



Recommended IOL constants



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Model	Product name	Manufacturer A-Constant	SRK/T*	Haigis*			Hoffer Q*	Holladay 1*	Holladay 2**	Barrett***	
	Article number	nominal	A	a0	a1	a2	pACD	SF	ACD	LF	DF
Basis Z	Basis Z hydrophobic B1ADY0/S1ADY0 B1AB00/S1AB00 B1ABY0/S1ABY0 B1AD00	118.9	119.033	0.8751	0.2659	0.1416	5.60	1.809	5.57	1.90	N/A
	Basis Z hydrophilic B1AW00/S1AW00 B1AWY0/S1AWY0	118.9	118.943	0.1657	0.3113	0.1631	5.529	1.76	5.52	1.85	-1.0
	Basis Z hydrophilic toric B1TWYT S1TWYT/S1TWY0	118.9	118.9	1.243	0.400	0.100	5.46	1.67	5.49	1.83	+5,5
	Mono+ B1TBY0	118.9	119.033	0.8751	0.2659	0.1416	5.60	1.809	5.57	1.90	N/A
	Mono+ toric B1TBY0	118.9	119.033	0.8751	0.2659	0.1416	5.60	1.809	5.57	1.90	N/A
	Basis Z hydrophobic EDOF B1XBY0/S1XBY0	118.9	118.824	0.3136	0.1158	0.1758	5.411	1.662	5.444	1.79	N/A
	Basis Z hydrophobic EDOF toric B1ZBY0/S1ZBY0	118.9	118.824	0.3136	0.1158	0.1758	5.411	1.662	5.444	1.79	N/A
	Basis Z hydrophilic trifocal B1EWYN/S1EWYN	118.9	118.9	1.243	0.400	0.100	5.46	1.67	5.49	1.83	N/A
Basis Z hydrophilic trifocal-toric B1HWYN/S1HWYN	118.9	118.9	1.243	0.400	0.100	5.46	1.67	5.49	1.83	N/A	

* Note ongoing updates of optimized constants via <https://iolcon.org>

** Calculation based on optimized SRK/T constant via <https://www.hic-soap.com/calc>

*** Calculation based on optimized SRK/T constant via https://calc.apacrs.org/barrett_universal2105



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Please always check the current version on www.1stq.de/en/constants or scan the QR-Code.

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All information is provided without guarantee. The constants given are to be interpreted only as a guideline for calculating the IOL power. We recommend that the constants given are individually optimized based on your own clinical experience and taking into account the surgical techniques, measuring devices and postoperative results.



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Modell	Produktname	Hersteller A-Konstante	SRK/T*	Haigis*			Hoffer Q*	Holladay 1*	Holladay 2**	Barrett***	
	Artikelnummer	nominal	A	a0	a1	a2	pACD	SF	ACD	LF	DF
Basis Q	Basis Q hydrophilic B2AW00/S2AW00 B2AWY0/S2AWY0 B2AP00/B2APY0	118.9	118.925	-0.9438	0.3731	0.2002	5.509	1.746	5.508	1.84	N/A
	Basis Q hydrophilic trifocal B2EWYN/S2EWYN	118.9	118.9	1.243	0.400	0.100	5.46	1.67	5.49	1.83	N/A
611 HPS	Basis K hydrophilic 611HPS	118.9	118.3	0.95	0.400	0.100	5.15	1.39	5.14	1.52	N/A
Basis V	Basis V hydrophobic B5AD00/B5ADY0 B5AB00/B5ABY0	118.7	118.895	-0.7633	0.1391	0.2244	5.533	1.724	5.49	1.83	N/A
	Basis V hydrophobic toric B5TBY0	118.7	118.895	-0.7633	0.1391	0.2244	5.533	1.724	5.49	1.83	N/A
Basis B	Basis B hydrophobic toric 877PTY	118.9	118.9	1.320	0.400	0.100	5.46	1.70	5.491	1.83	5.5

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*** Calculation based on optimized SRK/T constant via https://calc.apacrs.org/barrett_universal2105



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