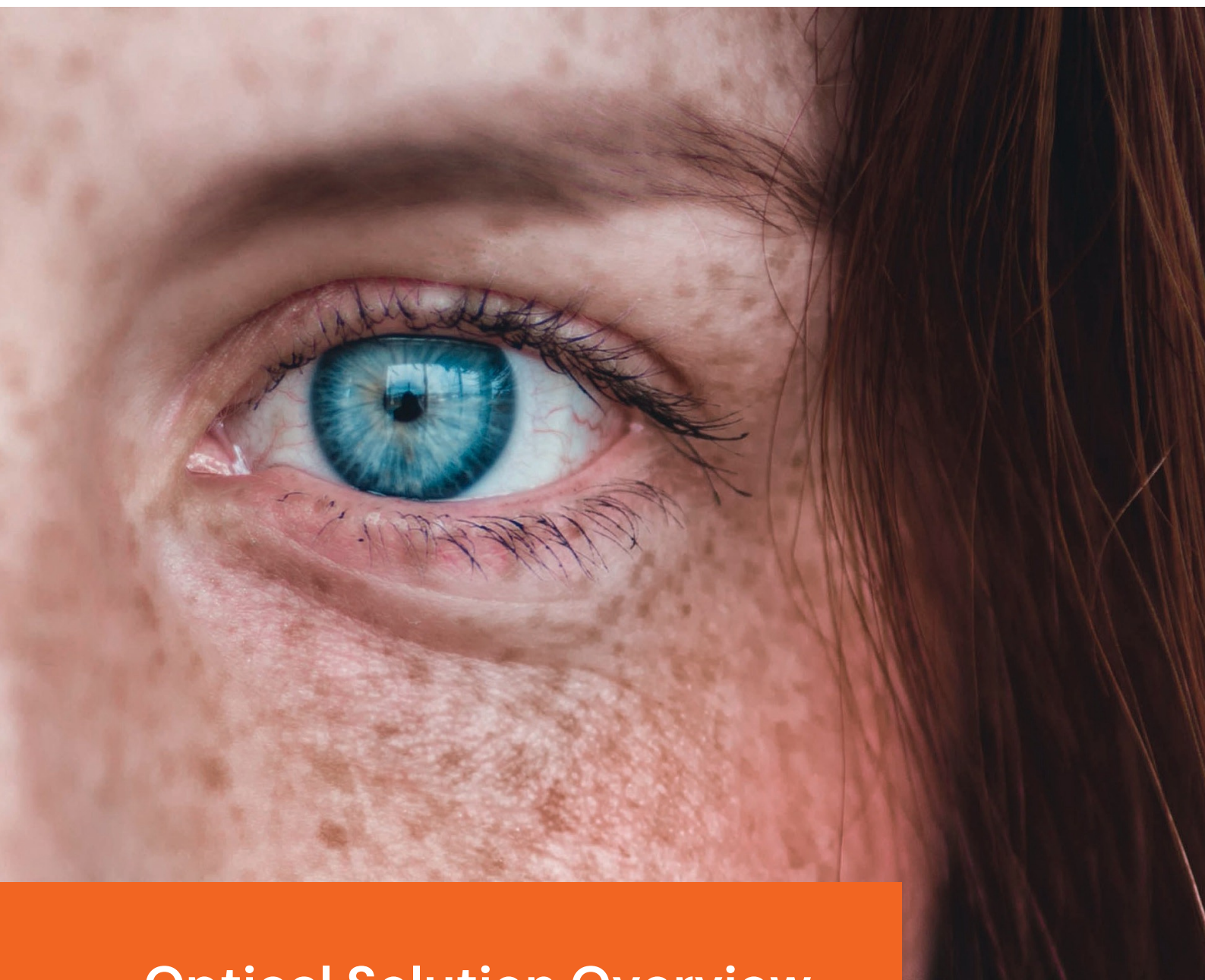




IOL PORTFOLIO



Optical Solution Overview

Our solution – for every eye

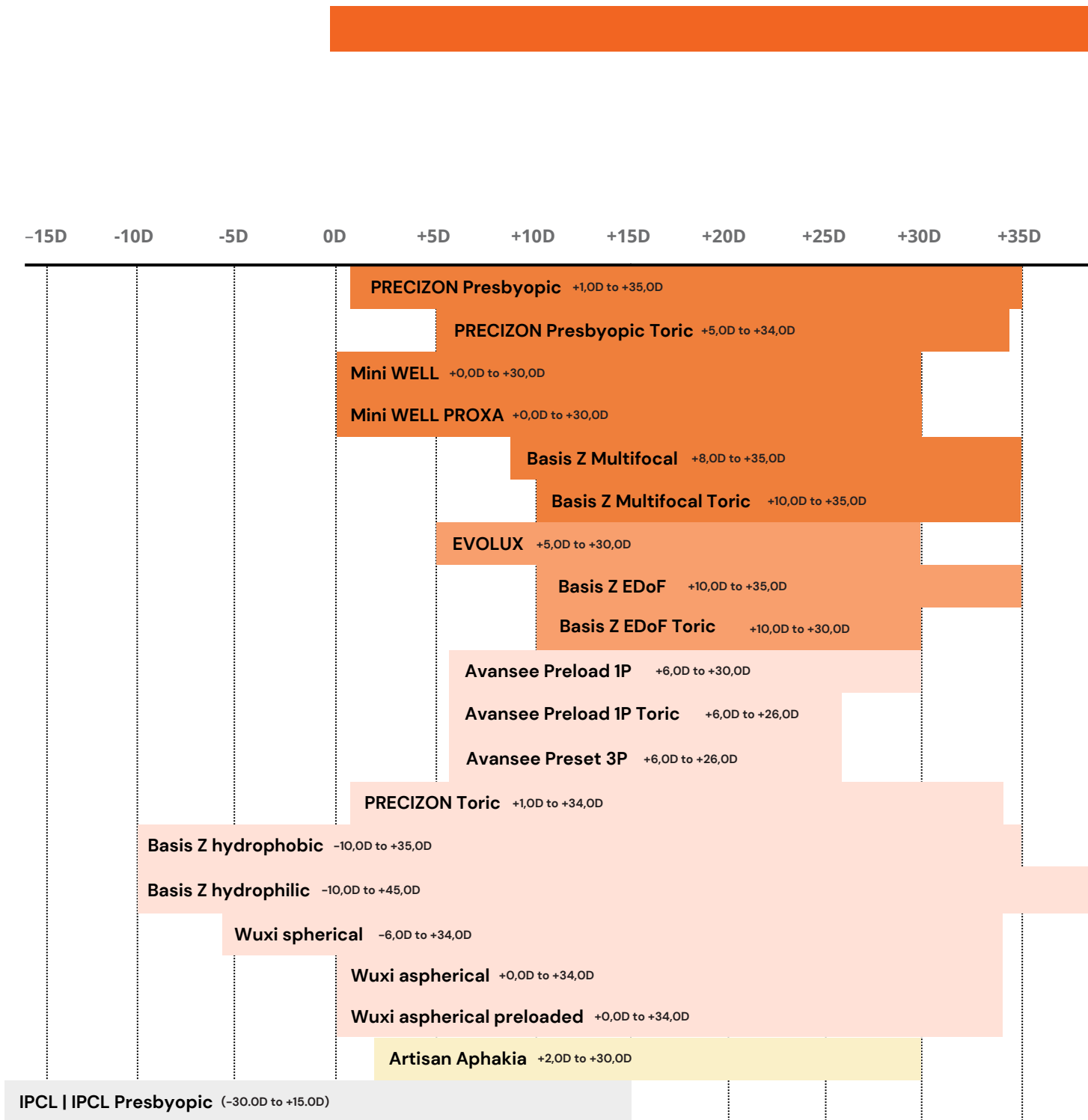
Medilas offers a comprehensive and versatile IOL portfolio to fulfill your patients' needs.

Please contact us for any question.

