

LENTIS® | FEMTIS® | ACUNEX®
The ultimate IOL collection

The standard IOL for natural distance vision

A standard intraocular lens reliably treats cataracts, but will not meet the desire for more independence from glasses in near and intermediate areas. It follows that the patient will continue to be dependent on special and cost-intensive spectacles despite cataract surgery. A standard IOL is the right choice for patients who do not feel disturbed by a visual aid.

Spherical intraocular lenses

- The quality of vision is determined by optical reduced imaging errors
- External light rays are refracted more strongly
- Reduced contrast



Aspherical intraocular lenses

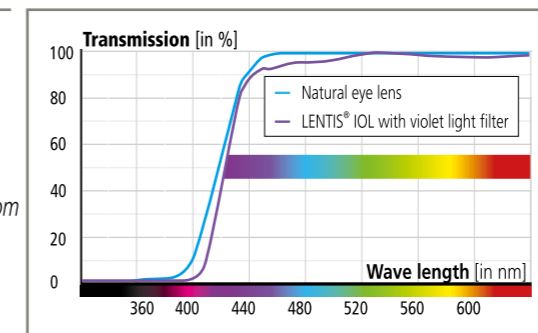
- Correct focus on the macula
- Improved contrast perception
- Improved color perception



LENTIS®

- Hydrophobic surface properties
- Natural UV and violet light filter
(Protection of the retina from UV light 200-400 nm and violet light 400-440 nm)

Violet light filter

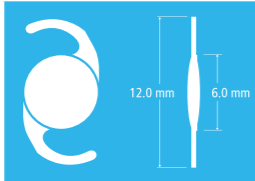
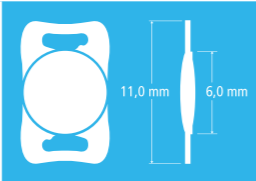
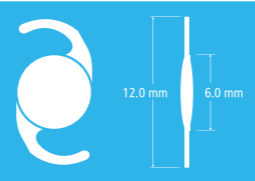
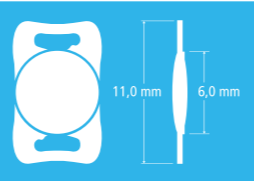
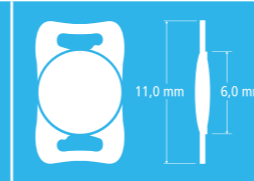
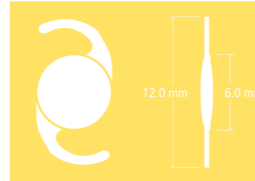
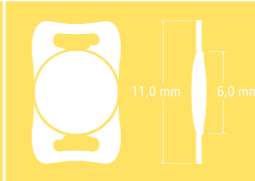
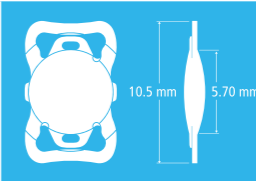
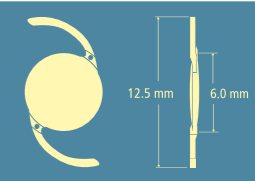


FEMTIS®

- Automated capsulorhexis
- Highest rotational stability
- Hydrophilic

ACUNEX®

- Glistening free material
- Natural violet light and blue light filter
- Hydrophobic

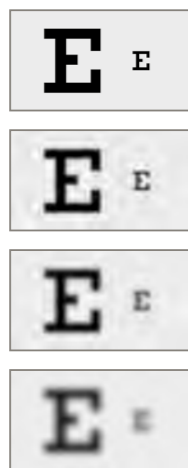
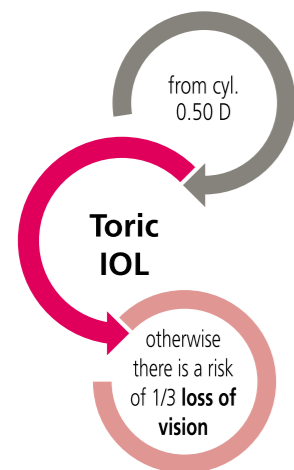
									
