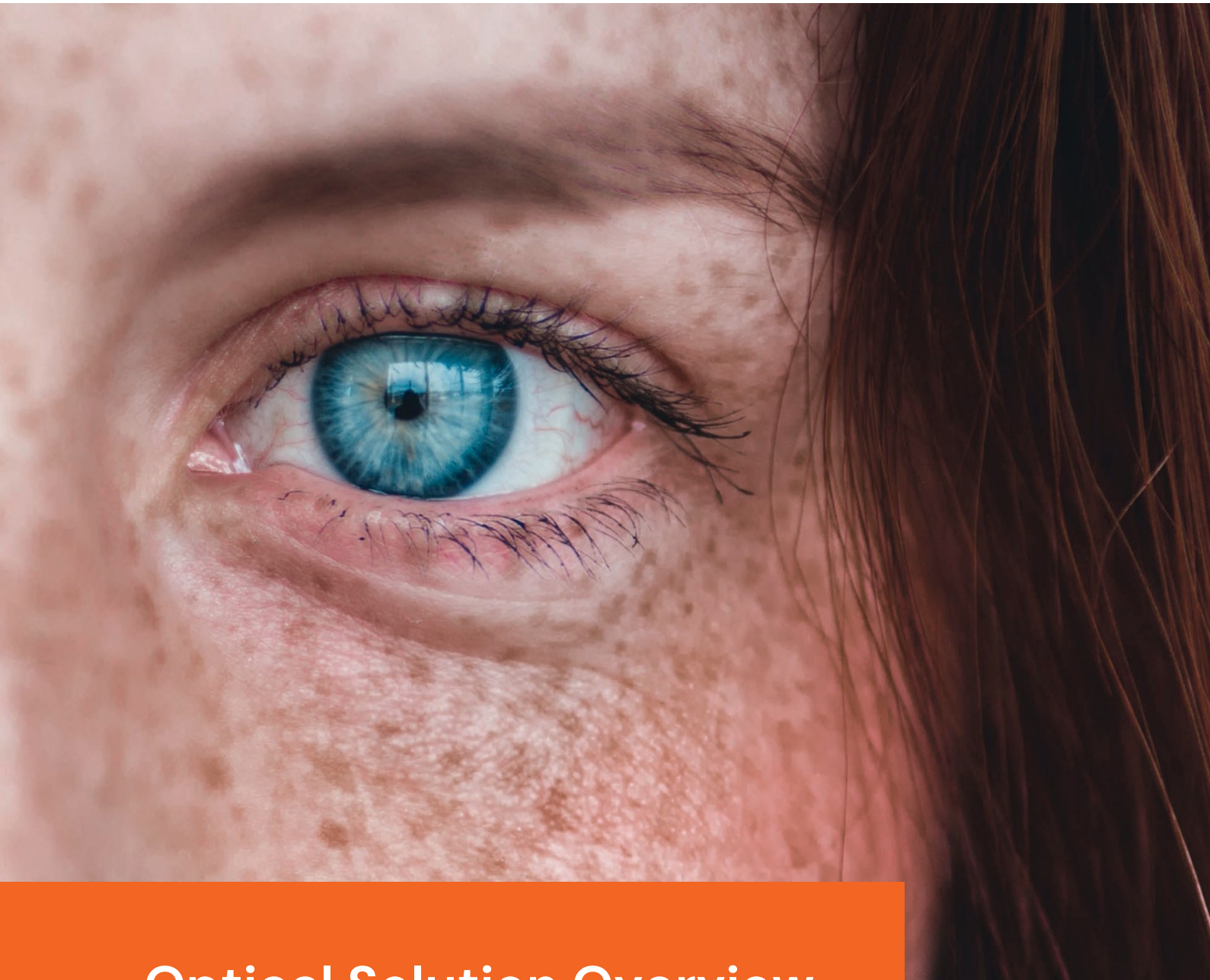




IOL PORTFOLIO



Optical Solution Overview

Our solution – for every eye

