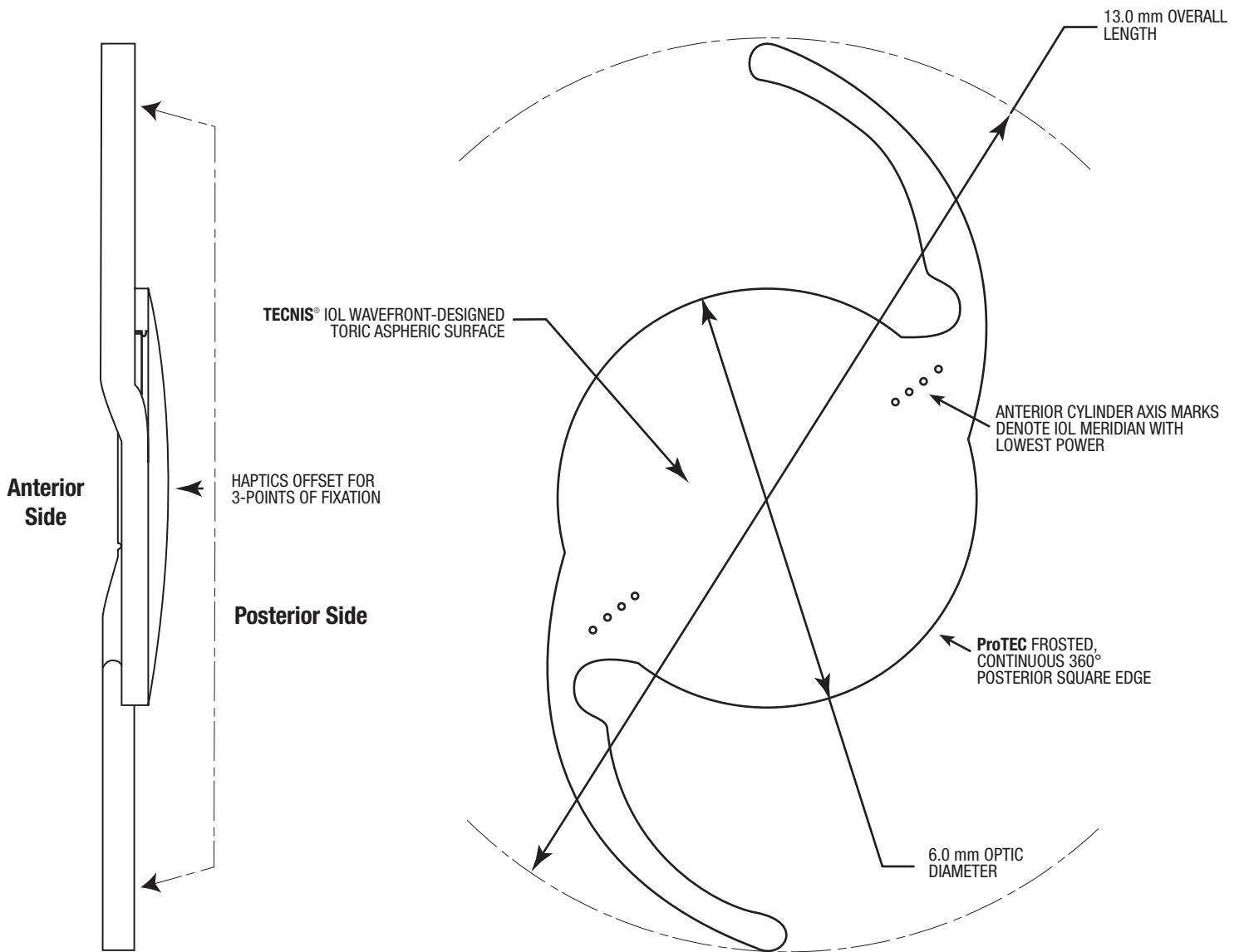


**TECNIS® Toric 1-Piece Aspheric IOL**  
Hydrophobic Acrylic



Models: 1.00 D – ZCT100      3.00 D – ZCT300      5.25 D – ZCT525  
 1.50 D – ZCT150      3.75 D – ZCT375      6.00 D – ZCT600  
 2.25 D – ZCT225      4.50 D – ZCT450      7.00 D – ZCT700  
 8.00 D – ZCT800