Product	LENTIS® L-302-1	LENTIS® L-303	LENTIS® L-312	LENTIS® L-313	LENTIS® L-323	LENTIS® LS-312Y	LENTIS® LS-313Y	FEMTIS® FB-313	ACUNEX® AN6
Optic Design	monofocal	monofocal	monofocal	monofocal	monofocal	monofocal	monofocal	monofocal	monofocal
Surface Design	spheric	spheric	aspheric	aspheric	super-aspheric	aspheric	aspheric	aspheric	aspheric
Addition	-	-	-	-	-	-	-	-	-
Material	HydroSmart®	HydroSmart®	HydroSmart®	HydroSmart®	HydroSmart®	HydroSmart®	HydroSmart®	HydroSmart®	hydrophobic acrylate
Optic Size	6.0 mm	6.0 mm	6.0 mm	6.0 mm	6.0 mm	6.0 mm	6.0 mm	5.7 mm	6.0 mm
Overall Length	12.0 mm	11.0 mm	12.0 mm	11.0 mm	11.0 mm	12.0 mm	11.0 mm	10.5 mm	12.5 mm
Refractive Index	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.54
UV Filter	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Violet Light Filter	-	-	-	-	-	Yes	Yes	-	-
Blue Light Filter	-	-	-	-	-	-	-	-	Yes
Available Diopters	±0.0 D to +35.0 D (1.0 D) +15.5 D to +26.5 D (0.5 D)	±0.0 D to +35.0 D (1.0 D) +10.5 D to +26.5 D (0.5 D)	-10.0 D to +35.0 D (1.0 D) +10.5 D to +29.5 D (0.5 D)	-10.0 D to +35.0 D (1.0 D) +10.5 D to +29.5 D (0.5 D)	SE: ±0.0 D to +35.0 D (1.0 D) SE: +10.5 D to +29.5 D (0.5 D)	±0.0 D to +35.0 D (1.0 D) +15.5 D to +26.5 D (0.5 D)	±0.0 D to +35.0 D (1.0 D) +15.5 D to +26.5 D (0.5 D)	SE: +15.0 D to +30.0 D (0.5 D)	SE: +10.0 D to +30.0 D (0.5 D)

MONOFOCAL TORIC

FOCUS ON DISTANCE WITH CYLINDER CORRECTION

Monofocal toric IOL for individual astigmatism correction

Easy to use and highly effective in terms of visual acuity results



Astigmatism

Deterioration in vision at all distances if the cornea of the eye is not perfectly rounded.



Results

- LENTIS® Tplus correction cylinders 0.75 D - 5.25 D
- LENTIS® TplusX correction cylinders 0.5 D - 10.0 D
- Correction of 99% of all regular corneal astigmatisms

Online configuration:
www.teleon-toric.com

ENHANCED MONOFOCAL

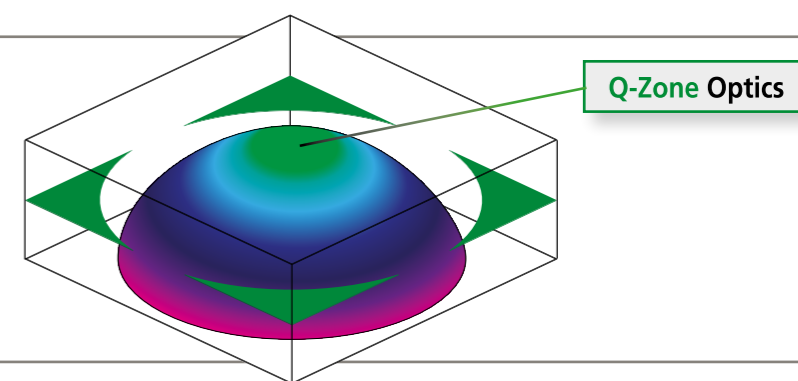
THE BETTER STANDARD IOL

A quantum leap for standard monofocal cataract surgery

Quantum IOLs are a new generation of monofocal intraocular lenses that provide significantly improved vision into the intermediate range up to 80 cm. No unwanted side effects reported. They offer the best contrast vision as with conventional monofocal intraocular lenses.

