**; and
- is **intended for the sole use of a particular patient** exclusively to meet their **individual conditions and needs**.

Additionally, and as any other medical device manufacturer, CMD manufacturers shall establish, document, implement, maintain, keep up to date and continually improve a Quality Management System (QMS), which shall ensure compliance with the MDR in the most effective manner and in a manner that is proportionate to the risk class and the type of device. The QMS must address all elements described in Article 10(9) of the MDR.

To implement an MDR compliant post - market surveillance system, the CMD manufacturer should establish appropriate communication channels with relevant healthcare providers/professionals or patients to receive feedback on the quality, performance and in particular the clinical performance and safety of the devices in the field.

For risk management, post - market surveillance and clinical evaluation life cycle processes as defined by the MDR, CMD manufacturers should apply these obligations to groups of devices with the same intended purpose, materials used, process utilised, same principal design etc. and not to each individual CMD.

In accordance with Article 87(1) of the MDR, CMD manufacturers shall report to the competent authorities any serious incidents and/or field safety corrective actions as soon as they learn of them.

**Custom - Made - Devices are always manufactured without CE - marking!**

## SPECIFICATION SAMPLES

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### **COVER IMPLANTS**

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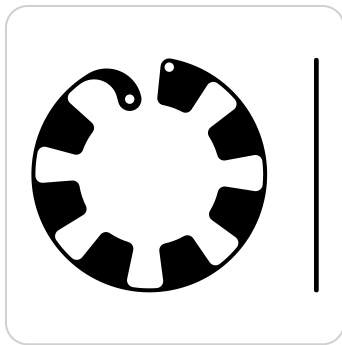
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## Examples of **Aniridia Rings**

Aniridia Rings are much like a CTR with black segmented wing-like flanges that form an artificial iris in cases of partial aniridia. In order to create a complete artificial iris, two rings need to be placed in the capsular bag and have to be rotated to achieve the desired coverage.

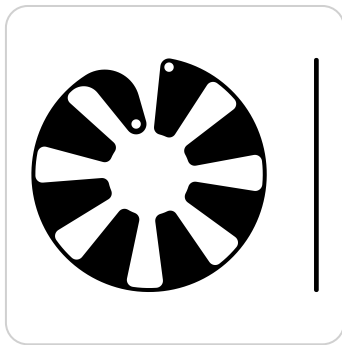


## ANIRIDIA RING


	CMD 5030
Size (open)	10.6 mm
Size (compressed)	10.0 mm
Inner Diameter	6.0 mm
Position	Capsular Bag
Diaphragm	Covers up to 12 hours (360°)
Incision	> 2.0 mm
Material	BLACK PEMA
Note	In each case, two of these aniridia rings are implanted in the capsular bag and rotated against one another to form a closed diaphragm. Please implant rings before IOL. <div style="text-align: center;">  </div>

### Advantages

- small incision
- additional stabilization of the capsular bag
- well centred in the capsular bag

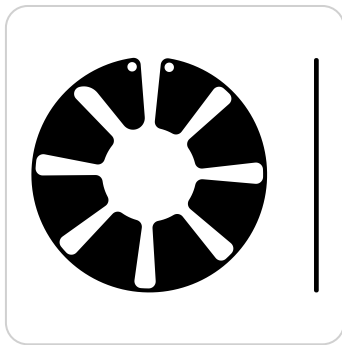


## ANIRIDIA RING

	CMD 5050
Size (open)	10.6 mm
Size (compressed)	10.0 mm
Inner Diameter	3.5 mm
Position	Capsular Bag
Diaphragm	Covers up to 12 hours (360°)
Incision	> 3.25 mm
Material	BLACK PEMA
Note	In each case, two of these aniridia rings are implanted in the capsular bag and rotated against one another to form a closed diaphragm. Please implant rings before IOL. 

### Advantages

- small incision
- additional stabilization of the capsular bag
- well centred in the capsular bag

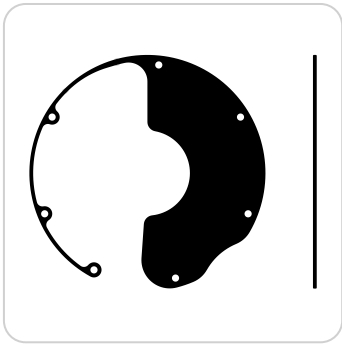


## ANIRIDIA RING

	CMD 5060
Size (open)	10.2 mm
Size (compressed)	10.0 mm
Inner Diameter	4.0 mm
Position	Capsular Bag
Diaphragm	Covers up to 12 hours (360°)
Incision	> 3.0 mm
Material	BLACK PEMA
Note	In each case, two of these aniridia rings are implanted in the capsular bag and rotated against one another to form a closed diaphragm. Please implant rings before IOL. 

