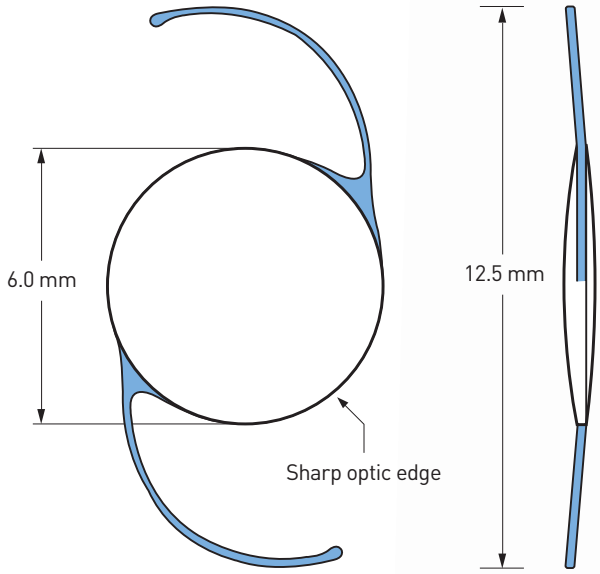
iSert® PC-60AD

Aspheric 3-Piece IOL
Hydrophobic Acrylic

Preloaded Injector System
Aspheric Lens Design



Fully preloaded delivery system iSert®

iSert® frees your staff from time-consuming daily duties (e.g. cleaning/sterilization of reusable injector)[1,2]

Trust in HOYA

A pioneer in fully preloaded IOL delivery systems, launching 3P iSert® in 2007 in Japan

Proven hydrophobic IOL material

Over 10 million IOLs implanted worldwide over 15 years[3]

Sharp optic edge[4]

Designed to reduce posterior capsule opacification (PCO)

1. HOYA Cartridge IFU. Available at: http://hoyasurgicaloptics.com/eu/professionals/eifu/. Accessed on 27 Apr 2020. **2.** HOYA-PS AF-1 PY-60AD/PC-60AD IFU. Available at: http://hoyasurgicaloptics.com/eu/professionals/eifu/. Accessed on 27 Apr 2020. **3.** Data on file, HOYA Medical Singapore Pte. Ltd. 2018. **4.** Werner L, Tetz M. Edge profiles of currently available intraocular lenses and recent improvements. *Eur Ophthalmic Rev.* 2009;3:74–76.

HOYA
SURGICAL OPTICS

iSert® PC-60AD

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Hydrophobic Acrylic

Preloaded Injector System
Aspheric Lens Design

HOYA iSert® PC-60AD	
Specification	UV filter
Optic material	Hydrophobic acrylic (AF-1)
Optic design	Aspheric lens design, aberration correcting
Manufacturing	Lathe-cut and tumble polished
Haptic material	Blue PMMA chemically bonded
Haptic configuration	Modified C-loop, 5° angulation
Dimension (Optic/OAL)	6.0 mm / 12.5 mm
Power	+6.00 to +30.00 D (in 0.50 D increment)
Estimated A-constant*	118.4
Optimized constants**	Haigis a0 = -0.093 a1 = -0.023, a2 = 0.208 Hoffer Q pACD = 5.30 Holladay 1 sf = 1.54 SRK/TA = 118.6 SRK II A = 118.8
Front injector tip outer diameter	1.89 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 measuring equipment.
**http://ocusoft.de/ulib/c1.htm (as of Oct. 31, 2016)

The handling shown below is for illustration purposes only. It does not replace the "Instruction For Use".

Preliminary and injector preparation steps (Steps A–F)

Step A

Pull the injector out of the pouch.

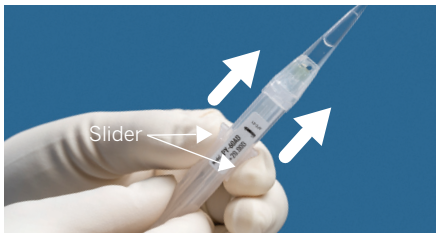
Step B

Infuse the OVD into the injector through the infusion port and fill up to the line of the case (at least 0.2mL) with the cannula pointed in a direction perpendicular to the injector body.

Step C

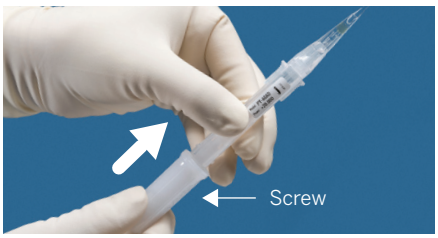
Remove the injector from the case.

Step D



Push the slider forward slowly until it stops. Verify leading haptic position. Make sure that the leading haptic extends forward.

Step E



Push the injector knob forward until it stops.

Step F

Slowly rotate the knob clockwise, carefully observing that the rod tip pushes the optic edge in the center and does not override or slip under the optic. If no issues are observed, go immediately to implantation steps.

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