Q-Zone technology

- New, progressive surface profile
- Stepless, smooth transition without unwanted visual side effects
- Essential for better vision with more depth of field



Product	LENTIS® Tplus LS-313 T0-T6	LENTIS® TplusX LU-313 T	LENTIS® TplusX LU-313 TY	LENTIS® L-333	ACUNEX® AN6Q	ACUNEX® AN6Q
Optic Design	monofocal	monofocal	monofocal	enhanced monofocal	enhanced monofocal	enhanced monofocal
Surface Design	aspheric	aspheric	aspheric	aspheric	aspheric	aspheric
Addition	-	-	-	enhanced	enhanced	enhanced
Material	HydroSmart®	HydroSmart®	HydroSmart®	HydroSmart®	hydrophobic acrylate	hydrophobic acrylate
Optic Size	6.0 mm	6.0 mm	6.0 mm	6.0 mm	6.0 mm	6.0 mm
Overall Length	11.0 mm	11.0 mm	11.0 mm	11.0 mm	12.5 mm	12.5 mm
Refractive Index	1.46	1.46	1.46	1.46	1.54	1.54
UV Filter	Yes	Yes	Yes	Yes	Yes	Yes
Violet Light Filter	-	-	Yes	-	-	-
Blue Light Filter	-	-	-	-	Yes	Yes
Available Diopters	SE: +10.0 D to +30.0 D (0.5 D) Cyl.: T0 +0.75 D T1 +1.5 D T2 +2.25 D T3 +3.0 D T4 +3.75 D T5 +4.5 D T6 +5.25 D	Sph.: -10.0 D to +36.0 D (0.01 D) Individually manufactured Cyl.: +0.5 D to +10.0 D (0.01 D) Individually manufactured	Sph.: -10.0 D to +36.0 D (0.01 D) Individually manufactured Cyl.: +0.5 D to +10.0 D (0.01 D) Individually manufactured	SE: +10.0 D to +30.0 D (0.5 D)	SE: +10.0 D to +30.0 D (0.5 D)	SE: +10.0 D to +30.0 D (0.5 D)

EXTENDED DEPTH OF FOCUS [EDOF]

FOCUS ON DISTANCE AND INTERMEDIATE RANGES

The vanguard EDOF IOL with advanced segmented optics

The new generation of EDOF intraocular lenses offers an innovative and unique patented lens concept with extended depth of focus up to 60 cm, which in particular meets the high demands of cataract patients with regard to the refractive result. Positioned between standard and varifocal IOLs, EDOF IOLs offer the possibility of making both distance and intermediate vision more spectacle-independent in the long term. Toric versions are also available for patients with astigmatism.

Advantages of the EDOF family at a glance

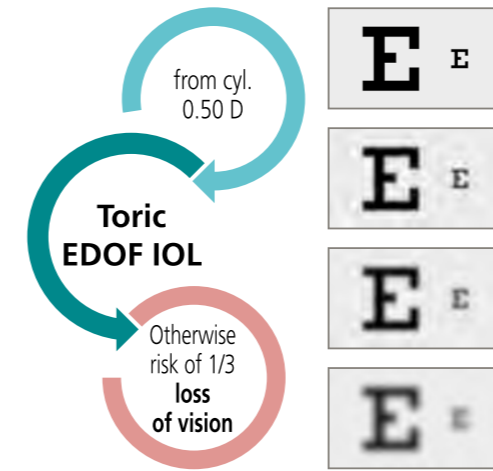
- Excellent visual acuity results for the distance and intermediate ranges
- Natural image and colour perception
- More spectacle independence compared to monofocal standard IOL results in a better quality of life
- Improved contrast and depth of focus for optimal vision in low light conditions

EDOF TORIC

EXTENDED DEPTH OF FOCUS WITH CYLINDER CORRECTION

Toric EDOF IOL for correcting astigmatism

Easy to use and effective in results.



Astigmatism

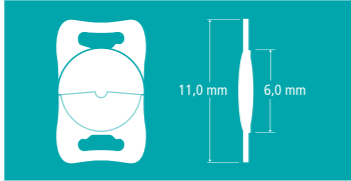
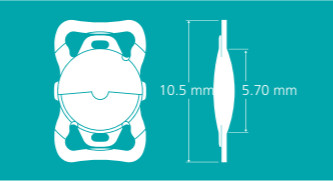
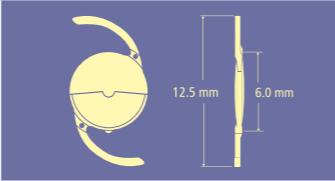
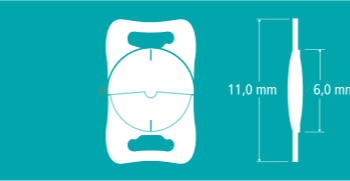

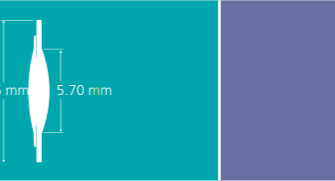
Deterioration in vision at all distances if the cornea of the eye is not perfectly rounded.



