

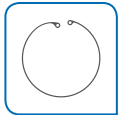


IMPLANTS FOR  
CATARACT & REFRACTIVE SURGERY



 MADE IN GERMANY





## **CAPSULAR RINGS**

- » CAPSULAR TENSION RINGS 04
- » CIONNI RINGS FOR SCLERAL FIXATION 06
- » CAPSULAR SEGMENT FOR SCLERAL FIXATION 06
- » CAPSULAR EDGE RINGS 07



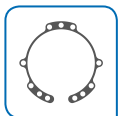
## **INTRAOCULAR LENSES**

- » HYDROPHOBIC IOLS 07
- » HYDROPHILIC IOLS 08
- » PMMA IOLS 10
- » IOLS FOR SCLERAL FIXATION 11
- » MICROPHTHALMUS & MYOPIA IOLS 11



## **ANIRIDIA IMPLANTS**

- » ANIRIDIA RINGS 12
- » PARTIAL ANIRIDIA RINGS 12
- » ANIRIDIA IMPLANTS 13
- » PARTIAL ANIRIDIA IMPLANTS 14



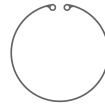
## **SPECIAL IMPLANTS**

- » INTRAOCULAR PINHOLE IMPLANT 15
- » DIPLOPIA IMPLANT 15
- » PUPIL DILATOR 15

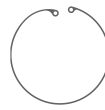
Not all implants are available in all countries.


All listed A-constants are presented as guidelines only.  
We recommend that you develop your own A-constants based on your experience.

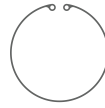
## CAPSULAR TENSION RINGS



SERIES 14	TYPE 14	TYPE 14C	TYPE 14A
Size (open)	12.3 mm	13.0 mm	14.5 mm
Size (compressed)	10.0 mm	11.0 mm	12.0 mm
Zonular Damage	up to 4 hours (120°)		
Injector (recommendation)	GEUDER G-32960, Eye Technology I-9006		
Material	CLEAR PMMA		

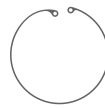


SERIES 13	TYPE 13	TYPE 13A	TYPE 13B
Size (open)	12.3 mm	13.0 mm	14.5 mm
Size (compressed)	10.0 mm	11.0 mm	12.0 mm
Zonular Damage	up to 4 hours (120°)		
Injector (recommendation)	GEUDER G-32960, Eye Technology I-9006		
Material	BLUE PMMA		
Feature	<p>One bent eyelet, which reduces a possible puncturing (bulging) of the capsular bag when being rotated into the bag</p> 		



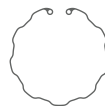
**PRELOADED**

SERIES 14	EYEJET® CTR TYPE 14	EYEJET® CTR TYPE 14C	EYEJET® CTR TYPE 14A
Size (open)	12.3 mm	13.0 mm	14.5 mm
Size (compressed)	10.0 mm	11.0 mm	12.0 mm
Zonular Damage	up to 4 hours (120°)		
Incision	2.2 mm		
Material	CLEAR PMMA		
Direction of Implantation	RIGHT (clockwise) / LEFT (counter clockwise)		



**PRELOADED**

SERIES 13	EYEJET® CTR TYPE 13	EYEJET® CTR TYPE 13A	EYEJET® CTR TYPE 13B
Size (open)	12.3 mm	13.0 mm	14.5 mm
Size (compressed)	10.0 mm	11.0 mm	12.0 mm
Zonular Damage	up to 4 hours (120°)		
Incision	2.2 mm		
Material	BLUE PMMA		
Feature	One bent eyelet, which reduces a possible puncturing (bulging) of the capsular bag when being rotated into the bag		



**PRELOADED**

	EYEJET® CTR TYPE 19D	EYEJET® CTR TYPE 10C
Size (open)	11.6 mm	12.1 mm
Size (compressed)	10.0/9.5/9.0/8.5 mm	11.0 mm
Zonular Damage	up to 4 hours (120°)	
Incision	2.2 mm	
Direction of Implantation	RIGHT (clockwise)	
Material	CLEAR PMMA	
Features	Locking mechanism Reduces PCO	Eight indentations of 0.15 mm simplifies removal of the cortex tissue
Note	Available only preloaded	