Product Categories Overview

		Page
Multifocal / Multifocal Toric	PRECIZON Presbyopic / PRECIZON Presbyopic Toric	6
	Mini WELL / Mini WELL PROXA	7
	Basis Z Trifocal / Basis Z Trifocal Toric	8
EDOF Monofocal+ / Monofocal+ Toric	Basis Z EDoF / Basis Z EDoF Toric	9
	EVOLUX EDOF	10
Monofocal / Monofocal Toric	Avansee Preload 1P / Avansee Preload 1P Toric	11
	Avansee Preset 3P	12
	PRECIZON Toric	13
	Basis Z Clear/Yellow Hydrophobic	14
	Basis Z Clear/Yellow Hydrophilic	15
	Wuxi spherical / aspherical	16
	Wuxi aspherical preloaded	17
Aphakic IOL	Artisan Aphakia	18
Phakic IOL	IPCL IPCL Presbyopic	19

Diopter Range Overview



Multifocal | Multifocal toric

PRECIZON Presbyopic

570 NVA



PRECIZON Presbyopic

575 Toric



Technical Name	T-570 A1 / T-570P A1 (preloaded) T-575 / T-575P (preloaded)	
Material	Hybrid hydrophobic hydrophilic monomers	
LCA	--	
Overall diameter	12,5 mm	
Optic diameter	6,0 mm	
Optic / Haptic	- Aspherical, Aberration Negative (-0.11μ SA) - Open modified C-loops with offset shaped haptic	
Filtration	UV	
Refractive Index	1,46	
Abbe number	47	
Angulation	0°	
AC Depth	5,51 mm	
Additional Power	+2,75D Continuous Transitional Focus (CTF) optic	
Injection System	non-preloaded and preloaded (IOLMATIC by IOLUTION)	
Incision size	2,2 mm	
Power	+1,0D to +35,0D (+0,5D steps)	+5,0D to +34,0D (+0,5D steps)
Cylinder power (IOL plane)	--	+1,0D to +6,0D (0,5D steps)
Square Edge	360°	
Nominal manufacturer A constant	118,3	
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience).	Interferometry Ultrasound	
	Hoffer Q: pACD	5,51 --
	Holladay 1: Sf	1,72 --
	SRK/T:A	118,8 --
	Haigis (not optimized): a0;a1;a2	0,126; 0,355; 0,157 --
	Barrett: LF	1,78 --
Manufacturer	Ophtec	

Mini WELL



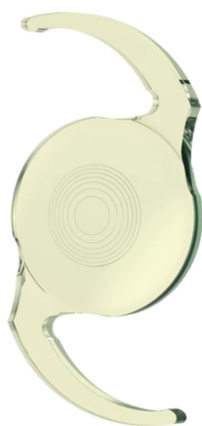
Mini WELL PROXA



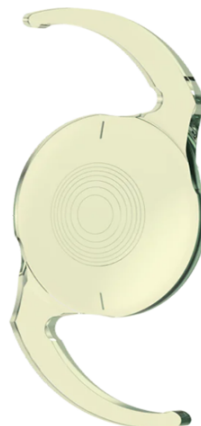
Technical Name	Mini WELL		Mini WELL PROXA
Material	Hydrophilic copolymer with hydrophobic surface (25%)		
LCA	--		
Overall diameter	10,75 mm		
Optic diameter	6,0 mm		
Optic / Haptic	Biconvex progressive – EDOF aspherical 4-loop		
Filtration	UV		
Refractive Index	1,46		
Abbe number	-		
Angulation	5°		
AC Depth	5,32 mm		
Additional Power	+3,0D		+3,25D
Injection System	Preloaded		
Incision size	2,2 mm		
Power	+0,0D to +10,0D (+1,0D steps) +10,5D to +30,0D (+0,5D steps)		
Cylinder power (IOL plane)	--		
Square Edge	360°		
Nominal manufacturer A constant	118,6		
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience).		Interferometry	Interferometry 2
	Hoffer Q: pACD	5,32	5,29
	Holladay 1: Sf	1,56	1,54
	SRK/T:A	118,64	118,59
	Haigis (not optimized): a0;a1;a2	-2,079; 0,311; 0,248	-1,256; 0,080; 0,242
	Barrett: LF	1,59	1,48
Manufacturer	SiFi S.p.A.		