### Advantages

- small incision
- additional stabilization of the capsular bag
- well centred in the capsular bag



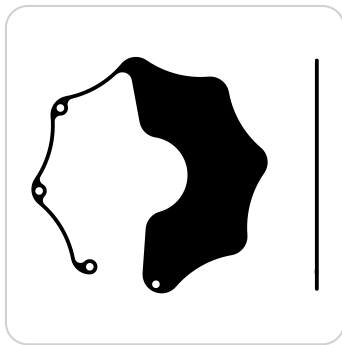
## ANIRIDIA SULCUS RING

	CMD 5080
Size (compressed)	12.5 mm
Inner Diameter	4.5 mm
Position	Sulcus
Diaphragm	One Sulcus Ring: Covers up to 6 hours (180°) Two Sulcus Rings: Covers up to 12 hours (360°)
Incision	> 4.0 mm
Material	BLACK PEMA

Advantages

- small incision



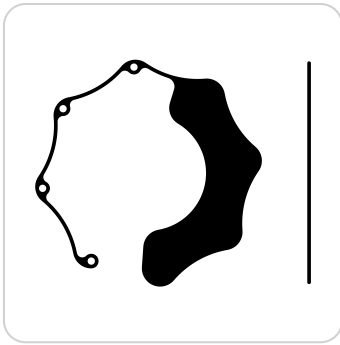


## ANIRIDIA SULCUS RING

	CMD 9630
Size (open)	13.0 mm
Size (compressed)	12.5 mm
Inner Diameter	4.0 mm
Position	Sulcus
Diaphragm	One Sulcus Ring: Covers up to 6 hours (180°) Two Sulcus Rings: Covers up to 12 hours (360°)
Incision	> 4.5 mm
Material	BLACK PEMA

Advantages

- small incision



## ANIRIDIA SULCUS RING

	CMD 9690
Size (compressed)	12.5 mm
Inner Diameter	6.3 mm
Position	Sulcus
Diaphragm	One Sulcus Ring: Covers up to 6 hours (180°) Two Sulcus Rings: Covers up to 12 hours (360°)
Incision	> 3.1 mm
Material	BLACK PEMA

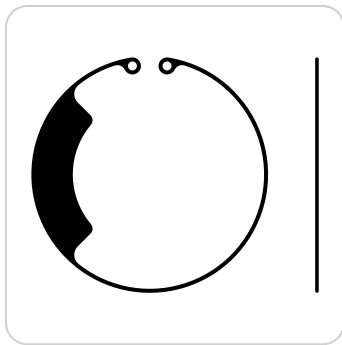
Advantages

- small incision




## Examples of **Partial Aniridia Rings**

Aniridia Rings are much like a CTR with black segmented wing-like flanges that form an artificial iris in cases of partial aniridia.

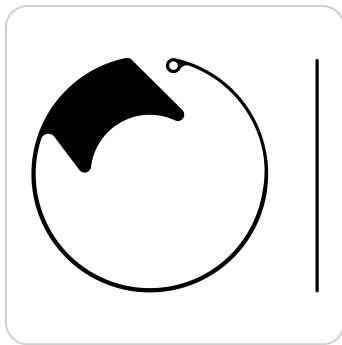


## PARTIAL ANIRIDIA RING

	CMD 9470
Size (open)	11.46 mm
Size (compressed)	10.0 mm
Inner Diameter	6.5 mm
Position	Capsular Bag
Diaphragm	Covers up to 3 hours (90°)
Incision	> 1.75 mm
Material	BLACK PEMA
Note	<p>Capsular tension ring with a diaphragm to cover a coloboma in the eye not larger than three hours.            If the coloboma is three to six hours, two rings can be implanted.</p> 

### Advantages

- small incision
- additional stabilization of the capsular bag
- well centred in the capsular bag

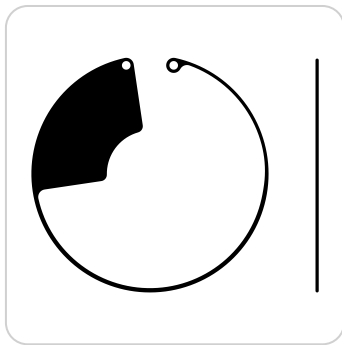


## PARTIAL ANIRIDIA RING


	CMD 9650
Size (open)	13.0 mm
Size (compressed)	11.0 mm
Inner Diameter	5.5 mm
Position	Capsular Bag
Diaphragm	Covers up to 3 hours (90°)
Incision	> 3.0 mm
Material	BLACK PEMA
Note	<p>Capsular tension ring with a diaphragm to cover a coloboma in the eye not larger than three hours. If the coloboma is three to six hours, two rings can be implanted.</p> 

### Advantages

- small incision
- additional stabilization of the capsular bag
- well centred in the capsular bag