## CIONNI RINGS FOR SCLERAL FIXATION



	TYPE 1G	TYPE 1L	TYPE 2C	PRELOADED EYEJET® CTR TYPE 10L
Size (open)	12.2 mm	13.0 mm	13.0 mm	13.0 mm
Size (compressed)	10.0 mm	11.0 mm	11.0 mm	11.0 mm
Zonular Damage	> 4 hours (120°)			
ACCC* <sup>1</sup>	6.0 mm	7.0 mm	7.0 mm	7.0 mm
Suturable Arms	one			
Incision	-	-	-	2.2 mm
Direction of Implantation	-	-	-	RIGHT (clockwise)
Injector (recommendation)	Cannot be implanted with an injector!	Cannot be implanted with an injector!	GEUDER G-32960	-
Material	CLEAR PMMA			
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles			
Note	-	-	-	Available only preloaded



	TYPE 2L	TYPE 2S
Size (open)	13.0 mm	13.0 mm
Size (compressed)	11.0 mm	11.0 mm
Zonular Damage	> 6 hours (180°)	
ACCC* <sup>1</sup>	7.0 mm	5.0 mm
Suturable Arms	two	
Material	CLEAR PMMA	
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles	
Note	Cannot be implanted with an injector!	

## CAPSULAR SEGMENT FOR SCLERAL FIXATION



	TYPE 6D
Total Diameter	9.5 mm
Angle	120°
Zonular Damage	> 4 hours (120°)
ACCC* <sup>1</sup>	5.0 mm
Suturable Arms	one
Material	CLEAR PMMA
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles


## CAPSULAR EDGE RINGS



	TYPE 1B	TYPE 1C	TYPE 1D
Size (open)	11.5 mm	10.5 mm	9.3 mm
Size (compressed)	10.0 mm	9.0 mm	8.0 mm
Bulbus Length	> 21.0 mm	< 21.0 mm	Short eyes
Injector (recommendation)	GEUDER G-32965		
Material	CLEAR PMMA		
Feature	Reduces PCO		
Note	Choose your IOL 0.5 D lower if using the ring!		

## HYDROPHOBIC IOLS



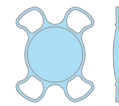
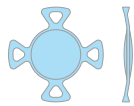
	TYPE 63A	PRELOADED TYPE 63A
Total Diameter	13.0 mm (over 23.5 D = 12.5 mm)	
Optic Diameter	6.0 mm	
Position	Capsular Bag	
Haptic	J-Loop   0°	
Standard Diopter Range	16.5 – 23.0 D (0.5 inc.)	16.5 – 28.0 D (0.5 inc.)
On Request Diopter Range*2	10.0 – 16.0 D (0.5 inc.) 23.5 – 35.0 D (0.5 inc.)	-
Theoretical Standard Diopter	22.0 D	
Theoretical A-Con. (optical)	119.7	
Theoretical ACD (optical)	5.96 mm	
Haigis	a0 = 1.30 a1 = 0.40 a2 = 0.10	
SRK/T   SRK II	118.8   119.2	
Material	Hydrophobic Acrylic	
Water Content	< 0.5%	
Filter	UV-Filter	
Refractive Index	1.51	
Incision	-	> 2.8 mm
Features	<p>Bend at the optic-haptic junction will direct the IOL into the posterior direction in the case of capsular contraction</p>  <p>Rounded profiles at the haptic ends reduce the adhesion between haptics and optic</p>	

\*1 Anterior Continuous Curvilinear Capsulorhexis | \*2 Other diopter on request

## HYDROPHILIC IOLS



BIGFOOT SERIES	TYPE 92S	TYPE 92G	TYPE 92B
Total Diameter	15.0 mm	15.0 mm	15.0 mm
Optic Diameter	6.0 mm	6.5 mm	7.0 mm
Position	Capsular Bag / Sulcus		
Haptic	C-Loop   10°	C-Loop   10°	C-Loop   10°
Standard Diopter Range	10.0 – 30.0 D (0.5 inc.)	10.0 – 30.0 D (0.5 inc.)	10.0 – 30.0 D (0.5 inc.)
On Request Diopter Range* <sup>2</sup>	8.5 – 9.5 D (0.5 inc.) 30.5 – 40.0 D (0.5 inc.)	8.5 – 9.5 D (0.5 inc.)	8.5 – 9.5 D (0.5 inc.)
Theoretical Standard Diopter	23.0 D	22.0 D	21.0 D
Theoretical A-Con. (optical)	119.7   Scleral sutured = 120.6	119.7   Scleral sutured = 120.6	119.7   Scleral sutured = 120.6
Theoretical ACD (optical)	5.96   Scleral sutured = 6.48	5.96   Scleral sutured = 6.48	5.96   Scleral sutured = 6.48
Haigis	a0 = 1.40 a1 = 0.40 a2 = 0.10	-	-
SRK/T   SRK II	119.1   119.6	-	-
Material	Hydrophilic Acrylic		
Water Content	28.0 %		
Filter	UV-Filter		
Refractive Index	1.46		
MICS (recommendation)	Medicel VISCOJECT™-BIO 1.8 up to 30.0 D	-	-
Note	-	-	Cannot be implanted with an injector due to its optic size!