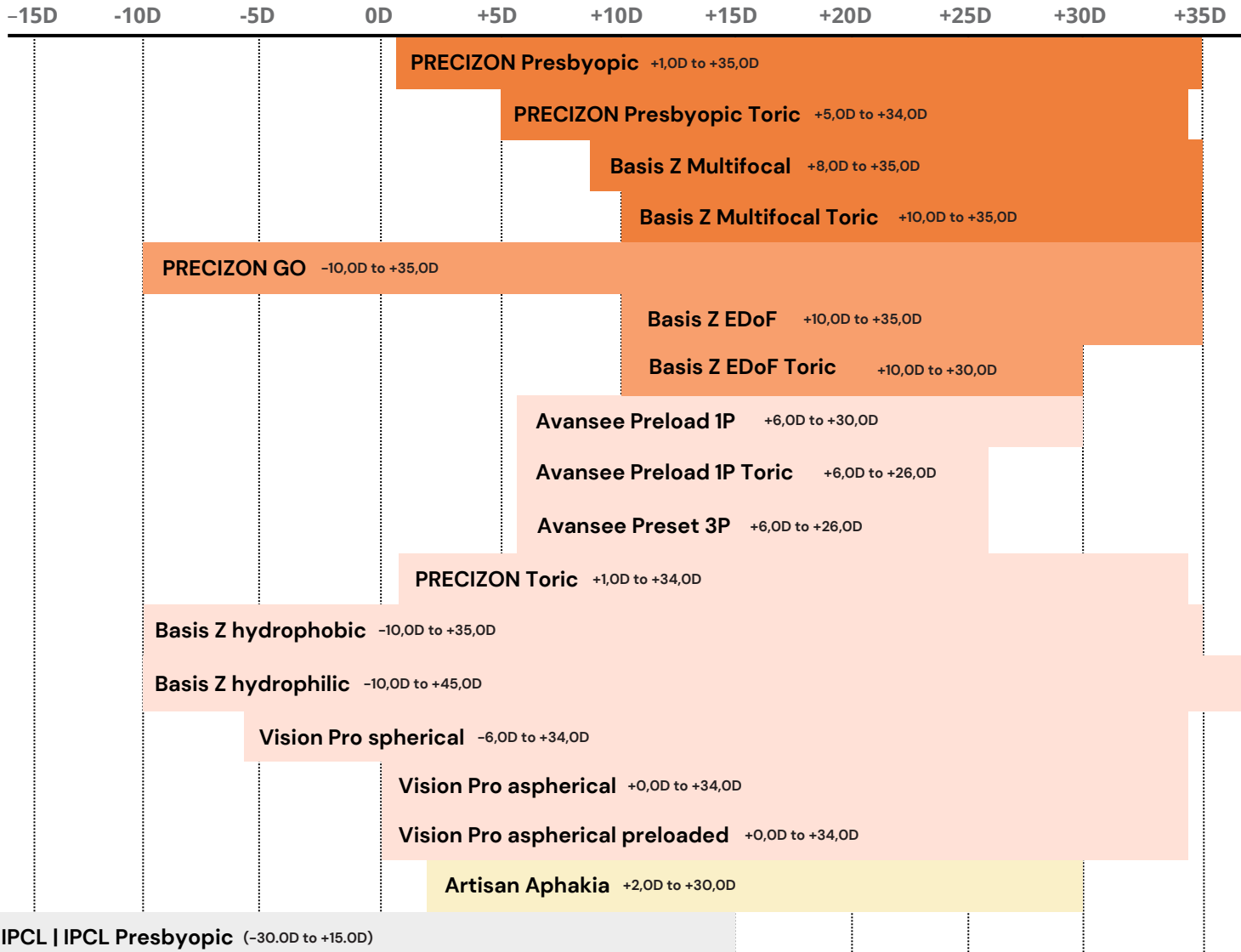
Medilas offers a comprehensive and versatile IOL portfolio to fulfill your patients' needs.