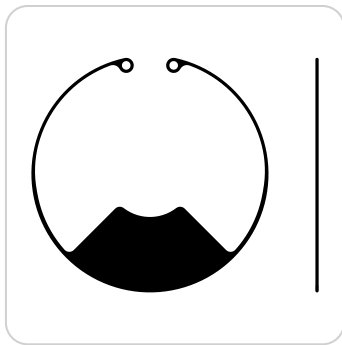


## PARTIAL ANIRIDIA RING


	CMD 9660
Size (open)	12.93 mm
Size (compressed)	11.0 mm
Inner Diameter	4.0 mm
Position	Capsular Bag
Diaphragm	Covers up to 3 hours (90°)
Incision	> 3.5 mm
Material	BLACK PEMA
Note	<p>Capsular tension ring with a diaphragm to cover a coloboma in the eye not larger than three hours.            If the coloboma is three to six hours, two rings can be implanted.</p> 

### Advantages

- small incision
- additional stabilization of the capsular bag
- well centred in the capsular bag



## PARTIAL ANIRIDIA RING

	CMD 9670
Size (open)	11.8 mm
Size (compressed)	11.0 mm
Inner Diameter	4.0 mm
Position	Capsular Bag
Diaphragm	Covers up to 3 hours (90°)
Incision	> 3.5 mm
Material	BLACK PEMA
Note	<p>Capsular tension ring with a diaphragm to cover a coloboma in the eye not larger than three hours. If the coloboma is three to six hours, two rings can be implanted.</p> 

### Advantages

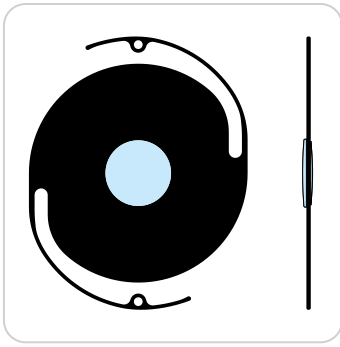
- small incision
- additional stabilization of the capsular bag
- well centred in the capsular bag



## Examples of **Aniridia Implants**

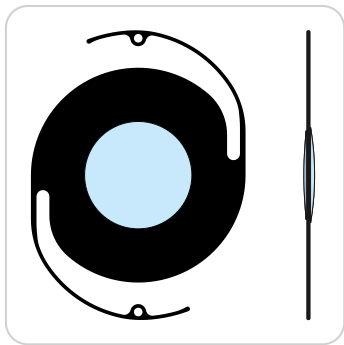
Aniridia Implants offer solutions for the correction of aniridia as well as iris coloboma. They are designed to block out unwanted peripheral light from reaching the retina.





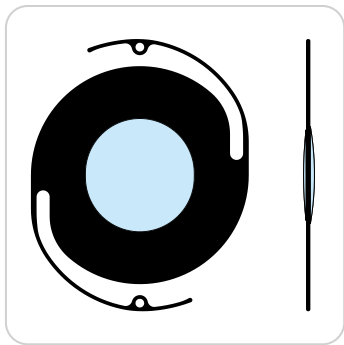
## ANIRIDIA IOL

	<b>CMD 6721</b>
Total Diameter	12.5 mm
Optic Diameter	3.0 mm
Position	Sulcus
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles.
Haptic	0°
Diaphragm	3.0 – 10.0 mm
Theoretical Standard Diopter	22.0 D
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.37 mm   Scleral sutured = 5.90 mm
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 10.0 mm
Features	Option for scleral fixation



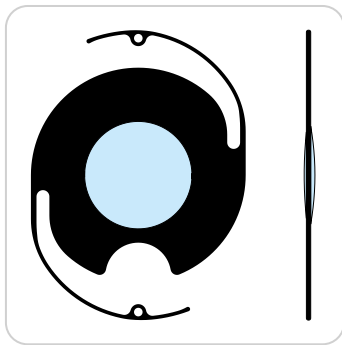
## ANIRIDIA IOL

	<b>CMD 6761</b>
Total Diameter	13.5 mm
Optic Diameter	5.0 mm
Position	Sulcus
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles.
Haptic	0°
Diaphragm	5.0 – 10.0 mm
Theoretical Standard Diopter	22.0 D
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.37 mm   Scleral sutured = 5.90 mm
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 10.0 mm
Note	For myopic eyes.
Feature	Option for scleral fixation



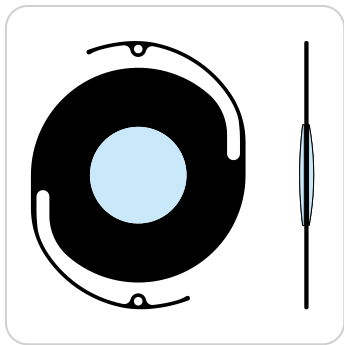
## ANIRIDIA IOL

	<b>CMD 6771</b>
Total Diameter	12.5 mm
Optic Diameter	5.0 mm
Position	Sulcus
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles.
Haptic	0°
Diaphragm	5.0 – 10.0 mm
Theoretical Standard Diopter	22.0 D
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.37 mm   Scleral sutured = 5.90 mm
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 10.0 mm
Features	Option for scleral fixation



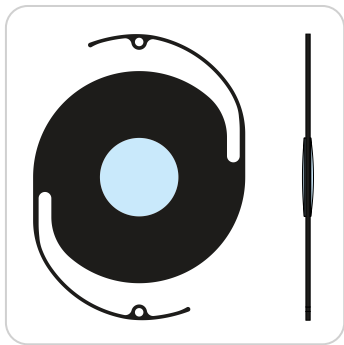
## ANIRIDIA IOL

	<b>CMD 6781</b>
Total Diameter	13.5 mm
Optic Diameter	5.0 mm
Position	Sulcus
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles.
Haptic	0°
Diaphragm	5.0 – 10.0 mm
Theoretical Standard Diopter	22.0 D
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.37 mm   Scleral sutured = 5.90 mm
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 10.0 mm
Features	Option for scleral fixation. Opening in the diaphragm (1.5 – 3.0 mm) for the injection of vitreous body substitutes.