	TYPE 92C	TYPE 97B		
Total Diameter	10.5 mm	11.0 mm	10.75 mm	10.5 mm
Optic Diameter	6.0 mm	6.5 mm convexo-concave	6.25 mm / 5.75 mm biconvex	6.0 mm / 5.5 mm biconvex
Position	Capsular Bag	Capsular Bag		
Haptic	4-Loop   10°	4-Loop   0°		
Standard Diopter Range	15.0 – 30.0 D (0.5 inc.)	-5.0 – 4.5 D (0.5 inc.)	5.0 – 14.5 D (0.5 inc.)	15.0 – 35.0 D (0.5 inc.)
On Request Diopter Range* <sup>2</sup>	8.5 – 14.5 D (0.5 inc.) 30.5 – 35.0 D (0.5 inc.)	-		
Theoretical Standard Diopter	22.0 D	22.0 D		
Theoretical A-Con. (optical)	119.1	118.8		
Theoretical ACD (optical)	5.61 mm	5.43 mm		
Optimized A-Con. SRKT (optical)* <sup>4</sup>	-	118.8	118.8	118.4
Material	Hydrophilic Acrylic	Hydrophilic Acrylic		
Water Content	28.0 %	28.0 %		
Filter	UV-Filter	UV-Filter		
Refractive Index	1.46	1.46		
MICS (recommendation)	Medicel VISCOJECT™-BIO 1.8 up to 30.0 D	Medicel ACCUJECT™ 1.8-1P for 1-piece lenses, inc. size sub 2.2 mm up to 30.0 D		
Feature	-	Type 97B is a mini-incision IOL manufactured with larger optic and overall diameters for highly myopic and myopic range of power.		

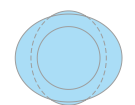


## HYDROPHILIC IOLS

NO PCO IN VISUAL FIELD!



TORIC



BAG-IN-THE-LENS SERIES	TYPE 89A	TYPE 89A TORIC	TYPE 89D	TYPE 89F
Indication	Adults Pediatrics	Adults Pediatrics Regular Astigmatism	For short eyes (< 18.0 mm) and/or small white to white < 10.0 mm	Combined cataract and vitrectomy procedures or in eyes with large pupils
Total Diameter	7.5 mm	7.5 mm	6.5 mm	8.5/7.5 mm
Optic Diameter	5.0 mm	5.0 mm	4.5 mm	5.0 mm
Standard Diopter Range	10.0 – 30.0 D (0.5 inc.)	10.0 – 30.0 D (0.5 inc.)	10.0 – 30.0 D (0.5 inc.)	10.0 – 30.0 D (0.5 inc.)
On Request Diopter Range* <sup>2</sup>	8.5 – 9.5 D (0.5 inc.) 30.5 – 35.0 D (0.5 inc.)	8.5 – 9.5 D (0.5 inc.)	8.5 – 9.5 D (0.5 inc.) 30.5 – 35.0 D (0.5 inc.)	8.5 – 9.5 D (0.5 inc.)
Theoretical Standard Diopter	23.0 D	23.0 D	23.0 D	23.0 D
Cylindrical Power	-	0.5 – 8.0 D (0.5 inc.)	-	-
Theoretical A-Con. (optical)	118.2	118.2	118.2	118.2
Theoretical ACD (optical)	5.08 mm	5.08 mm	5.08 mm	5.08 mm
Material	Hydrophilic Acrylic			
Water Content	28.0 %			
Filter	UV-Filter			
Refractive Index	1.46			
Injector (recommendation)	Up to +23.0 D: MediceL ACCUJECT™ 2.2-BL (LP604535)   Wound assisted injection: 1.9 – 2.2 mm, Wound injection: 2.2 mm For all D: MediceL ACCUJECT™ 2.6-BL (LP604505)   Wound assisted injection: 2.2 mm, Wound injection: 2.6 mm			
Recommended Caliper Ring* <sup>3</sup> for ACCC* <sup>1</sup>	TYPE 5 TYPE 4L (PED)	TYPE 5 TYPE 4L (PED)	TYPE 4L	TYPE 5
Feature	No PCO in the visual field!			
Note	Surgeons must partake in prerequisite course before implantation!			
Security Advice	Due to the possibility of iris capture it is recommended to keep the iris in miosis for three days after surgery!			

