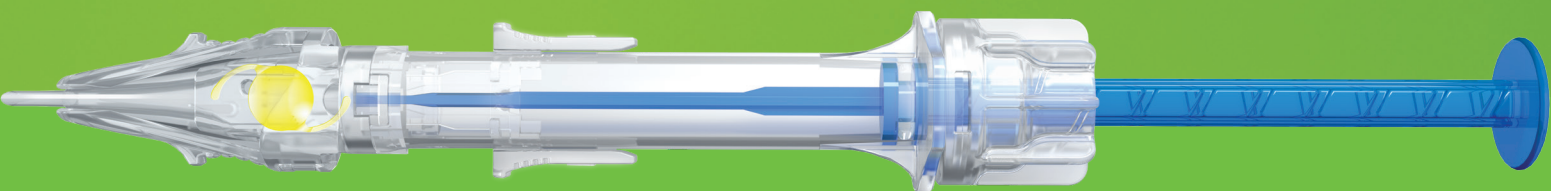




**VIVINEX™ TORIC**  
THE SECURE CHOICE  
FOR ASTIGMATISM  
CORRECTION

Our monofocal toric IOL – designed to  
advance patients' vision



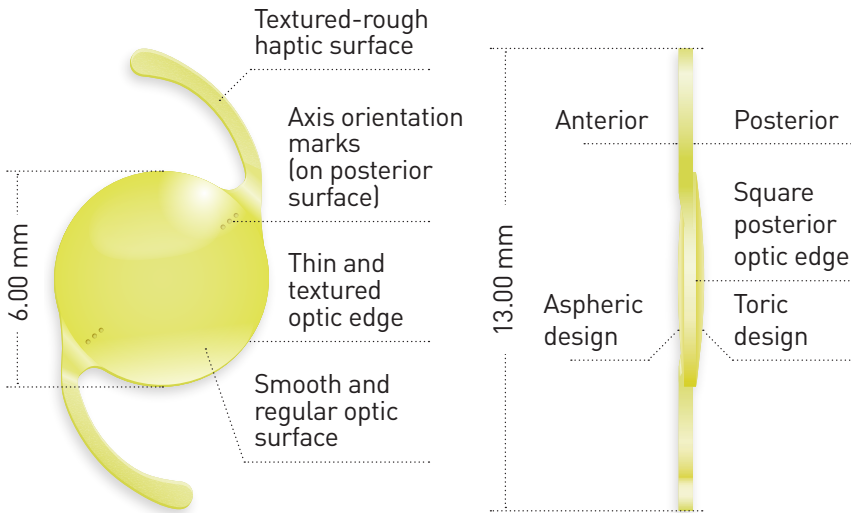
# Vivinex™ Toric multiSert™

Monofocal Toric IOL for astigmatism correction

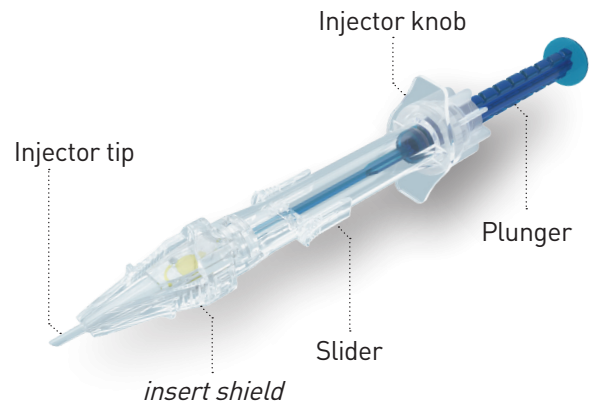
MODEL **XY1A-SP**

**HOYA**  
SURGICAL OPTICS

For the toric cylinder calculation please visit [www.HOYAatoric.com](http://www.HOYAatoric.com)

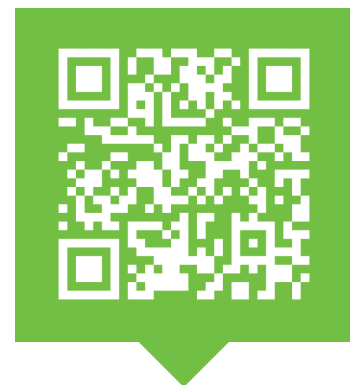


multiSert™



Vivinex™ Toric multiSert™	
<b>Model name</b>	<b>XY1A-SP</b>
<b>Optic design</b>	Biconvex with square, thin and textured optic edge Anterior: Aspheric design Posterior: Toric design
<b>Optic &amp; haptic materials</b>	Hydrophobic acrylic Vivinex™ with UV- and blue light filter
<b>Haptic design</b>	Textured-rough haptic surface
<b>Diameter (optic/OAL)</b>	6.00 mm / 13.00 mm
<b>IOL power (Spherical equivalent)</b>	+10.00 to +30.00 D (in 0.50 D increments)
<b>Cylinder power at IOL plane</b>	1.00 to 6.00 D (T2 to T9) T2 to T3 in 0.50 D increments T3 to T9 in 0.75 D increments
<b>Nominal A-constant*</b>	118.9
<b>Optimized constants**</b>	Haigis $a_0 = -1.0459$ $a_1 = 0.2547$ $a_2 = 0.2291$
	Hoffer Q pACD = 5.700
	Holladay 1 sf = 1.928
	SRK/T A = 119.193
<b>Injector</b>	multiSert™ preloaded
<b>Front injector tip outer diameter</b>	1.70 mm
<b>Recommended incision size</b>	2.20 mm

Model XY1A-SP	Cylinder power at IOL plane	Cylinder power at corneal plane <sup>1</sup>
<b>T2</b>	1.00 D	0.69 D
<b>T3</b>	1.50 D	1.04 D
<b>T4</b>	2.25 D	1.56 D
<b>T5</b>	3.00 D	2.08 D
<b>T6</b>	3.75 D	2.60 D
<b>T7</b>	4.50 D	3.12 D
<b>T8</b>	5.25 D	3.64 D
<b>T9</b>	6.00 D	4.17 D



SCAN HERE TO VIEW PRODUCT INFORMATION

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Reference: 1. Based on an average pseudophakic human eye. \* The A-constant is presented as a starting point for the lens power calculation. When calculating the exact lens power, it is recommended that calculations be performed individually, based on the equipment used and operating surgeon's own experience. \*\* These optimized constants for the calculation of intraocular lens power published by IOLCon on their website: <https://iolcon.org> are calculated from 2,857 and 2,884 clinical results for Vivinex™ Models XC1/XY1 and XC1-SP/XY1-SP as of June 10, 2024. These constants are based on actual surgical data and are provided by IOLCon as a starting point for individual constant optimizations. The information available on the website is based on data originating from other users and not by HOYA Surgical Optics ("HSO"). HSO therefore does not warrant the correctness, completeness and currentness of the contents on the said website.

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