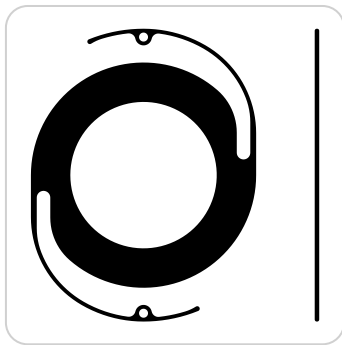
## ANIRIDIA IOL

	<b>CMD 6801</b>
Total Diameter	12.5 mm
Optic Diameter	4.5 mm
Position	Sulcus
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles.
Haptic	0°
Diaphragm	4.5 – 10.0 mm
Theoretical Standard Diopter	22.0 D
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.37 mm   Scleral sutured = 5.90 mm
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 10.0 mm
Features	Option for scleral fixation



## ANIRIDIA IOL

	<b>CMD 6861</b>
Total Diameter	13.5 mm
Optic Diameter	3.5 mm
Position	Sulcus
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles.
Haptic	0°
Diaphragm	4.5 – 10.0 mm
Theoretical Standard Diopter	22.0 D
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.37 mm   Scleral sutured = 5.90 mm
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 10.0 mm
Features	Option for scleral fixation



## ANIRIDIA IMPLANT

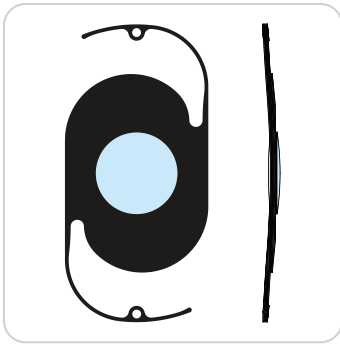
	<b>CMD 9410</b>
Total Diameter	13.0 mm
Optic Diameter	6.5 mm (no optical function)
Position	Sulcus
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles.
Haptic	0°
Diaphragm	6.5 – 10.0 mm
Material	BLACK PEMA
Incision	> 10.0 mm
Feature	Option for scleral fixation.



## Examples of **Partial Aniridia Implants**

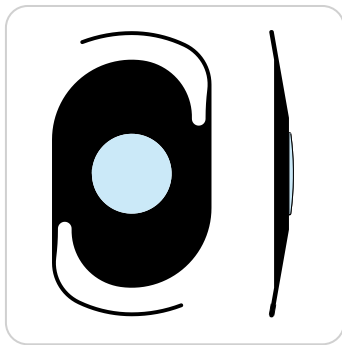
Partial Aniridia Implants offer solutions for the correction of aniridia as well as iris coloboma. They are designed to block out unwanted peripheral light from reaching the retina.





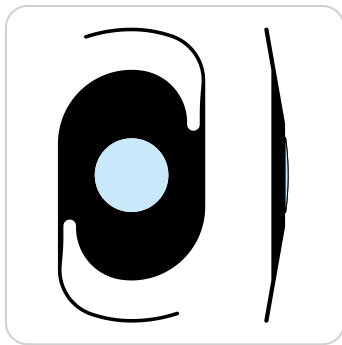
## PARTIAL ANIRIDIA IOL

	CMD 6691
Total Diameter	13.5 mm
Optic Diameter	3.5 mm
Position	Sulcus
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles.
Haptic	5°
Diaphragm	3.5 – 7.0/9.0 mm
Theoretical Standard Diopter	22.0 D
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.37   Scleral sutured = 5.90
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 7.0 mm
Features	Option for scleral fixation



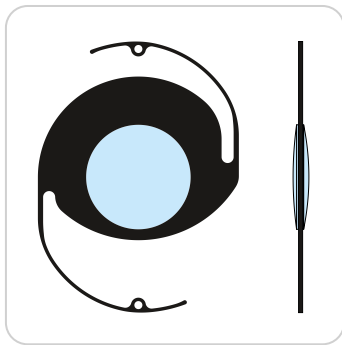
## PARTIAL ANIRIDIA IOL

	<b>CMD 6701</b>
Total Diameter	12.5 mm
Optic Diameter	3.5 mm
Position	Sulcus
Haptic	10°
Diaphragm	3.0 – 7.0/10.0 mm
Theoretical Standard Diopter	22.0 D
Theoretical A-Con. (optical)	118.7
Theoretical ACD (optical)	5.37 mm
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 7.0 mm