PERFECT MATCH FOR FEMTO LASER



MASKET™ ND IOL	TYPE 90S
Total Diameter	15.0 mm
Optic Diameter	6.0 mm
Body Diameter	6.4 mm
ACCC* <sup>1</sup>	5.0 mm
Position	Haptic: Capsular Bag/Groove: ACCC* <sup>1</sup>
Haptic	C-Loop   0°
Standard Diopter Range	10.0 – 30.0 D (0.5 inc.)
On Request Diopter Range* <sup>2</sup>	8.5 – 9.5 D (0.5 inc.) 30.5 – 40.0 D (0.5 inc.)
Theoretical Standard Diopter	23.0 D
Theoretical A-Con. (optical)	118.05
Theoretical ACD (optical)	4.97 mm
Material	Hydrophilic Acrylic
Water Content	28.0 %
Filter	UV-Filter
Refractive Index	1.46
Recommended Caliper Ring* <sup>3</sup> for ACCC* <sup>1</sup>	Type 5
Feature	Prevent negative dysphotopsia
Security Advice	Due to the possibility of iris capture it is recommended to keep the iris in miosis for three days after surgery!

\*<sup>1</sup> Anterior Continuous Curvilinear Capsulorhexis | \*<sup>2</sup> Other diopter on request | \*<sup>3</sup> Gauge for Capsulorhexis | \*<sup>4</sup> By B. Golenvaux, MD | ™ Registered Trademark

## PMMA IOLS

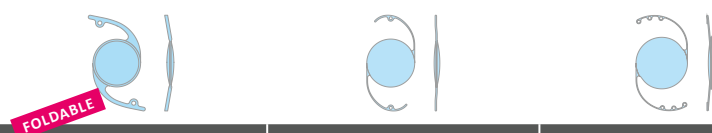


	5.0 MM OPTIC		5.5 MM OPTIC		6.0 MM OPTIC	
	TYPE 27C		TYPE 7D		TYPE 65C	
Total Diameter	13.0 mm		12.0 mm		13.0 mm	
Optic Diameter	5.0 mm		5.5 mm		6.0 mm	
Position	Capsular Bag					
Haptic	C-Loop   6°		C-Loop   5°		C-Loop   5°	
Standard Diopter Range	10.0 – 30.0 D (0.5 inc.)		10.0 – 30.0 D (0.5 inc.)		10.0 – 30.0 D (0.5 inc.)	
On Request Diopter Range* <sup>2</sup>	5.0 – 9.5 D (0.5 inc.) 30.5 – 51.0 D (0.5 inc.)		5.0 – 9.5 D (0.5 inc.) 30.5 – 73.0 D (0.5 inc.)		5.0 – 9.5 D (0.5 inc.) 30.5 – 40.0 D (0.5 inc.)	
Theoretical Standard Diopter	22.0 D		22.0 D		22.0 D	
Theoretical A-Con. (optical)	118.7		119.3		118.7	
Theoretical ACD (optical)	5.37 mm		5.72 mm		5.37 mm	
Material	PMMA					
Filter	UV-Filter					
Refractive Index	1.49					
Incision	> 5.0 mm		> 5.5 mm		> 6.0 mm	



	6.5 MM OPTIC		7.0 MM OPTIC	
	TYPE 62D		TYPE 65D	
Total Diameter	12.0 mm		13.0 mm	
Optic Diameter	6.5 mm		6.5 mm	
Position	Capsular Bag			
Haptic	C-Loop   10°		C-Loop   5°	
Standard Diopter Range	10.0 – 27.5 D (0.5 inc.)		10.0 – 30.0 D (0.5 inc.)	
On Request Diopter Range* <sup>2</sup>	0.0 – 9.5 D (0.5 inc.)		5.0 – 9.5 D (0.5 inc.) 30.5 – 35.0 D (0.5 inc.)	
Theoretical Standard Diopter	24.0 D		22.0 D	
Theoretical A-Con. (optical)	120.6		118.7	
Theoretical ACD (optical)	6.48 mm		5.37 mm	
Material	PMMA			
Filter	UV-Filter			
Refractive Index	1.49			
Incision	> 6.5 mm		> 7.0 mm	

