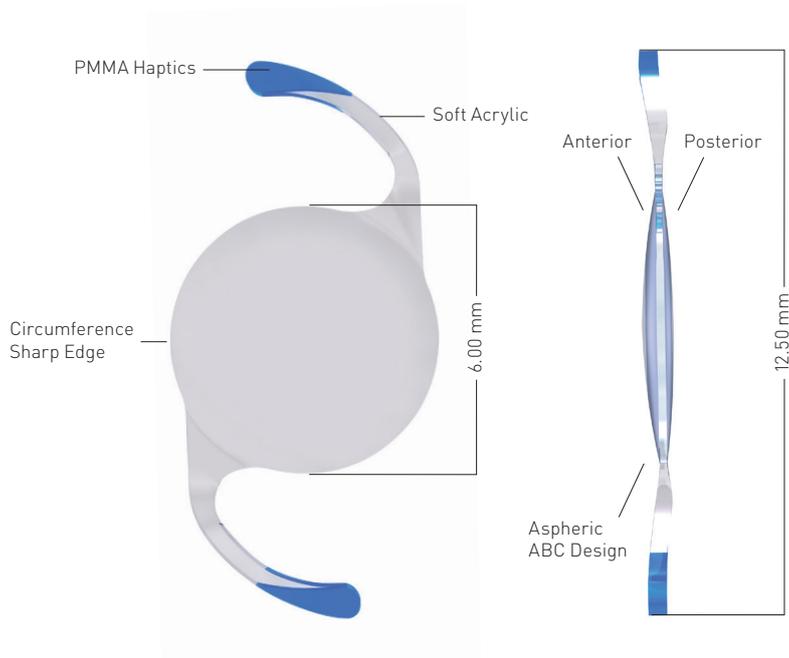


iSert[®] 250

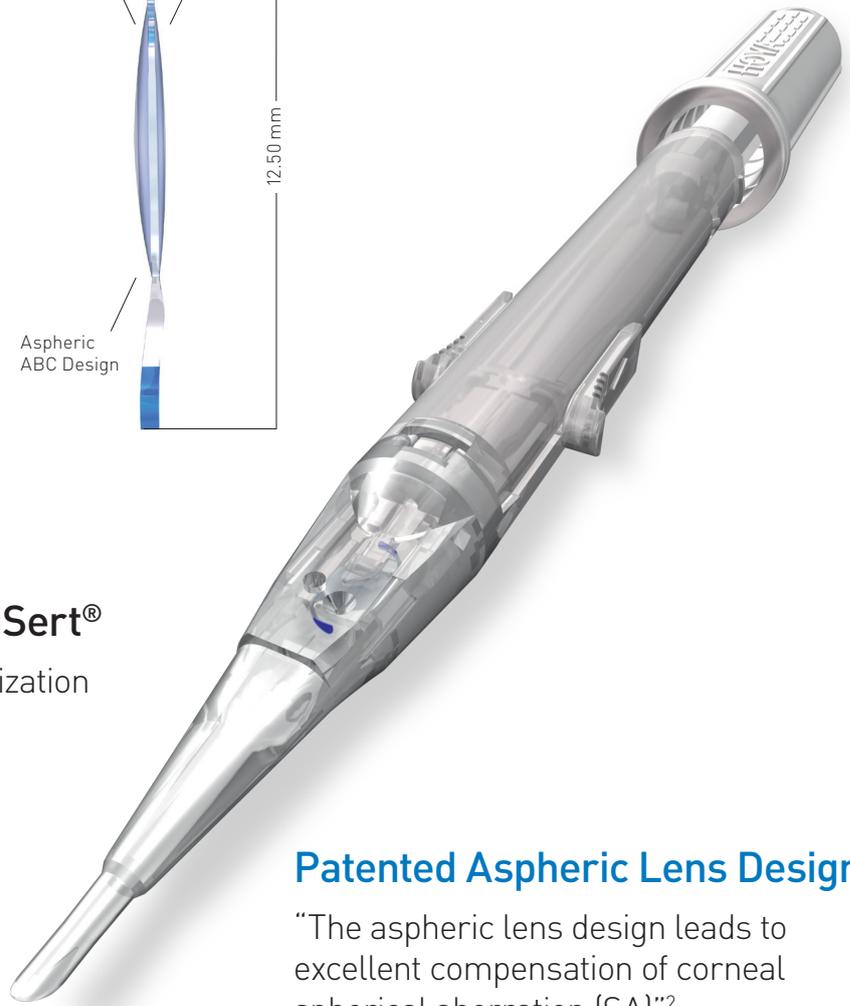
Aspheric 1-Piece IOL
Hydrophobic Acrylic