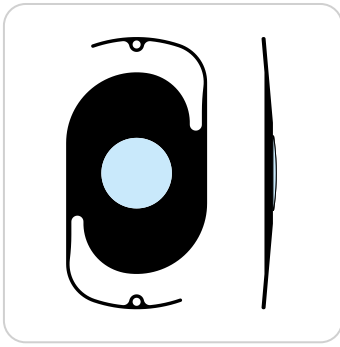
## PARTIAL ANIRIDIA IOL

	CMD 6711
Total Diameter	14.0 mm
Optic Diameter	3.5 mm
Position	Sulcus
Haptic	10°
Diaphragm	3.5 – 7.0/10.0 mm
Theoretical Standard Diopter	22.0 D
Theoretical A-Con. (optical)	118.7
Theoretical ACD (optical)	5.37 mm
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 7.0 mm
Note	For myopic eyes



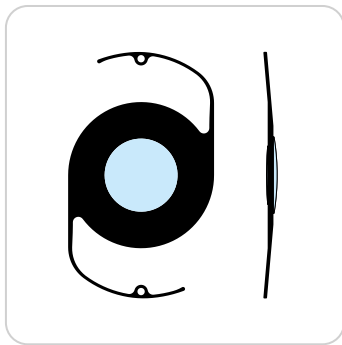
## PARTIAL ANIRIDIA IOL

	<b>CMD 6731</b>
Total Diameter	13.5 mm
Optic Diameter	5.0 mm
Position	Sulcus
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles.
Haptic	0°
Diaphragm	5.0 – 8.0 mm
Theoretical Standard Diopter	22.0 D
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.37   Scleral sutured = 5.90
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 8.0 mm
Features	Option for scleral fixation



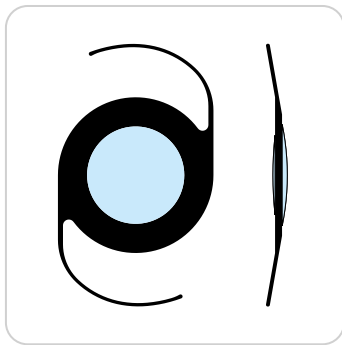
## PARTIAL ANIRIDIA IOL

	<b>CMD 6741</b>
Total Diameter	13.5 mm
Optic Diameter	3.5 mm
Position	Sulcus
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles.
Haptic	5°
Diaphragm	3.5 – 7.0 / 10.0 mm
Theoretical Standard Diopter	23.0 D
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.37   Scleral sutured = 5.90
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 7.0 mm
Features	Option for scleral fixation



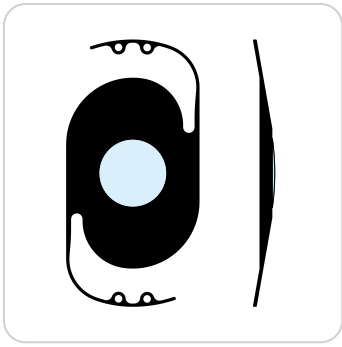
## PARTIAL ANIRIDIA IOL

	CMD 6751
Total Diameter	13.5 mm
Optic Diameter	4.0 mm
Position	Sulcus
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles.
Haptic	5°
Diaphragm	4.0 – 8.0 mm
Theoretical Standard Diopter	23.0 D
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.37   Scleral sutured = 5.90
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 8.0 mm
Note	For patients with a partial iris hem left
Features	Option for scleral fixation



## PARTIAL ANIRIDIA IOL

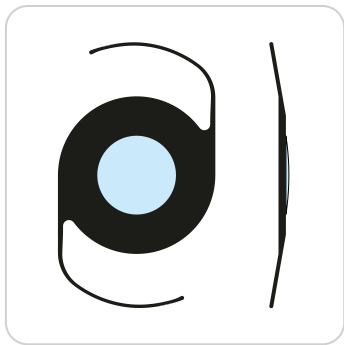
	CMD 6791
Total Diameter	13.5 mm
Optic Diameter	5.0 mm
Position	Sulcus
Haptic	10°
Diaphragm	5.0 – 8.0 mm
Theoretical Standard Diopter	22.0 D
Theoretical A-Con. (optical)	118.7
Theoretical ACD (optical)	5.37 mm
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 8.0 mm
Note	For patients with a partial iris hem left



## PARTIAL ANIRIDIA IOL

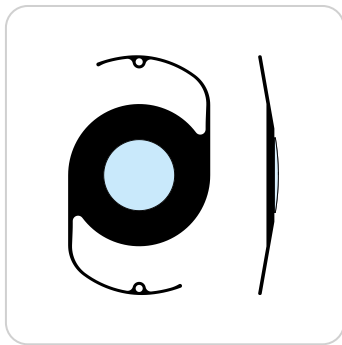
	<b>CMD 6831</b>
Total Diameter	14.0 mm
Optic Diameter	3.5 mm
Position	Sulcus
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles.
Haptic	10°
Diaphragm	3.0 – 7.0 / 10.0 mm
Theoretical Standard Diopter	22.0 D
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.37   Scleral sutured = 5.90
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 7.0 mm
Features	Option for scleral fixation