## IOLS FOR SCLERAL FIXATION



	TYPE 90L	TYPE 66	TYPE 81B
Total Diameter	15.0 mm	13.0 mm	13.5 mm
Optic Diameter	6.5 mm	6.5 mm	7.0 mm
Position	Sulcus		
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles		
Haptic	C-Loop   10°	C-Loop   5°	C-Loop   10°
Standard Diopter Range	10.0 – 30.0 D (0.5 inc.)	10.0 – 30.0 D (0.5 inc.)	10.0 – 30.0 D (0.5 inc.)
On Request Diopter Range*2	8.5 – 9.5 D (0.5 inc.)	-10.0 – 9.5 D (0.5 inc.) 30.5 – 35.0 D (0.5 inc.)	5.0 – 9.5 D (0.5 inc.) 30.5 – 35.0 D (0.5 inc.)
Theoretical Standard Diopter	22.0 D Sclera = 23.0 D	22.0 D Sclera = 23.0 D	22.0 D Sclera = 23.0 D
Theoretical A-Con. (optical)	119.7   Scleral sutured = 120.6	118.7   Scleral sutured = 119.6	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.96   Scleral sutured = 6.48	5.37   Scleral sutured = 5.90	5.37   Scleral sutured = 5.90
Optimized A-Con. (optical)	Scleral sutured = 118.1	-	-
Optimized ACD (optical)	Scleral sutured = 5.02	-	-
Material	Hydrophilic Acrylic	PMMA	PMMA
Water Content	28.0 %	-	-
Filter	UV-Filter		
Refractive Index	1.46	1.49	1.49
Incision	-	> 6.5 mm	> 7.0 mm






## MICROPHTHALMUS & MYOPIA IOLS






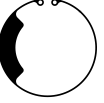

	MICROPHTHALMUS	MYOPIA	
	TYPE 27D	TYPE 71A	TYPE 71B
Total Diameter	12.0 mm	14.2 mm	14.2 mm
Optic Diameter	5.0 mm	6.5 mm	6.5 mm
Position	Capsular Bag		
Haptic	C-Loop   6°	J-Loop   10°	C-Loop   10°
Standard Diopter Range	10.0 – 30.0 D (0.5 inc.)	-10.0 – 10.0 D (0.5 inc.)	-12.0 – 10.0 D (0.5 inc.)
On Request Diopter Range*2	5.0 – 9.5 D (0.5 inc.) 30.5 – 75.0 D (0.5 inc.)	-	-
Theoretical Standard Diopter	22.0 D	none	none
Theoretical A-Con. (optical)	118.7	118.7	118.7
Theoretical ACD (optical)	5.37 mm	5.37 mm	5.37 mm
Material	PMMA		
Filter	UV-Filter		
Refractive Index	1.49		
Incision	> 5.0 mm	> 6.5 mm	> 6.5 mm

\*2 Other diopter on request

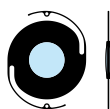
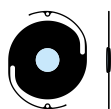
## ANIRIDIA RINGS

				
	<b>TYPE 50C</b>	<b>TYPE 50E</b>	<b>TYPE 50F</b>	<b>SULCUS RING TYPE 96C</b>
Size (open)	10.6 mm	10.6 mm	10.2 mm	13.0 mm
Size (compressed)	10.0 mm	10.0 mm	10.0 mm	12.5 mm
Inner Diameter	6.0 mm	3.5 mm	4.0 mm	4.0 mm
Position	Capsular Bag			Sulcus
Diaphragm	Covers up to 12 hours (360°)	Covers up to 12 hours (360°)	Covers up to 12 hours (360°)	One Sulcus Ring: Covers up to 6 hours (180°) Two Sulcus Rings: Covers up to 12 hours (360°)
Incision	> 2.0 mm	> 3.25 mm	> 3.0 mm	> 4.5 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.			-
				

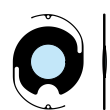
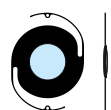
## PARTIAL ANIRIDIA RINGS

