

IOLflex and MASTERflex Safety and Comfort



Safety and Comfort for Unclouded Vision

We are pleased to offer you two high-quality hydrophilic co-polymer intraocular lens (IOL) designs to suit your surgical needs.

Our clinically proven **IOLflex** is a one-piece IOL with a modified C-loop design and a sharp edge that is optimal for PCO reduction. The innovative haptic construction hugs the capsule and evenly centers the device even in cases of strong capsular shrinkage. Furthermore, the enhanced haptic durability makes it ideal for use with IOL injectors.



IOLflex –
clinically approved
for minimal incision
surgery.

IOL advantages – at a glance:

- Excellent optical characteristics,
- Excellent biocompatibility
- Low PCO rate
- Easy handling
- Minimal incision size
- Conventional or injector-assisted implantation

Our one-piece **MASTERflex** lens with advanced Z-haptic system additionally offers:

Comprehensive PCO prophylaxis thanks to the sharp edge designs of both optic and haptics, consistent and reliable unfolding properties, a high measure of stability for safe injector implantation, and optimized tension-oriented positioning within the capsule bag.

MASTERflex –
the innovative
choice with
maximal safety.



The unique poly-2-HEMA-EOEMA material that makes up both the **IOLflex** and **MASTERflex** demonstrates biocompatibility after more than ten years of use, without clouding or showing other signs of age. A US study involving 250 surgeons and 35,000 implantations revealed the following excellent results:

Folding and unfolding	good to very good
Biocompatibility	very good
Average visual acuity	good to very good (no inflammation)
Decentration	none
Opacification	none
PCO rate	very low
YAG compatibility	very good



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Safety and Comfort – Information

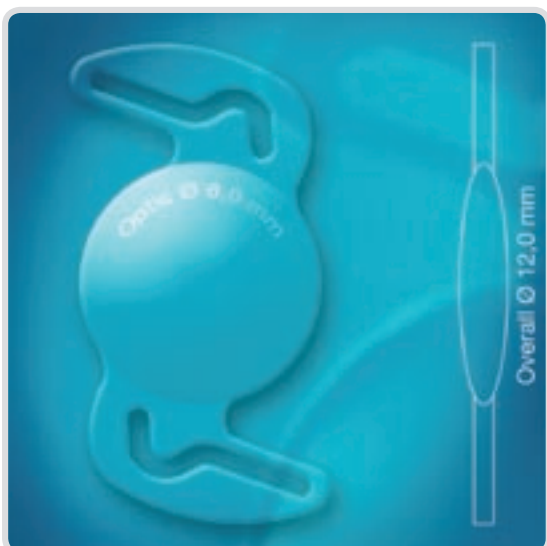


IOLflex



Fixation	PC, retropupillary
Design	IOLflex
Standard range for delivery	10 - 30 Dpt
Optic type	BICONVEX
Optic material	acrylate 25% H ₂ O
Haptic material	acrylate 25% H ₂ O
Haptic design	modified C-loop
A-constant	118,8
Anterior chamber depth	5,3 mm
Overall Ø	12,5 mm
Optic Ø	6,0 mm
Angulation	0 °
Refractive Index	1,46 (hydrated)

MASTERflex



Fixation	PC, retropupillary
Design	MASTERflex
Standard range for delivery	10 - 30 Dpt
Optic type	BICONVEX
Optic material	acrylate 25% H ₂ O
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Haptic design	modified Z-loop
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Anterior chamber depth	5,3 mm
Overall Ø	12,0 mm
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Production and Distribution:

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