## PARTIAL ANIRIDIA IOL

	<b>CMD 9401</b>
Total Diameter	13.5 mm
Optic Diameter	4.0 mm
Position	Sulcus
Haptic	10°
Diaphragm	4.0 – 8.0 mm
Theoretical Standard Diopter	22.0 D
Theoretical A-Con. (optical)	118.7
Theoretical ACD (optical)	5.37 mm
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 8.0 mm
Note	For patients with a partial iris hem left



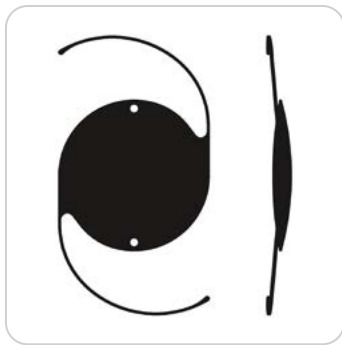
## PARTIAL ANIRIDIA IOL

	<b>CMD 9431</b>
Total Diameter	13.5 mm
Optic Diameter	4.0 mm
Position	Sulcus
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles.
Haptic	10°
Diaphragm	4.0 – 8.0 mm
Theoretical Standard Diopter	22.0 D
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.37   Scleral sutured = 5.90
Material	Optic: CLEAR PMMA   Diaphragm: BLACK PEMA
Filter	UV-Filter
Refractive Index Optic	1.49
Incision	> 8.0 mm
Note	For patients with a partial iris hem left
Features	Option for scleral fixation



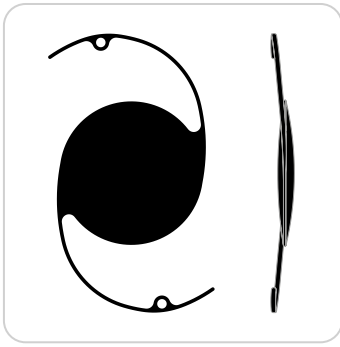
## Examples of **DIPLOPIA IMPLANTS**

Black intraocular lenses are implanted for intractable diplopia, leucocoria, visual confusion and a variety of neuro-ophthalmic indications.



## DIPLOPIA IMPLANT

	<b>CMD 8141</b>
Total Diameter	13.5 mm
Cover Diameter	7.0 mm (no optical function)
Position	Capsular Bag   Sulcus
Haptic	C-Loop   10°
Incision	> 7.0 mm
Material	BLACK PEMA Near-infrared (NIR) transmitting
Features	Two eyelets for handling



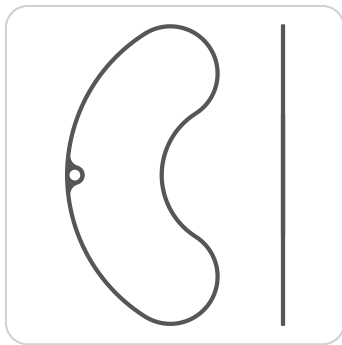
## DIPLOPIA IMPLANT

	<b>CMD 8561</b>
Total Diameter	12.0 mm
Cover Diameter	6.0 mm (no optical function)
Position	Capsular Bag   Sulcus
Haptic	C-Loop   10°
Incision	> 6.0 mm
Material	BLACK PEMA Near-infrared (NIR) transmitting
Features	Option for scleral fixation