				
	<b>TYPE 96F</b>	<b>TYPE 96G</b>	<b>TYPE 96E</b>	<b>TYPE 94G</b>
Size (open)	12.93 mm	11.8 mm	13.0 mm	11.46 mm
Size (compressed)	11.0 mm	11.0 mm	11.0 mm	10.0 mm
Inner Diameter	4.0 mm	4.0 mm	5.5 mm	6.5 mm
Position	Capsular Bag			
Diaphragm	Covers up to 3 hours (90°)			
Incision	> 3.5 mm	> 3.5 mm	> 3.0 mm	> 1.75 mm
Material	BLACK PEMA			
Note	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.			
				

## ANIRIDIA IMPLANTS



	TYPE 67B	TYPE 68	TYPE 67G
Total Diameter	12.5 mm	12.5 mm	12.5 mm
Optic Diameter	3.0 mm	4.5 mm	5.0 mm
Position	Sulcus		
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles		
Haptic	0°	0°	0°
Diaphragm	3.0 – 10.0 mm	4.5 – 10.0 mm	5.0 – 10.0 mm
Standard Diopter Range	10.0 – 30.0 D (0.5 inc.)	10.0 – 30.0 D (0.5 inc.)	10.0 – 30.0 D (0.5 inc.) Also available without optic
On Request Diopter Range*2	8.0 – 9.5 D (0.5 inc.) 30.5 – 45.0 D (0.5 inc.)	8.0 – 9.5 D (0.5 inc.) 30.5 – 45.0 D (0.5 inc.)	8.0 – 9.5 D (0.5 inc.) 30.5 – 50.0 D (0.5 inc.)
Theoretical Standard Diopter	22.0 D	22.0 D	22.0 D
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6	118.7   Scleral sutured = 119.6	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.37   Scleral sutured = 5.90	5.37   Scleral sutured = 5.90	5.37   Scleral sutured = 5.90
Material	CLEAR PMMA / BLACK PEMA		
Filter	UV-Filter		
Refractive Index Optic	1.49		
Incision	> 10.0 mm	> 10.0 mm	> 10.0 mm
Features	Option for scleral fixation	Option for scleral fixation	Option for scleral fixation



	TYPE 67F	TYPE 67L	TYPE 94A
Total Diameter	13.5 mm	13.5 mm	13.0 mm
Optic Diameter	5.0 mm	5.0 mm	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°	0°	0°
Diaphragm	5.0 – 10.0 mm	5.0 – 10.0 mm	6.5 – 10.0 mm
Standard Diopter Range	10.0 – 30.0 D (0.5 inc.) Also available without optic	10.0 – 30.0 D (0.5 inc.)	Only available without optic
On Request Diopter Range*2	8.0 – 9.5 D (0.5 inc.) 30.5 – 50.0 D (0.5 inc.)	5.0 – 9.5 D (0.5 inc.) 30.5 – 45.0 D (0.5 inc.)	-
Theoretical Standard Diopter	22.0 D	22.0 D	-
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6	118.7   Scleral sutured = 119.6	-
Theoretical ACD (optical)	5.37   Scleral sutured = 5.90	5.37   Scleral sutured = 5.90	-
Material	CLEAR PMMA / BLACK PEMA	CLEAR PMMA / BLACK PEMA	BLACK PEMA
Filter	UV-Filter	UV-Filter	-
Refractive Index Optic	1.49	1.49	-
Incision	> 10.0 mm	> 10.0 mm	> 10.0 mm
Note	For myopic eyes	-	-
Features	Option for scleral fixation	Option for scleral fixation. Opening in the diaphragm (1.5 – 3.0 mm) for the injection of vitreous body substitutes.	Option for scleral fixation