Preloaded Injector System
Patented Aspheric Lens Design¹
(ABC Design)
Circumference Sharp Edge



Preloaded Injector System iSert[®]

- Disposable, no cleaning or sterilization
- Immediate IOL delivery into the capsular bag



Patented Aspheric Lens Design¹

“The aspheric lens design leads to excellent compensation of corneal spherical aberration (SA)”²

Circumference Sharp Edge

Entire posterior circumference
of the IOL

1. United States Patent: US 8,647,383 B2

2. M. Gillner, A. Langenbucher, T. Eppig: Investigation of the theoretical image quality of aspheric intraocular lenses by decentration. Hoya AF-1 iMics1 und Zeiss ASPHINA™ (Invent ZO) / Original Article in German Der Ophthalmologe [2012] 109:263–270

iSert® 250

Aspheric 1-Piece IOL

Hydrophobic Acrylic

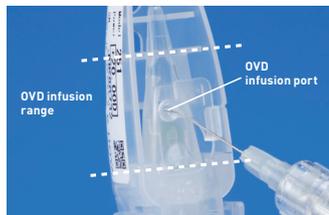
Preloaded Injector System
 Patented Aspheric Lens Design¹
 (ABC Design)
 Circumference Sharp Edge

Model Name	HOYA iSert® 250
Specification	UV filter
Optic Material	Hydrophobic acrylic (AF-1)
Optic Design	Patented Aspheric Lens Design ¹ (ABC Design), biconvex, aberration correcting
Manufacturing	Lathe-cut and pad polished
Haptic Material	Hydrophobic acrylic with blue PMMA chemically bonded haptic tips
Haptic Configuration	Modified C-loop, 5° angulation
Dimension (Optic/OAL)	6.00 mm / 12.50 mm
Power	+6.00 to +30.00 D (in 0.50 D increment)
Nominal A-Constant*	118.4
Optimized Constants**	Haigis a0 = -0.542 a1 = 0.161 a2 = 0.204 Hoffer Q pACD = 5.30 Holladay 1 sf = 1.52 SRK/TA = 118.5 SRK II A = 118.8
Front injector tip outer diameter	1.82 mm
Injector	iSert® preloaded

*The A-Constant mentioned above is presented as a guideline only for lens power calculations. It is recommended that the A-Constant measurement be customized based on the surgeon's experience and measure equipment.

**<http://ocusoft.de/ulib/c1.htm> (as of Oct. 31, 2016)

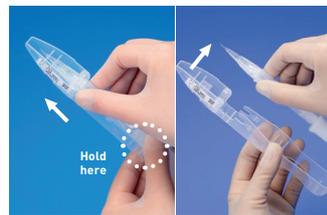
The handling shown below illustrates in summary the product application and does not replace the Instruction For Use.



Step A
 Infuse the OVD into the injector through the infusion port. Fill up the area indicated by dotted lines.



Step B
 Press the release tabs, lift up and remove the cover from the case.



Step C
 Hold body with thumb and push the slider slowly forward until it stops. Remove the injector from the case.



Step D
 Push the injector knob forward until it stops. Slowly rotate the knob clockwise. Carefully insert the injector tip into the eye through the incision, keeping the slit of the tip in a downward position to ensure correct IOL orientation. Slowly rotate the injector knob clockwise, to inject the lens into the capsular bag.

Some of the products and/or specific features as well as the procedures featured in this document may not be approved in your country and thus may not be available there. Design and specifications are subject to change without prior notice as a result of ongoing technical development. Please contact our regional representative regarding individual availability in your respective market.

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