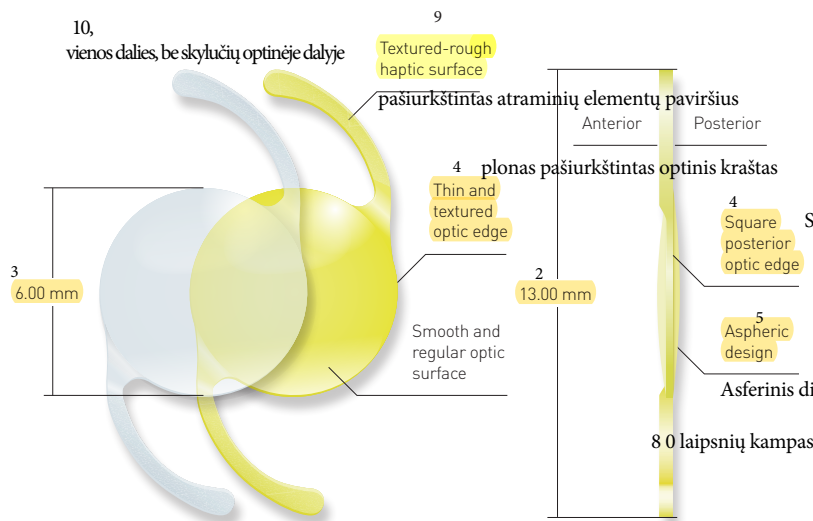
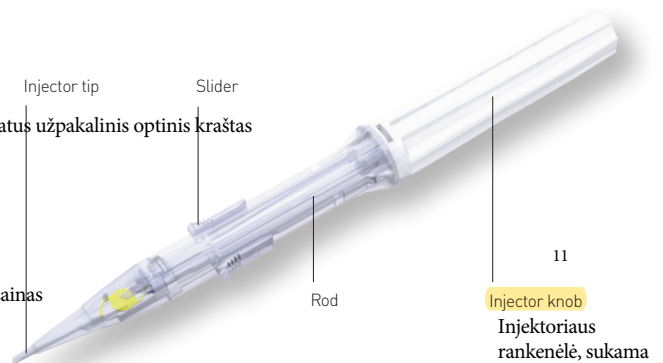


Vivinex™

MODEL **XC1** | MODEL **XY1**



Vivinex™ iSert®



Vivinex™ iSert®				
Model name	XC1 XY1			
Optic design	4	Aspheric design with square, thin and textured optic edge		Asferinis dizainas su plonu pašiurkštintu optiniu kraštu
Optic & haptic materials	1	Hydrophobic acrylic Vivinex™ with UV-filter (Model XC1), with UV- and blue light filter (Model XY1)		Hidrofobinis akrilas su UV filtru (modelis XC1) su UV ir mėlynos šviesos (spalvos) filtru (modelis XY1)
Haptic design	8	Textured-rough haptic surface		Atraminių elementų paviršius pašiurkštintas.
Diameter (optic/OAL)		6.00 mm / 13.00 mm		2, 3
Power	7	+6.00 to +30.00 D (in 0.50 D increments)		Laužiamoji galia
Nominal A-constant*		118.9		
Optimized constants**	Haigis	$a_0 = -0.8028$	$a_1 = 0.2133$	$a_2 = 0.2245$
	Hoffer Q	pACD = 5.697		
	Holladay 1	sf = 1.934		
	SRK/T	A = 119.198		
Injector		Vivinex™ iSert® preloaded		
Front injector tip outer diameter		1.70 mm		
Recommended incision size		2.20 mm		

* 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 1,475 clinical results for Vivinex™ model XY1/XC1 as of September 24, 2021. 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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