\*2 Other diopter on request

## PARTIAL ANIRIDIA IMPLANTS



	TYPE 67	TYPE 67A	TYPE 94	TYPE 67S
Total Diameter	12.5 mm	14.0 mm	13.5 mm	13.5 mm
Optic Diameter	3.5 mm	3.5 mm	4.0 mm	5.0 mm
Position	Sulcus			
Haptic	10°			
Diaphragm	3.0 – 7.0/10.0 mm	3.5 – 7.0/10.0 mm	4.0 – 8.0 mm	5.0 – 8.0 mm
Standard Diopter Range	10.0 – 30.0 D (0.5 inc.) Also available without optic	10.0 – 30.0 D (0.5 inc.) Also available without optic	10.0 – 30.0 D (0.5 inc.) Also available without optic	10.0 – 30.0 D (0.5 inc.) Also available without optic
On Request Diopter Range* <sup>2</sup>	8.0 – 9.5 D (0.5 inc.) 30.5 – 45.0 D (0.5 inc.)	8.0 – 9.5 D (0.5 inc.) 30.5 – 45.0 D (0.5 inc.)	8.0 – 9.5 D (0.5 inc.) 30.5 – 40.0 D (0.5 inc.)	8.0 – 9.5 D (0.5 inc.) 30.5 – 45.0 D (0.5 inc.)
Theoretical Standard Diopter	22.0 D	22.0 D	22.0 D	22.0 D
Theoretical A-Con. (optical)	118.7	118.7	118.7	118.7
Theoretical ACD (optical)	5.37 mm	5.37 mm	5.37 mm	5.37
Material	CLEAR PMMA / BLACK PEMA			
Filter	UV-Filter			
Refractive Index Optic	1.49			
Incision	> 7.0 mm	> 7.0 mm	> 8.0 mm	> 8.0 mm
Note	-	For myopic eyes	For patients with a partial iris hem left	For patients with a partial iris hem left



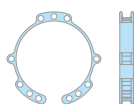
	TYPE 67D	TYPE 68C	TYPE 94C	TYPE 67E
Total Diameter	13.5 mm	14.0 mm	13.5 mm	13.5 mm
Optic Diameter	3.5 mm	3.5 mm	4.0 mm	4.0 mm
Position	Sulcus			
Fixation	We recommend the use of 9-0 double armed prolene sutures with spatula needles			
Haptic	5°	10°	10°	5°
Diaphragm	3.5 – 7.0/10.0 mm	3.0 – 7.0/10.0 mm	4.0 – 8.0 mm	4.0 – 8.0 mm
Standard Diopter Range	10.0 – 30.0 D (0.5 inc.)	10.0 – 30.0 D (0.5 inc.)	10.0 – 30.0 D (0.5 inc.)	10.0 – 30.0 D (0.5 inc.)
On Request Diopter Range* <sup>2</sup>	5.0 – 9.5 D (0.5 inc.) 30.5 – 45.0 D (0.5 inc.)	8.0 – 9.5 D (0.5 inc.) 30.5 – 45.0 D (0.5 inc.)	8.0 – 9.5 D (0.5 inc.) 30.5 – 45.0 D (0.5 inc.)	8.0 – 9.5 D (0.5 inc.) 30.5 – 40.0 D (0.5 inc.)
Theoretical Standard Diopter	23.0 D	22.0 D	22.0 D	23.0 D
Theoretical A-Con. (optical)	118.7   Scleral sutured = 119.6	118.7   Scleral sutured = 119.6	118.7   Scleral sutured = 119.6	118.7   Scleral sutured = 119.6
Theoretical ACD (optical)	5.37   Scleral sutured = 5.90	5.37   Scleral sutured = 5.90	5.37   Scleral sutured = 5.90	5.37   Scleral sutured = 5.90
Material	CLEAR PMMA / BLACK PEMA			
Filter	UV-Filter			
Refractive Index Optic	1.49			
Incision	> 7.0 mm	> 7.0 mm	> 8.0 mm	> 8.0 mm
Note	-	-	For patients with a partial iris hem left	For patients with a partial iris hem left
Features	Option for scleral fixation	Option for scleral fixation	Option for scleral fixation	Option for scleral fixation

## INTRAOCULAR PINHOLE IMPLANT



	XTRA FOCUS TYPE 93L
Total Diameter	14.0 mm
Pinhole Diameter	1.3 mm
„Optic“ Diameter	6.0 mm (concave-convex / no optical function)
Position	Sulcus
Haptic	2 Open-Loop   14° (250 micron)
Material	BLACK Hydrophobic Acrylic
Water Content	< 0.5 %
Injector (recommendation)	Alcon Monarch III with D cartridge Medicel VISCOJECT™-BIO 2.2 Injector Set (LP604340C)

## PUPIL DILATOR



	TYPE 5S
Pupil Size	5.0 – 6.0 mm
Injector (recommendation)	Geuder G-32970
Material	PMMA

## DIPLOPIA IMPLANT



	TYPE 85F
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
Feature	Option for scleral fixation



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