<b>DESCRIPTION</b>									
<b>OPTIC CHARACTERISTICS</b>									
Powers:					+5.0 D to +34.0 D in 0.5 diopter increments				
Cylinder Powers – IOL Plane:									
ZCT100	ZCT150	ZCT225	ZCT300	ZCT375	ZCT450	ZCT525	ZCT600	ZCT700	ZCT800
1.00 D	1.50 D	2.25 D	3.00 D	3.75 D	4.50 D	5.25 D	6.00 D	7.00 D	8.00 D
Cylinder Powers – Corneal Plane:*									
ZCT100	ZCT150	ZCT225	ZCT300	ZCT375	ZCT450	ZCT525	ZCT600	ZCT700	ZCT800
0.69 D	1.03 D	1.54 D	2.06 D	2.57 D	3.08 D	3.60 D	4.11 D	4.80 D	5.48 D
Corneal Astigmatism Correction Range <sup>†</sup> (Preop Kcyl+SIA)									
ZCT100	ZCT150	ZCT225	ZCT300	ZCT375	ZCT450	ZCT525	ZCT600	ZCT700	ZCT800
0.50 D – 0.75 D	0.75 D – 1.50 D	1.50 D – 2.00 D	2.00 D – 2.50 D	2.50 D – 3.00 D	3.00 D – 3.50 D	3.50 D – 4.00 D	4.00 D – 4.75 D	4.75 D – 5.50 D	5.50 D – 6.25 D
Diameter:				6.0 mm					
Shape:				Biconvex, anterior toric aspheric surface					
Material:				UV-blocking hydrophobic acrylic					
Refractive Index:				1.47					
Edge Design:				ProTEC frosted, continuous 360° posterior square edge					
<b>OPTICAL BIOMETRY<sup>‡</sup></b>									
A-Constant (SRK/T):				119.3					
AC Depth (HofferQ):				5.7 mm					
Surgeon Factor (Holl.1):				1.96 mm					
<b>ULTRASOUND BIOMETRY<sup>§</sup></b>									
A-Constant:				118.8					
Theoretical AC Depth:				5.4 mm					
Surgeon Factor: <sup>†</sup>				1.68 mm					
<b>HAPTIC CHARACTERISTICS</b>									
Overall Length:				13.0 mm					
Configuration:				Tri-Fix design, modified C, integral with optic					
Material:				UV-blocking hydrophobic acrylic					
Design:				Haptics offset from optic					
<b>RECOMMENDED INSERTION INSTRUMENTS</b>				<b>MODEL</b>					
The UNFOLDER <sup>®</sup> Platinum 1 Series Handpiece				DK7796					
The UNFOLDER <sup>®</sup> Platinum 1 Series Cartridge				1MTEC30					
The UNFOLDER <sup>®</sup> Emerald AR Inserter				EMERALDAR					
The UNFOLDER <sup>®</sup> Emerald AR Cartridge				1CART30					

\* Based on average pseudophakic human eye and "Holladay, J.T. International Intraocular Len and Implant Registry 2003. *J Cataract Refract Surg.* 2003;29:176-197."

† Based on a vector sum of preoperative corneal astigmatism (preop Kcyl) and the predicted effect of surgically induced astigmatism (SIA).

‡ Derived from clinical evaluation results of the TECNIS<sup>®</sup> 1-Piece Platform for optical biometry.

§ Value theoretically derived for a typical 20.0 D lens. AMO recommends that surgeons personalize their A-Constant based on their surgical techniques and equipment, experience with the lens model, and postoperative results.

[www.TECNISIOL.com](http://www.TECNISIOL.com) • [www.TECNISToricCalc.com](http://www.TECNISToricCalc.com)