Results

- Toric EDOF IOLs: Correction cylinder 0.75 D - 5.25 D
- Correction of 99% of all regular corneal astigmatisms

Online configuration:
www.teleon-toric.com

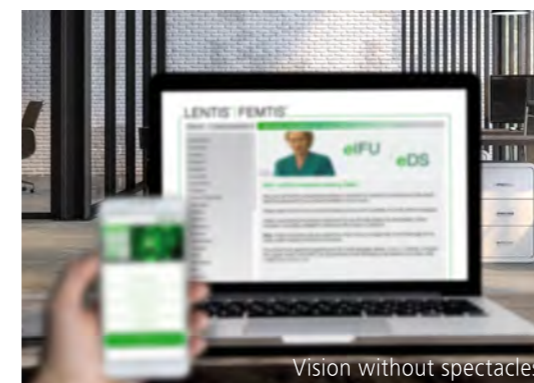
							
Product	LENTIS [®] Comfort [™] LS-313 MF15	FEMTIS [®] Comfort [™] FB-313 MF15	ACUNEX [®] VARIO AN6V		LENTIS [®] Comfort [™] LS-313 MF15 T0-T6	FEMTIS [®] Comfort [™] FB-313 MF15 T0-T3	ACUNEX [®] VARIO TORIC AN6VT
Optic Design	EDOF	EDOF	EDOF		EDOF toric	EDOF toric	EDOF toric
Surface Design	aspheric	aspheric	aspheric		aspheric	aspheric	aspheric
Addition	1.5 D	1.5 D	1.5 D		1.5 D	1.5 D	1.5 D
Material	HydroSmart [®]	HydroSmart [®]	hydrophobic acrylate		HydroSmart [®]	HydroSmart [®]	hydrophobic acrylate
Optic Size	6.0 mm	5.7 mm	6.0 mm		6.0 mm	5.7 mm	6.0 mm
Overall Length	11.0 mm	10.5 mm	12.5 mm		11.0 mm	10.5 mm	12.5 mm
Refractive Index	1.46	1.46	1.54		1.46	1.46	1.54
UV Filter	Yes	Yes	Yes		Yes	Yes	Yes
Violet Light Filter	-	-	-		-	-	-
Blue Light Filter	-	-	Yes		-	-	Yes
Available Diopters	SE: -10.0 D to -1.0 D (1.0 D) SE: ±0.0 D to +36.0 D (0.5 D)	SE: +15.0 D to +30.0 D (0.5 D)	SE: +10.0 D to +30.0 D (0.5 D)		SE: +10.0 D to +30.0 D (0.5 D) Cyl.: T0 +0.75 D T1 +1.5 D T2 +2.25 D T3 +3.0 D T4 +3.75 D T5 +4.5 D T6 +5.25 D	SE: +15.0 D to +30.0 D (0.5 D) Cyl.: T0 +0.75 D T1 +1.5 D T2 +2.25 D T3 +3.0 D	SE: +10.0 D to +30.0 D (0.5 D) Cyl.: T0 +0.75 D T1 +1.5 D T2 +2.25 D T3 +3.0 D

VARIFOCAL EFFECT

FOR ALL DISTANCES

The premium IOL family for optimal treatment of cataract and presbyopia

With the help of the premium intraocular lenses, you can fulfil your demanding patients' wish to enjoy everyday life without glasses again. The intraocular lenses with varifocal effect enable presbyopia patients to see clearly again at all distances.



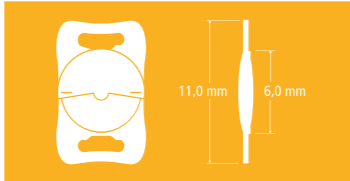
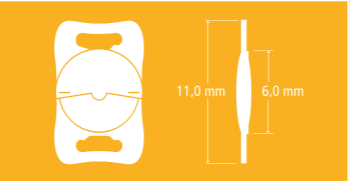
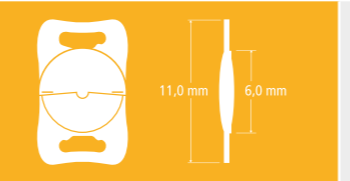