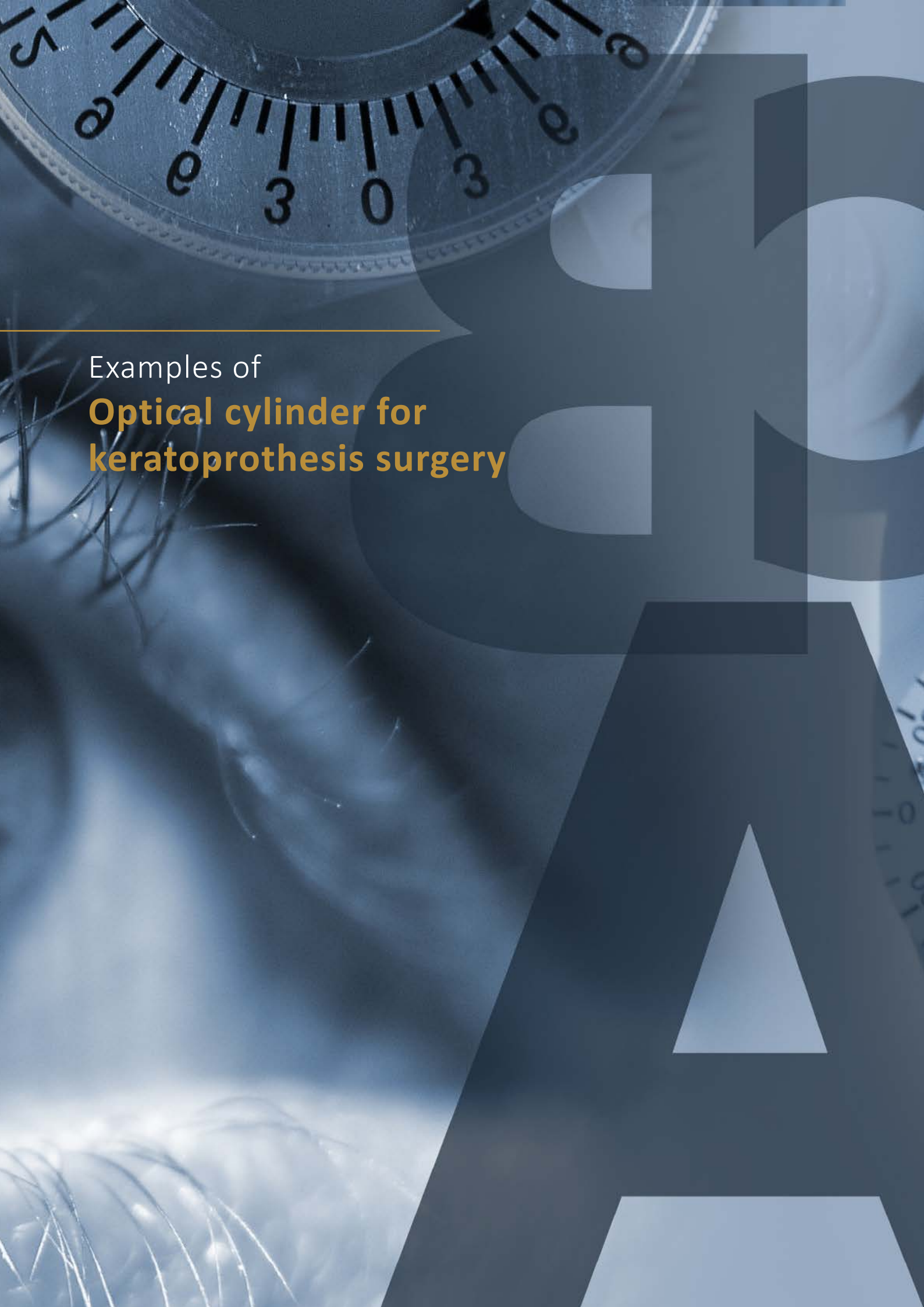
## Examples of **Bean Rings**

In the absence of capsular bag or in case of weak zonular support the Bag-In-the-Lens can be stabilised and centered by means of beans positioned within the lens groove at the optical side and in the ciliary sulcus at the peripheral part. The BIL will thus be clipped between both beans. In case of complete absence of capsular support, the BIL will be fixated at the sclera by means of a prolene 10/0 or 9/0 fixation through the hole present at the outer segment of the bean. To further improve the fixation, lassoing technique can be used or suturing both loop parts of the beans.



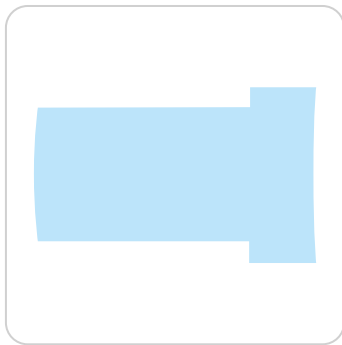
## BEAN RINGS

	CMD 8000	CMD 8010	CMD 8020	CMD 8030	CMD 8060
Total Diameter	11.0 mm	12.0 mm	13.0 mm	14.0 mm	15.0 mm
Angle	60°	57.7°	55.0°	52.5°	53.1°
Inner Diameter	5.0 mm				
Suturable Arms	one				
Material	PMMA				



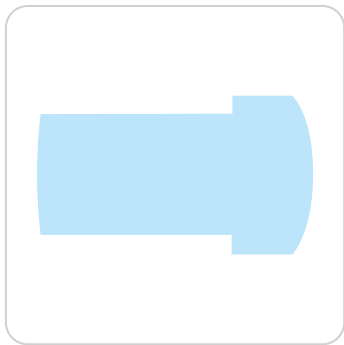
Examples of  
**Optical cylinder for  
keratoprosthesis surgery**





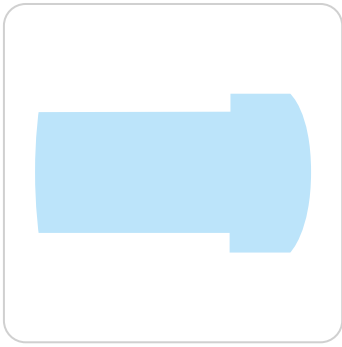
## OPTICAL CYLINDER FOR KERATOPROTHESIS SURGERY