Multifocal | Multifocal toric

Basis Z Trifocal



Basis Z Trifocal Toric

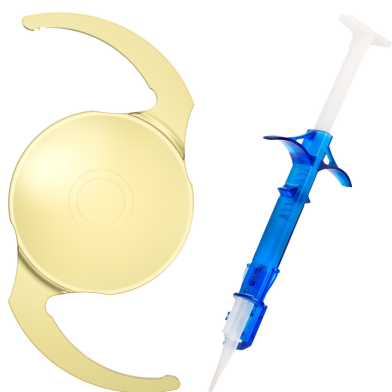


Technical Name	B1EWYN / S1EWYN		B1HWYN / S1HWYN	
Material	biocompatible hydrophilic materials, Acrylic (25%)			
LCA	--			
Overall diameter	13,0 mm			
Optic diameter	6,0 mm			
Optic / Haptic	- Aspherical optics, 360° cell barrier - Z-Haptics			
Filtration	UV, blue light			
Refractive Index	1,46			
Abbe number	58			
Angulation	0°			
Injection System	Non-preloaded; 1stInject 1,8 / 2,0 or 2,4 recommended			
Incision size	1,8 mm – 2,4 mm		2,0 mm – 2,4 mm	
Power	+8,0D to +10,0D (+1,0D steps) +10,5D to +29,5D (+0,5D steps) +30,0D to +35,0D (+1,0D steps)		+10,0D to +35,0D (+0,5D steps)	
Cylinder power (IOL plane)	--		+1,0D to +4,5D (0,5D steps) +5,25D to +6,0D (0,75D steps)	
Additional Power	+3,5D			
Square Edge	360°			
Nominal manufacturer A constant	118,9			
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience).			Interferometry	Ultrasound
	Hoffer Q: pACD		5,46	--
	Holladay 1: Sf		1,67	--
	SRK/T:A		118,9	--
	Haigis (not optimized): a0;a1;a2		1,243; 0,400; 0,1001	--
	Barrett: LF		1,83	--
Manufacturer	1stQ			

EDOF Monofocal | Monofocal Toric

**Basis Z
EDoF**

**Basis Z
EDoF
Toric**



Technical Name	B1XBYO / S1XBYO		B1ZBYO
Material	biocompatible hydrophobic acrylic (<0,5%)		
LCA	--		
Overall diameter	13,0 mm		
Optic diameter	6,0 mm		
Optic / Haptic	- Aspherical optics, 360° cell barrier, Wavefront Linking Technology - Z-Haptics		
Filtration	UV, blue light		
Refractive Index	1,47		
Abbe number	58		
Angulation	0°		
Additional Power	--		
Injection System	Preloaded (POB-MA-Injector)		
Incision size	2,2 mm		
Power	+10,0D to +30,0D (+0,5 steps) +30,0D to +35,0D (+1,0D steps)	+10,0D to +30,0D (+0,5 steps)	
Cylinder power (IOL plane)	--	+1,0D to +1,5D (+0,5D steps) +1,5D to +4,5D (0,75D steps)	
Square Edge	360°		
Nominal manufacturer A constant	118,9		
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience).		Interferometry	Ultrasound
	Hoffer Q: pACD	5,60	--
	Holladay 1: Sf	1,809	--
	SRK/T:A	119,033	--
	Haigis (not optimized): a0;a1;a2	0,8751; 0,2659; 0,1416	--
	Barrett: LF	1,90	--
Manufacturer	1stQ		

EVOLUX



Technical Name	EVOLUX		
Material	UV-blocking hydrophobic acrylic		
LCA	--		
Overall diameter	13,0 mm		
Optic diameter	6,0 mm		
Optic / Haptic	Biconvex-enhanced monofocal aspheric anterior surface C-Loop		
Filtration	UV		
Refractive Index	1,48		
Abbe number	47		
Angulation	0°		
AC Depth	4,97 mm		
Additional Power	--		
Injection System	Preloaded		
Incision size	2,2 mm (into the wound); 2,5 mm (into the bag)		
Power	+5,0D to +10,0D (+1,0D steps) +10,5D to +30,0D (+0,5D steps)		
Cylinder power (IOL plane)	--		
Square Edge	360°		
Nominal manufacturer A constant	118,0		
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience).		Interferometry	Ultrasound
	Hoffer Q: pACD	5,11	--
	Holladay 1: Sf	1,36	--
	SRK/T:A	118,25	--
	Haigis (not optimized): a0;a1;a2	0,918; 0,400; 0,100	--
Manufacturer	Barrett: LF	1,49	--
	SiFi S.p.A.		