Presbyopia

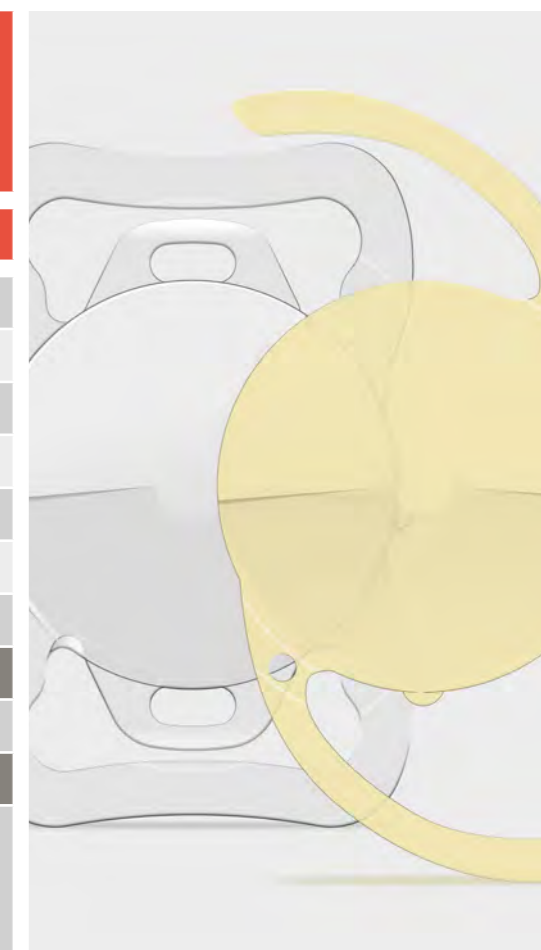
For many patients, the age-related deterioration of near and intermediate vision goes hand in hand with a sense of losing their freedom and independence.

Varifocal intraocular lenses are an excellent alternative to reading and varifocal spectacles and offer a permanent solution to presbyopia.

Continuous transmission technology

- Large aspherical distance optic zone with maximum light focusing for sharp distance vision
- Central distance-lenslet for less sensitivity to IOL decentration and tilt
- Prolate surface profile between distance-lenslet and the varifocal segment for a smooth power transition
- Smooth transmedial surface transitions for maximum light transmission and minimized photic phenomena
- Segment with varifocal addition for excellent vision at all distances

							
Product	LENTIS [®] M _{plus} LS-313 MF20	LENTIS [®] M _{plus} LS-313 MF30	LENTIS [®] M _{plus} × LS-313 MFX30		FEMTIS [®] M _{plus} FB-313 MF30	ACUNEX [®] VARIOMax ANGVm	
Optic Design	multifocal	multifocal	multifocal		multifocal	multifocal	
Surface Design	aspheric	aspheric	aspheric		aspheric	aspheric	
Addition	2.0 D	3.0 D	3.0 D		3.0 D	3.0 D	
Material	HydroSmart [®]	HydroSmart [®]	HydroSmart [®]		HydroSmart [®]	hydrophobic acrylate	
Optic Size	6.0 mm	5.7 mm	6.0 mm		5.7 mm	6.0 mm	
Overall Length	11.0 mm	11.0 mm	11.0 mm		10.5 mm	12.5 mm	
Refractive Index	1.46	1.46	1.46		1.46	1.54	
UV Filter	Yes	Yes	Yes		Yes	Yes	
Violet Light Filter	-	-	-		-	-	
Blue Light Filter	-	-	-		-	Yes	
Available Diopters	SE: -10.0 D to -1.0 D (1.0 D) SE: ±0.0 D to +36.0 D (0.5 D)	SE: -10.0 D to -1.0 D (1.0 D) SE: ±0.0 D to +36.0 D (0.5 D)	SE: -10.0 D to -1.0 D (1.0 D) SE: ±0.0 D to +36.0 D (0.5 D)		SE: +15.0 D to +30.0 D (0.5 D)	SE: +10.0 D to +30.0 D (0.5 D)	

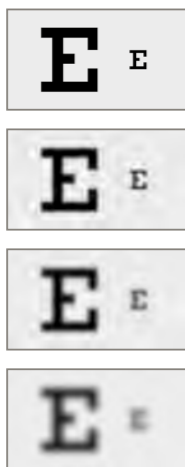
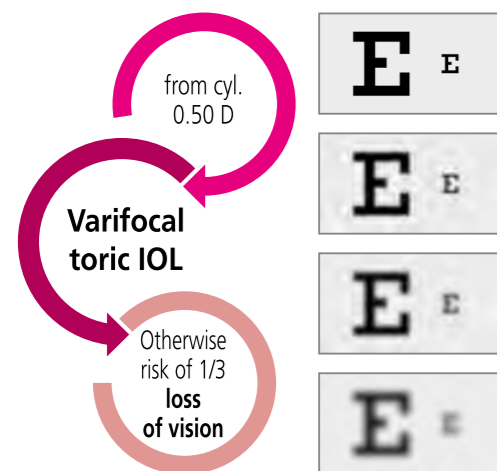