	<b>CMD 9103</b>	<b>CMD 9113</b>	<b>CMD 9123</b>	<b>CMD 9133</b>	<b>CMD 9143</b>	<b>CMD 9173</b>	<b>CMD 9183</b>
Total Diameter	8.0 mm						
Optic Diameter (Anterior)	3.5 mm	3.0 mm	3.85 mm	2.8 mm	4.2 mm	3.0 mm	3.5 mm
Geometry of the optic (Posterior)	cylindrical	cylindrical	cylindrical	conical	cylindrical	conical	conical
Dioptr-Range	43.0 D PHAK (R = 10.470 mm) 50.0 D APHAK (R = 9.090 mm) 55.0 D APHAK (R = 8.334 mm) 60.0 D APHAK (R = 7.738 mm)						
Material	PMMA						
Filter	UV-Filter						
Refractive Index	1.49						



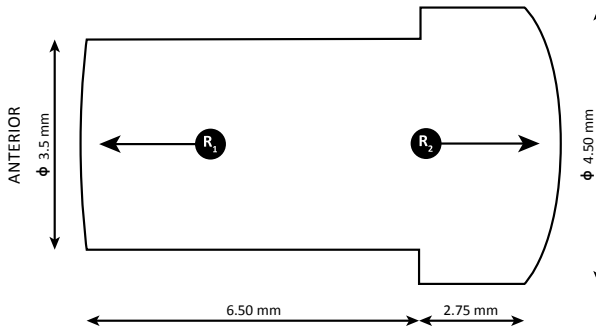
## OPTICAL CYLINDER FOR KERATOPROTHESIS SURGERY

CMD 9161	S-DESIGN 3.5	L-DESIGN 4.0	DESIGN 4.3	DESIGN 4.6
Total Diameter	9.25 mm			
Anterior Optic Diameter	3.50 mm	4.00 mm	4.30 mm	4.60 mm
Posterior Optic Diameter	4.50 mm	5.25 mm	5.25 mm	5.25 mm
Axial Length Eye	20.0 mm ( $R_1 = 10.820$ mm   $R_2 = -10.847$ mm) 21.0 mm ( $R_1 = 11.300$ mm   $R_2 = -11.295$ mm) 22.0 mm ( $R_1 = 11.780$ mm   $R_2 = -11.758$ mm) 22.5 mm ( $R_1 = 12.000$ mm   $R_2 = -12.097$ mm) 23.0 mm ( $R_1 = 12.250$ mm   $R_2 = -12.269$ mm) 23.5 mm ( $R_1 = 12.500$ mm   $R_2 = -12.446$ mm) 24.0 mm ( $R_1 = 12.730$ mm   $R_2 = -12.739$ mm) 24.5 mm ( $R_1 = 12.970$ mm   $R_2 = -12.967$ mm) 25.0 mm ( $R_1 = 13.210$ mm   $R_2 = -13.212$ mm) 26.0 mm ( $R_1 = 13.690$ mm   $R_2 = -13.680$ mm) 27.0 mm ( $R_1 = 14.170$ mm   $R_2 = -14.154$ mm)			
Material	PMMA			
Filter	UV-Filter			
Refractive Index	1.49			

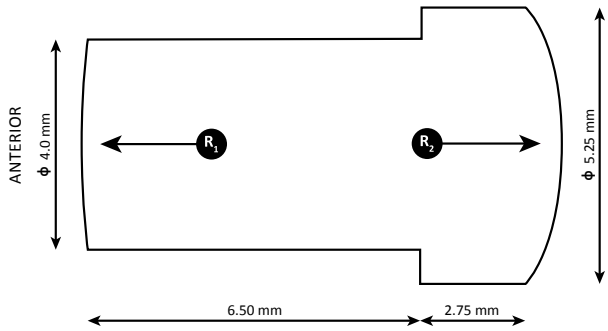


# OPTICAL CYLINDER FOR KERATOPROTHESIS SURGERY

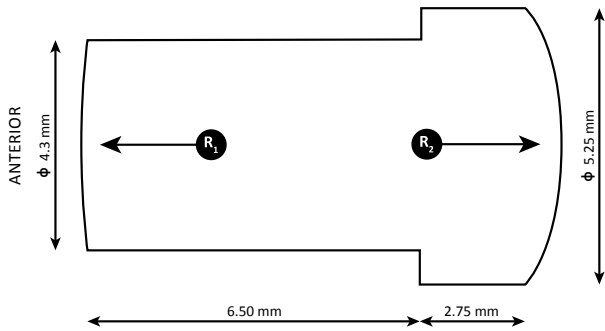
**DESIGN S 3.5**



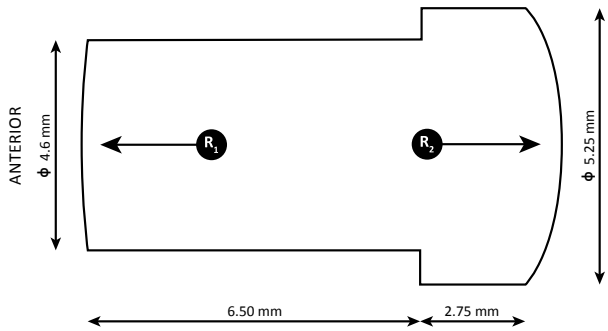
**DESIGN L 4.0**



**DESIGN 4.3**



**DESIGN 4.6**





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