Please contact us for any question.

Product Categories Overview

	Page	
Multifocal / Multifocal Toric	PRECIZON Presbyopic / PRECIZON Presbyopic Toric	7
	Basis Z Trifocal / Basis Z Trifocal Toric	8
EDOF Monofocal+ / Monofocal+ Toric	Basis Z EDoF / Basis Z EDoF Toric	9
	PRECIZON Go	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
	Vision Pro spherical / aspherical	16
	Vision Pro aspherical preloaded	17
Aphakic IOL	Artisan Aphakia	18
Phakic IOL	IPCL IPCL Presbyopic	19

Diopter Range Overview



PRECIZON Presbyopic

570 NVA



PRECIZON Presbyopic

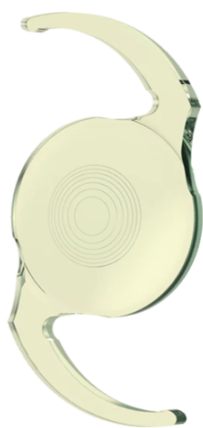
575 Toric



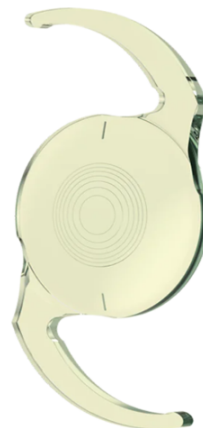
Technical Name	T-570 A1 / T-570P A1 (preloaded)	T-575 / T-575P (preloaded)	
	Hybrid hydrophobic hydrophilic monomers		
	--		
Overall diameter	12,5 mm		
Optic diameter	6,0 mm		
Optic / Haptic	<ul style="list-style-type: none"> Aspherical, Aberration Negative (-0.11μ SA) Open modified C-loops with offset shaped haptic 		
	UV		
Refractive Index	1,46		
Abbe number	47		
	0°		
	5,51 mm		
Additional Power	+2,75D Continuous Transitional Focus (CTF) optic		
Injection System	non-preloaded and preloaded (IOLMATIC by IOLUTION)		
Incision size	$\geq 2,4$ mm		
	+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		

Multifocal | Multifocal toric

Basis Z Trifocal



Basis Z Trifocal Toric



Technical Name	BIEWYN / SIEWYN	B1HWYN / S1HWYN	
Material	biocompatible hydrophilic materials, Acrylic (25%)		
LCA	--		
Overall diameter	13,0 mm		
Optic diameter	6,0 mm		
Optic / Haptic	<ul style="list-style-type: none"> • 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		

**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	<ul style="list-style-type: none"> 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		

EDOF Monofocal | Monofocal Toric

**PRECIZON
GO**

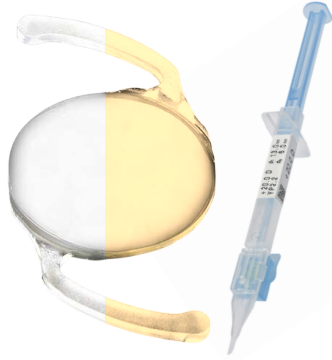
MODEL 580



Technical Name	T-580P		
Material	Hybrid hydrophobic & hydrophilic acrylic monomers with UV filter		
LCA	--		
Overall diameter	12,5 mm		
Optic diameter	6,0 mm		
Optic / Haptic	Modified high-order aspheric design Open modified C-loops with offset shaped haptic		
Filtration	UV		
Refractive Index	1,46		
Abbe number	47		
Angulation	0°		
AC Depth	--		
Additional Power	--		
Injection System	preloaded (IOLMATIC by IOLUTION)		
Incision size	≥ 2,4 mm		
Power	-10,0D to 0,0D (+0,5D steps) +1,0D to +35,0D (+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	5,27	--
	Holladay 1: Sf	1,53	--
	SRK/T:A	118,6	--
	Haigis (not optimized): a0;a1;a2	0,567; 0,123; 0,159	--
	Barrett: LF	1,67	--
Manufacturer	Ophtec		

