













ANIRIDIA RINGS

				
	TYPE 50C	TYPE 50E	TYPE 50F	SULCUS RING TYPE 96C
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

				
	TYPE 96F	TYPE 96G	TYPE 96E	TYPE 94G
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. 			



	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*	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*	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



	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*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 – 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*2	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 Medice VISCOJECT™-BIO 2.2 Injector Set (LP604340C)

PUPIL DILATOR



	TYPE 55
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