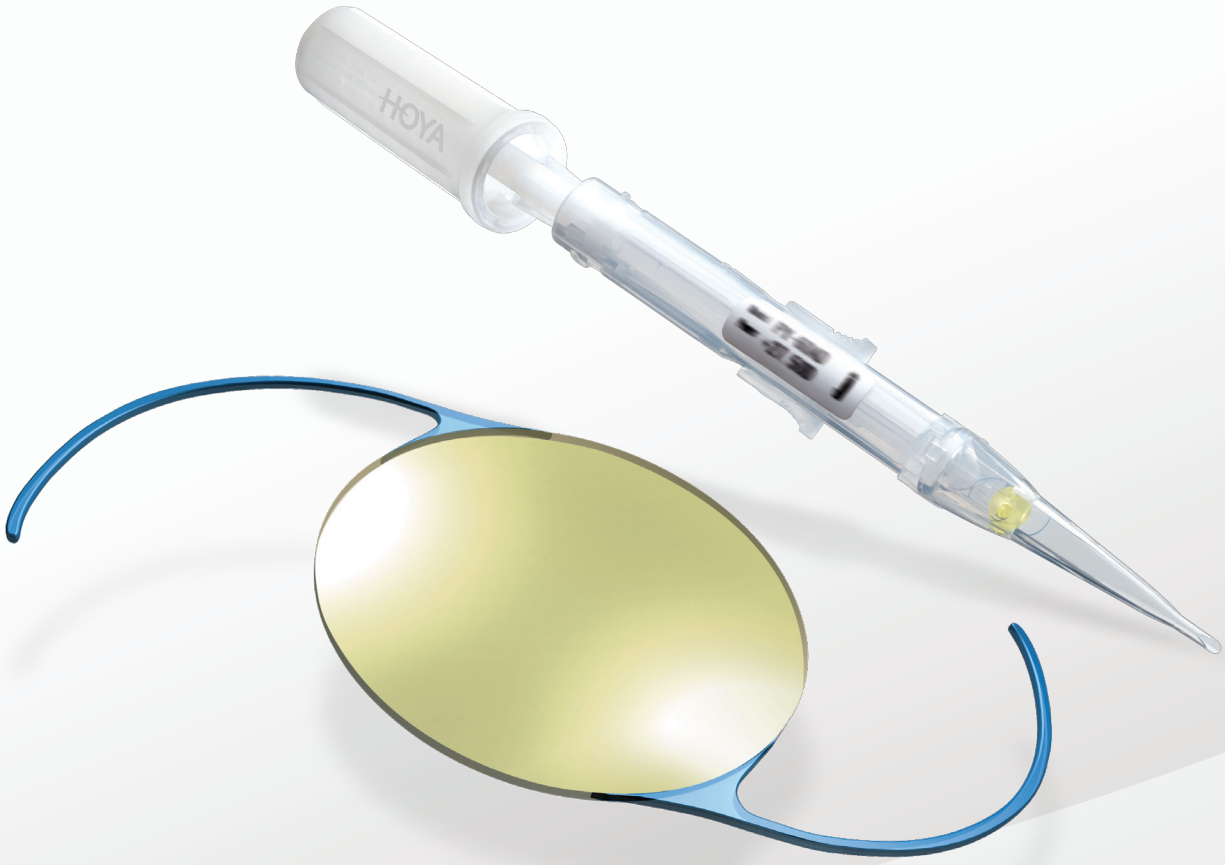
iSert® spheric
Preloaded IOL

Model Name
PY-60R

Mini-INcision
Hydrophobic acrylic IOL for ≤ 2.5 mm real incision

Product Configuration
Excellent centration and stability
Increased flexibility from thinner haptics

Preloaded
Convenient lens delivery in
HOYA iSert® Preloaded IOL Implantation System



HOYA
SURGICAL OPTICS

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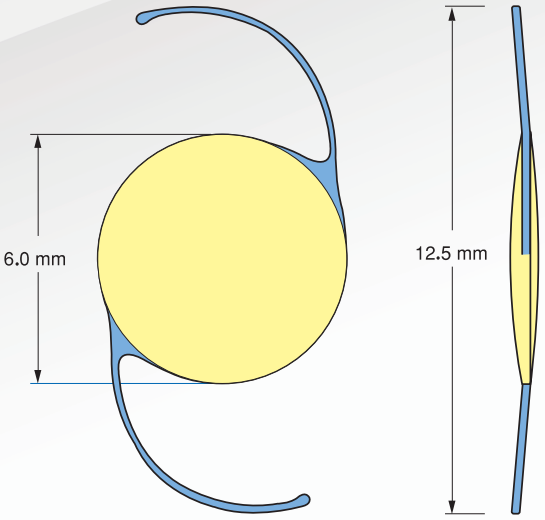
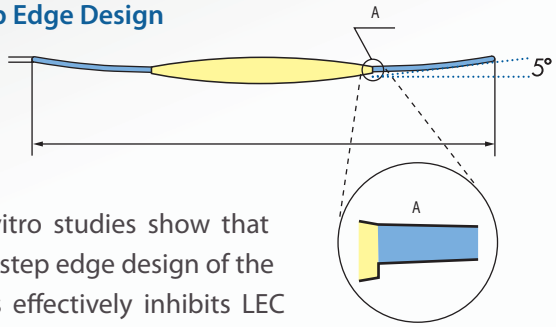
Preloaded IOL

Model Name

PY-60R



Step Edge Design



In vitro studies show that the step edge design of the lens effectively inhibits LEC migration.[1,2]

Model Name	PY-60R
Specification	Spherical, Blue Blocking[3]
Optic Material	Hydrophobic Acrylic
Haptic Material	PMMA chemically bonded
Optic Design	Spherical
Manufacturing	Lathe-cut and tumble polished
Haptic Configuration	C-loop, 5° angulation
Dimensions (Optic/OAL)	6.0 mm / 12.5 mm
Power	+10.0 to +26.0 D (0.5 D steps)
A-constant[4]	118.4
Optimized optical constants[5]	Haigis a0 = 1.06 a1 = 0.4 a2 = 0.1 Hoffer Q pACD = 5.24 Holladay 1 sf = 1.48 SRK/T A = 118.5 SRK II A = 118.8
Method of Sterilization	Ethylene oxide (EO)
Incision	Mini-INcision ≤ 2.5 mm
Implantation System	iSert® Preloaded IOL Implantation System +10.0 to +26.0 D (0.5 D steps)

1. Kohnen T, Fabian E, Gerl R, et al. Optic edge design as a long-term factor for posterior capsular opacification rates. *Ophthalmology. 2008; 115 (8):1308 - 1314.*
2. Nishi O, Nishi K, Wickström K. Preventing lens epithelial cell migration using intraocular lenses with sharp rectangular edges. *J Cataract Refract Surg. 2000;26:1543-1549.*
3. The iSert PY-60R achieves a transmittance factor, which is close to that of the human lens. It blocks almost all ultraviolet light as well as some short-wavelength blue light.
4. This A-constant number is presented only as a guideline for lens power calculations. It is recommended that A-constant measurements be based on the surgeon's experience and measuring equipment.
5. http://www.augenklinik.uni-wuerzburg.de/eulib/index.htm

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