Avansee
preload 1P

CP2.2 R
YP2.2 R



Avansee
preload 1P
TORIC

CP-T
YP-T

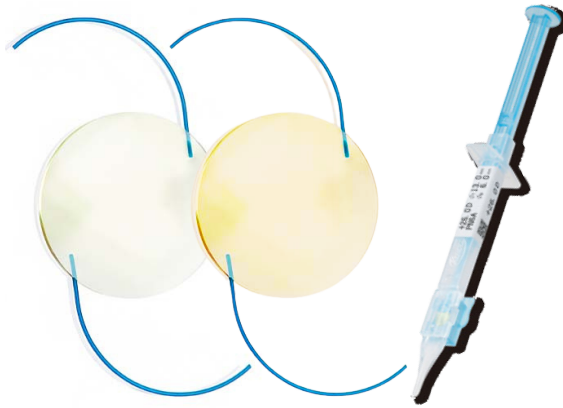


Technical Name	CP2.2R (clear) / YP2.2R (yellow)	CP-Tx (clear) / YP-Tx (yellow)	
Material	Hydrophobic soft acrylic		
LCA	--		
Overall diameter	13,0 mm		
Optic diameter	6,0 mm		
Optic / Haptic	<ul style="list-style-type: none"> Aspheric biconvex (-0.04µm SA) modified C-loop 		
Filtration	UV (blue-light 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).	Hoffer Q: pACD	Interferometry	Ultrasound
	Holladay 1: Sf	5,69	--
	SRK/T:A	1,87	--
	Haigis (not optimized): a0;a1;a2	119,03	--
	Barrett: LF	1,557; 0,400; 0,100	--
Manufacturer	Kowa		

Monofocal | Monofocal Toric

**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	<ul style="list-style-type: none"> aspherical ($-0,04\mu\text{m}$ 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		

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	<ul style="list-style-type: none"> • 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	≥ 2,4 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		

Monofocal | Monofocal Toric

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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> 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		

Monofocal | Monofocal Toric

Vision Pro Spherical

MS60A



Vision Pro Aspherical

RS60A



Technical Name	MS60A	RS60A	
Material	Hydrophobic acrylic (<0,5%)		
LCA	--		
Overall diameter	13,0 mm		
Optic diameter	6,0 mm		
Optic / Haptic	<ul style="list-style-type: none"> Spherical, biconvex Z-Haptics 	<ul style="list-style-type: none"> 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).	Hoffer Q: pACD	Interferometry 5,65	Interferometry 2 6,09
	Holladay 1: Sf	1,87	2,32
	SRK/T:A	119,20	119,64
	Haigis (not optimized): a0;a1;a2	1,441; 0,40; 0,10	1,948; 0,40; 0,10
	Barrett: LF	1,99	2,22
Manufacturer	Wuxi Vision Pro		

Vision Pro Aspherical Preloaded

PRS60A



Technical Name	PRS60A		
Material	Hydrophobic acrylic (<0,5%)		
LCA	--		
Overall diameter	13,0 mm		
Optic diameter	6,0 mm		
Optic / Haptic	<ul style="list-style-type: none"> • Aspherical (-0,20µm), biconvex • Z-Haptics 		
Filtration	UV		
Refractive Index	1,54		
Abbe number	43		
Angulation	0°		
AC Depth	--		
Additional Power	--		
Injection System	preloaded (Medical 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	<ul style="list-style-type: none"> +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).		Praepupillary	Retropupillary
	Hoffer Q: pACD	3,62	4,34
	Holladay 1: Sf	-0,08	0,54
	SRK/T:A	115,70	116,90
	Haigis (not optimized): a0;a1;a2	-0,160; 0,400; 0,100	-0,250; 0,400; 0,100
Barrett: LF	0,15	0,78	
Manufacturer	Ophtec		

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	<ul style="list-style-type: none"> 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 use 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.

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