Visions Toric FRONT TORIC FITTING GUIDE

BASE CURVE SELECTION*

CORNEAL CYLINDER	BASE CURVE
0.00 to 1.00	.25D steeper than Flat K
1.12 to 1.50	.50D steeper than Flat K
1.62 to 2.00	.75D steeper than Flat K
2.12 to 2.50	1.00D steeper than Flat K
2.75 or more	discuss with consultant

*This nomogram is based on using the recommended diameter.
Smaller Diameter - fit .25D steeper
Larger Diameter - fit .25D flatter

LENS POWER CALCULATION

FOLLOW THESE STEPS TO CALCULATE THE LENS POWER

SPHERE POWER

1. Convert spectacle Rx to minus cylinder, if needed. (If converting, rotate the axis 90-degrees)
2. Vertex (12mm) spherical component, if greater than + / - 4.00D
3. Using SAMFAP (Steeper Add Minus/Flatter Add Plus) adjust the spherical component in an equal amount to the Flat Meridian BC adjustment.
4. The resultant power is the sphere component.

CYLINDER POWER

1. Subtract the Corneal Cylinder from Refractive Cylinder.
2. The resultant power is the cylinder component.

AXIS

1. Use the original or transposed axis for the final lens power prescription.

DIAMETER

BASE CURVE	DIAMETER
39.75D to 43.00D	9.6mm
43.12D to 47.50D	9.3mm

X·CEL Contacts
A WALMAN COMPANY

Manufactured exclusively in
PARAGON HDS

California 800-342-2724 | Florida 800-432-3838 | Georgia 800-241-9312 | Maryland 800-221-9235 | Minnesota 800-926-6822 | Pennsylvania 800-245-0797 | Washington 800-426-6241

Visions Toric BITORIC FITTING GUIDE

BASE CURVE SELECTION

CORNEAL CYLINDER	FLAT MERIDIAN BASE CURVE	STEEP MERIDIAN BASE CURVE
0.00 to 2.50	Fit Visions UltraThin	
2.62 to 4.75	.50D flatter than Flat K	.50D flatter than Steep K
4.87 to 6.00	.50D flatter than Flat K	.75D flatter than Steep K
6.12 or more	discuss with consultant	

LENS POWER CALCULATION

FOLLOW THESE STEPS TO CALCULATE THE LENS POWER

SPHERE POWER

1. Convert spectacle Rx to minus cylinder, if needed.
2. Vertex (12mm) power component, if greater than + / - 4.00D
3. Add +.50D to the spherical component.

CYLINDER POWER

1. Add the spherical & cylinder components together.
2. Vertex (12mm) resultant cylinder component, if greater than -4.00D
3. Change cylindrical component by +.50D or +.75D according to Steep Meridian Base Curve adjustment.

FINAL LENS POWER

SPHERE: Use the adjusted sphere power from steps 1 through 3 above.

CYLINDER: Convert from drum reading by subtracting the two power components. The resultant power is the final Cylinder Power.

DIAMETER

FLAT BASE CURVE	DIAMETER
39.75D to 43.00D	9.6mm
43.12D to 47.50D	9.3mm

X·CEL Contacts
A WALMAN COMPANY

Manufactured exclusively in
PARAGON HDS