Monofocal | Monofocal Toric

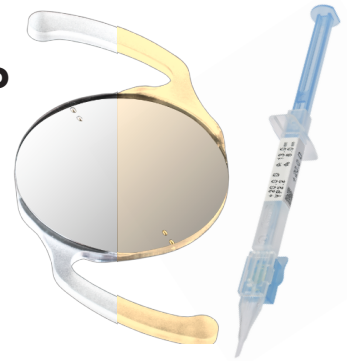
Avansee
preload 1P

CP2.2 R
YP2.2 R



Avansee
preload 1P
TORIC

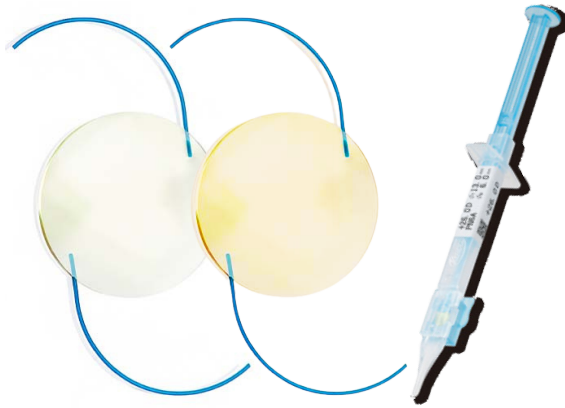
CP-T
YP-T



Technical Name	CP2.2R (clear) / YP2.2R (yellow)	CP-Tx (clear) / YP-Tx (yellow)	
Material	Hydrophobic soft acrylic		
LCA	--		
Overall diameter	13,0 mm		
Optic diameter	6,0 mm		
Optic / Haptic	- Aspheric biconvex (−0.04μm SA) - modified C-loop		
Filtration	UV (blue-light filtration available as well)		
Refractive Index	1,519		
Abbe number	--		
Angulation	0°		
Additional Power	--		
Injection System	Avansee preloaded		
Incision size	≥ 2,0 mm (through sclera cornea) ≥ 2,4 mm (through clear cornea)		
Power	+6,0D to +10,0D (+1,0D steps) +10,5D to +30,0D (+0,5 steps)	+6,0D to +10,0D (+1,0D steps) +10,5D to +26,0D (+0,5D steps)	
Cylinder power (IOL plane)	--	T2 (+0,75D) T5 (+3,0D) T8 (+5,25D) T3 (+1,5D) T6 (+3,75D) T9 (+6,0D) T4 (+2,25D) T7 (+4,5D)	
Square Edge	360°		
Nominal manufacturer A constant	118,6		
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience).		Interferometry	Ultrasound
	Hoffer Q: pACD	5,69	--
	Holladay 1: Sf	1,87	--
	SRK/T:A	119,03	--
	Haigis (not optimized): a0;a1;a2	1,557; 0,400; 0,100	--
	Barrett: LF	1,90	--
Manufacturer	Kowa		

**Avansee
Preset 3P**

**PN6AS
PU6AS**



Technical Name	PU6AS (clear)	PN6AS (yellow)	
Material	Hydrophobic soft acrylic		
Overall diameter	13,0 mm		
Optic diameter	6,0 mm		
Optic / Haptic	- aspherical (−0,04μm SA), biconvex - modified C-Loop		
Filtration	UV	UV, blue light	
Refractive Index	1,519		
Abbe number	43,4		
Angulation	0°		
Additional Power	--		
Injection System	Preloaded		
Incision size	2,4 mm (through sclera cornea) 2,6 mm (through cornea)		
Power	+6,0D to +10,0D (+1,0D steps) +10,5D to +26,0D (+0,5D steps)		
Cylinder power (IOL plane)	--		
Square Edge	360°		
Nominal manufacturer A constant	118,7		
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience).		Interferometry	Ultrasound
	Hoffer Q: pACD	5,64	--
	Holladay 1: Sf	1,85	--
	SRK/T:A	119,0	--
	Haigis (not optimized): a0;a1;a2	1,570; 0,400; 0,100	--
	Barrett: LF	1,88	--
Manufacturer	Kowa		

