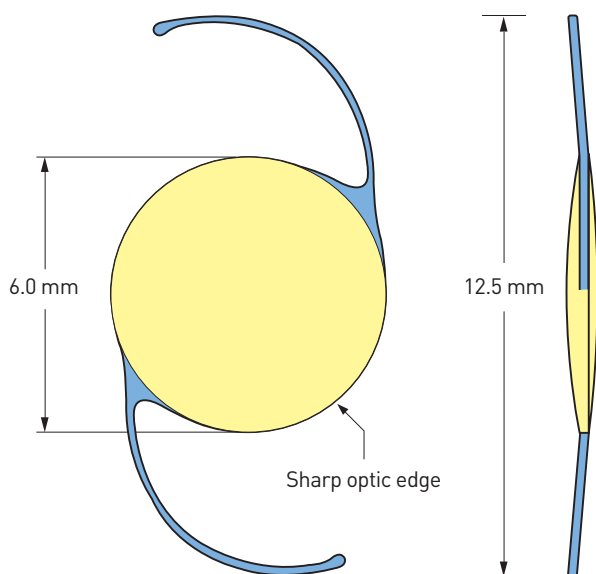


iSert® PY-60AD

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 years³

Sharp optic edge⁴

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.

iSert® PY-60AD

Aspheric 3-Piece IOL
Hydrophobic Acrylic

Preloaded Injector System
Aspheric Lens Design

HOYA iSert® PY-60AD

| | | | |
|------------------------------|--|--|---|
| Specification | UV and blue light filter | Power | +6.00 to +30.00 D (in 0.50 D increment) |
| Optic material | Hydrophobic acrylic (AF-1) | Estimated A-constant* | 118.4 |
| Optic design | Aspheric lens design, aberration correcting | 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 |
| Manufacturing | Lathe-cut and tumble polished | Front injector tip outer diameter | 1.89 mm |
| Haptic material | Blue PMMA chemically bonded | Injector | iSert® preloaded |
| Haptic configuration | Modified C-loop, 5° angulation | | |
| Dimension (Optic/OAL) | 6.0 mm / 12.5 mm | | |

*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



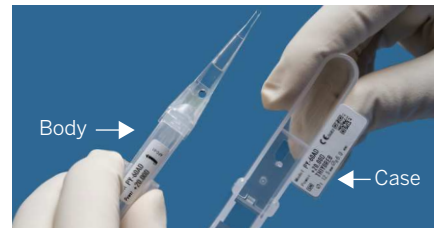
Pull the injector out of the pouch.

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.

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. HOYA and iSert are trademarks of the HOYA Corporation or its affiliates. ©2020 HOYA Medical Singapore Pte. Ltd. All rights reserved.

HOYA Medical Singapore Pte. Ltd. | 455A Jalan Ahmad Ibrahim | Singapore 639939

HOYA Surgical Optics GmbH | De-Saint-Exupéry-Straße 10 | 60549 Frankfurt / Main | Germany
Hotline DE: Tel. 0800 664 2 664 | Fax 0800 774 2 774 hoyasurgicaloptics.com

Singularly Focused. Globally Powered.™

HOYA
SURGICAL OPTICS