VARIFOCAL TORIC EFFECT

CUSTOMISED WITH CYLINDER CORRECTION

Varifocal toric IOL for astigmatism correction

Easy to use and effective in results.



Astigmatism

Deterioration in vision at all distances if the cornea of the eye is not perfectly rounded.



Rotational stability

- High rotational stability (<math>< 2.8^\circ</math>)
- Easy correction of the corneal cylinder
- Pre-op astigmatism average cyl 1,41 D
- Post-op residual astigmatism average cyl 0.18 D

Study results: Patrick J. Chiam (MD)

Online configuration:

www.teleon-toric.com

- Varifocal toric IOLs correct astigmatism and presbyopia simultaneously
- Correction of 99% of all regular corneal astigmatisms

VARIFOCAL TORIC

CUSTOMISED WITH ADD. BENEFITS

Perfect match

Automated capsulotomy and FEMTIS® IOL family.

- The optimum in IOL premium care
- Outstanding IOL and haptic design
- Renowned surgical procedure

Perfect visual performance

- Proven premium optics
- 4 additional clip haptics for exceptionally stable positioning and fixation in the capsular bag
- Unique combination: FEMTIS® IOL and automated capsulotomy
- Optimal centering and visual acuity results

Product	LENTIS® M _{plus} ^{toric} LU-313 MF15T	LENTIS® M _{plus} ^{toric} LU-313 MF20T	LENTIS® M _{plus} ^{toric} LU-313 MF30T	LENTIS® M _{plus} ^{toric} LU-313 MFX30T	FEMTIS® M _{plus} ^{toric} FB-313 MF30 T0-T3	ACUNEX® VARIO ^{MAX} TORIC ANGVMT
Optic Design	multifocal toric	multifocal toric	multifocal toric	multifocal toric	multifocal toric	multifocal toric
Surface Design	aspheric	aspheric	aspheric	aspheric	aspheric	aspheric
Addition	1.5 D	2.0 D	3.0 D	3.0 D	3.0 D	3.0 D
Material	HydroSmart®	HydroSmart®	HydroSmart®	HydroSmart®	HydroSmart®	hydrophobic acrylate
Optic Size	6.0 mm	6.0 mm	6.0 mm	6.0 mm	5.7 mm	6.0 mm
Overall Length	11.0 mm	11.0 mm	11.0 mm	11.0 mm	10.5 mm	12.5 mm
Refractive Index	1.46	1.46	1.46	1.46	1.46	1.54
UV Filter	Yes	Yes	Yes	Yes	Yes	Yes
Violet Light Filter	optional	optional	optional	optional	-	-
Blue Light Filter	-	-	-	-	-	Yes
Available Diopters	SE: ±0.0 D to +36.0 D (0.01 D) Individually manufactured Cyl.: +0.5 D to +10.0 D (0.01 D) Individually manufactured	SE: ±0.0 D to +36.0 D (0.01 D) Individually manufactured Cyl.: +0.5 D to +10.0 D (0.01 D) Individually manufactured	SE: ±0.0 D to +36.0 D (0.01 D) Individually manufactured Cyl.: +0.5 D to +10.0 D (0.01 D) Individually manufactured	SE: ±0.0 D to +36.0 D (0.01 D) Individually manufactured Cyl.: +0.5 D bis +10.0 D (0.01 D) Individually manufactured	SE: +15.0 D to +30.0 D (0.5 D) Cyl.: T0 +0.75 D T1 +1.5 D T2 +2.25 D T3 +3.0 D	SE: +10.0 D to +30.0 D (0.5 D) Cyl.: T0 +0.75 D T1 +1.5 D T2 +2.25 D T3 +3.0 D

MANUFACTURER:



Teleon Surgical B.V.

Van Rensselaerweg 4 b
NL- 6956 AV Spankeren

 www.teleon-surgical.com

 marketing@teleon-surgical.com