Monofocal | Monofocal Toric

**Precizon
Toric**

Model 565



Technical Name	T-565 / T565P (preloaded)		
Material	Hydrophilic acrylic (hydrophilic-hydrophobic copolymer)		
LCA	--		
Overall diameter	12,5 mm		
Optic diameter	6,0 mm		
Optic / Haptic	• Transitional conic toric (TCT) technology, biconvex, aspheric • Double-C-Loop		
Filtration	UV		
Refractive Index	1,46		
Abbe number	47		
Angulation	0°		
Additional Power	--		
Injection System	non-preloaded and preloaded (IOLMATIC by IOLUTION)		
Incision size	≥ 2,2 mm		
Power	+1,0D to +34,0D (+0,5D steps)		
Cylinder power (IOL plane)	+1,0D to +10,0 (+0,5D steps)		
Square Edge	360°		
Nominal manufacturer A constant	118,0		
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience).		Interferometry	Ultrasound
	Hoffer Q: pACD	5,27	--
	Holladay 1: Sf	1,53	--
	SRK/T:A	118,60	--
	Haigis (not optimized): a0;a1;a2	0,567; 0,123; 0,159	--
	Barrett: LF	1,67	--
Manufacturer	Ophtec		

Basis Z

Hydrophobic



Technical Name	B1AB00 / S1AB00 (clear) B1ABY0 / S1ABY0 (yellow)		
Material	SEMTE, biocompatible hydrophobic Acryl (<0,5%)		
Overall diameter	13,0 mm		
Optic diameter	6,0 mm		
Optic / Haptic	- Aspherical, 360° cellular barrier, - Z-Haptics		
Filtration	UV / UV, blue light		
Refractive Index	1,47		
Abbe number	58		
Angulation	0°		
Injection System	Preloaded (POB-MA-Injector)		
Incision size	≥ 2.2 mm		
Power	-10,0D to +10,0D (+1,0D steps) +10,5D to +29,5D (+0,5D steps) +30,0D to +35,0D (+1,0D steps)		
Cylinder power (IOL plane)	--		
Square Edge	360°		
Nominal manufacturer A constant	118,9		
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience).		Interferometry 1	Ultrasound
	Hoffer Q: pACD	5,60	--
	Holladay 1: Sf	1,80	--
	SRK/T:A	119,03	--
	Haigis (not optimized): a0;a1;a2	0,8751; 0,2659; 0,1416	--
	Barrett: LF	1,90	--
Manufacturer	1stQ		

Basis Z

Hydrophilic



Technical Name	B1AW00 / S1AW00 (clear)			B1AWY0 / S1AWY0 (yellow)		
Material	Biocompatible hydrophilic acrylic (25%)					
LCA	--					
Overall diameter	13,0 mm					
Optic diameter	6,0 mm					
Optic / Haptic	- Aspherical, 360° cellular barrier, - Z-Haptics					
Filtration	UV / UV, blue light					
Refractive Index	1,46					
Abbe number	58					
Angulation	0°					
Additional Power	--					
Injection System	Non-preloaded; 1stInject 1,8 / 2,0 or 2,4 recommended					
Incision size	1,8 mm – 2,4 mm					
Power	-10,0D to +10,0D (+1,0D steps) +10,0D to +29,5D (+0,5D steps) +30,0D to +45,0D (+1,0D steps)					
Cylinder power (IOL plane)	--					
Square Edge	360°					
Nominal manufacturer A constant	118,9					
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience).			Interferometry		Ultrasound	
	Hoffer Q: pACD		5,529		--	
	Holladay 1: Sf		1,76		--	
	SRK/T:A		118,943		--	
	Haigis (not optimized): a0;a1;a2		0,1657; 0,3113; 0,1631		--	
	Barrett: LF		1,85		--	
Manufacturer	1stQ					

15

Monofocal | Monofocal Toric

Wuxi Spherical MS60A



Wuxi Aspherical RS60A



Technical Name	MS60A	RS60A
Material	Hydrophobic acrylic (<0,5%)	
LCA	--	
Overall diameter	13,0 mm	
Optic diameter	6,0 mm	
Optic / Haptic	- Spherical, biconvex - Z-Haptics	- Aspherical (-0,20µm), biconvex - Z-Haptics
Filtration	UV	
Refractive Index	1,54	
Abbe number	43	
Angulation	0°	
Additional Power	--	
Injection System	non-preloaded, Accuject or Ergoject ≥ 2.2 recommended	
Incision size	2,2-2,4 mm	
Power	-6,0D to +0,0D (+1,0D steps) 0,0D to +34,0D (+0,5D steps)	+0,0D to +34,0D (+0,5D steps)
Cylinder power (IOL plane)	--	
Square Edge	360°	
Nominal manufacturer A constant	118,9	119,4
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience).	Interferometry	Interferometry 2
	Hoffer Q: pACD	5,65
	Holladay 1: Sf	1,87
	SRK/T:A	119,20
	Haigis (not optimized): a0;a1;a2	1,441; 0,40; 0,10
Manufacturer	Barrett: LF	2,22
	Wuxi Vision Pro	

Wuxi Aspherical Preloaded PRS60A



Technical Name	PRS60A		
Material	Hydrophobic acrylic (<0,5%)		
LCA	--		
Overall diameter	13,0 mm		
Optic diameter	6,0 mm		
Optic / Haptic	- Aspherical (-0,20µm), biconvex - Z-Haptics		
Filtration	UV		
Refractive Index	1,54		
Abbe number	43		
Angulation	0°		
AC Depth	--		
Additional Power	--		
Injection System	preloaded (Medicel Accuject-Injector)		
Incision size	2,2-2,4 mm		
Power	+0,0D to +34,0D (0,5D steps)		
Cylinder power (IOL plane)	--		
Square Edge	360°		
Nominal manufacturer A constant	119,4		
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience).		Interferometry	Ultrasound
	Hoffer Q: pACD	6,09	--
	Holladay 1: Sf	2,32	--
	SRK/T:A	119,64	--
	Haigis (not optimized): a0;a1;a2	1,948; 0,400; 0,100	--
	Barrett: LF	2,22	--
Manufacturer	Wuxi Vision Pro		

Artisan
Aphakia

205



Technical Name	Artisan Aphakia 205R / 205T		
Material	PMMA		
LCA	--		
Overall diameter	8,5 mm x 5,4 mm		
Optic diameter	5,0 mm		
Optic / Haptic	+2.0D to +9.0D plano-convex +10.0D to +30.0D biconvex - plate haptics		
Filtration	UV		
Refractive Index	--		
Abbe number	47		
Angulation	10°		
AC Depth	3,3 mm		
Injection System	--		
Incision size	≤5.5 mm		
Power	+2,0D to +14,0D (+1,0D steps) +14,5D to +24,5D (+0,5D steps) +25,0D to +30,0D (+1,0D steps)		
Cylinder power (IOL plane)	--		
Nominal manufacturer A constant	prae. 115.0 retro 116.8		

Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to use their own values based upon their personal experience).	Suggested A constant for implantation in capsular bag	
	Suggested A constant for implantation in capsular bag	
	Suggested A constant for implantation in capsular bag	
	Suggested A constant for implantation in capsular bag	
	Suggested A constant for implantation in capsular bag	
	Suggested A constant for implantation in capsular bag	

Manufacturer Ophtec

Phakic IOL

IPCL

IPCL Presbyopic



Technical Name	IPCL		IPCL Presbyopic	
Material	Hydrophilic hybrid-acrylate			
Overall diameter	11,0 mm to 14,0 mm (in 0,25 mm Steps)			
Optic diameter		Optic	Optical Zone	Effective Optical Zone*
	Standard	6,6 mm	5,8 mm	7,3 mm
	Individual	7,25 mm	6,4 mm	8,0 mm
	*Taking into account the magnification through the cornea			
Optic / Haptic	- Hydrophilic acrylic hybrid - plate haptic			
Filtration	UV			
Refractive Index	1,465			
Abbe number	60			
Angulation	--			
Additional Power	+1,0D to +4,0D (+0,5D steps)			
Injection System	non-preloaded, IPCL-Injector			
Incision size	2,8 mm			
Power	-30,0D to +15,0D (+0,5D steps)			
Cylinder power (IOL plane)	+0,5D to +10,0D (+0,5D steps)			
Nominal manufacturer A constant	--			
Suggested A constant for implantation in capsular bag (Estimates only: surgeons are recommended to us their own values based upon their personal experience).	! Berechnungsfragen für IPCL immer mit dem IPCL-Kalkulations-Formular !			
Manufacturer	Care Group			



Our knowledge – your benefit

Specialized to support you with
the calculation of your patients'
toric or multifocal toric lenses.

Medilas AG

Zürcherstrasse 39E | CH-8952 Schlieren
T +41 44 747 40 00 | F +41 44 747 40 05
info@medilas.ch | www.medilas.ch