Pinnacle™ Fitting System

Corneal Cylinder		Base C	urve	
Plano to -1.00D		On Flat K		
1.12D to -1.50D		0.25D steeper than Flat K		
1.62D to 2.00D		0.50D steeper	than Flat K	
2.00D to 2.50D		0.75D steeper than Flat K		
2.75D or more		Discuss with Consultant		
Base Curve		Diameter		
	Small	Recommended	Large	
7.10 to 7.38mm	8.7mm	9.0mm	9.3mm	
7.42 to 8.08mm	9.0mm	9.3mm	9.6mm	
8.13 to 8.49mm	9.3mm	9.6mm	9.9mm	
Determine the lens power to be ordered. First, vertex the distance power of the spectacle				
prescription to the corneal plane, if necessary.				
Next adjust for tear layer effects depending on the base curve selected. When fitting steeper than K, compensate for the tear layer effect with minus power. When fitting flatter than K, compensate for the tear layer effect with plus power.				
	Plano to -1.00D 1.12D to -1.50D 1.62D to 2.00D 2.00D to 2.50D 2.75D or more Base Curve 7.10 to 7.38mm 7.42 to 8.08mm 8.13 to 8.49mm Determine the lens power to be ordered prescription to the corneal plane, if necessive prescription to the corneal plane and the steeper than K, compensate for the tear	Plano to -1.00D 1.12D to -1.50D 1.62D to 2.00D 2.00D to 2.50D 2.75D or more Base Curve Small 7.10 to 7.38mm 7.42 to 8.08mm 9.0mm 8.13 to 8.49mm Determine the lens power to be ordered. First, very prescription to the corneal plane, if necessary. Next adjust for tear layer effects depending on the steeper than K, compensate for the tear layer effects.	Plano to -1.00D On Flate 1.12D to -1.50D O.25D steeper 1.62D to 2.00D O.50D steeper 2.00D to 2.50D O.75D steeper 2.75D or more Discuss with a Small Recommended Small Recommended 7.10 to 7.38mm 8.7mm 9.0mm 9.3mm 9.0mm 9.3mm 8.13 to 8.49mm 9.3mm 9.6mm Determine the lens power to be ordered. First, vertex the distance prescription to the corneal plane, if necessary. Next adjust for tear layer effects depending on the base curve select steeper than K, compensate for the tear layer effect with minus power steeper 1.00 to 0.25D steeper 1.00 to 0.25D steeper 1.00 to 0.50D steeper 1.00 to 0.75D	

This nomogram is based on using the recommended diameter.

Pinnacle™ Problem Solving Grid

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Lens Riding High	Steepen Base Curve by .50 D		
Lens kiding right	Reduce Diameter by .3 mm		
Lens Riding Low	Movement with Blink	Steepen Base Curve by .50 D	
		Increase Diameter by .3mm	
	No Movement	Flatten Base Curve by .50 D	
		Decrease Diameter by .3 mm	
Excessive Movement	Steepen Base Curve by .50 D		
Excessive Movement	Increase Diameter by .3 mm		
Restricted Movement	Flatten Base Curve by .50 D		
	Decrease Diameter by .3 mm		
Bubbles	Centrally	Flatten Base Curve by .50 D	
		Decrease Diameter by .3 mm	
	Peripherally	Decrease Edge Lift by 1.00mm	
		Increase Diameter by .3mm	
Too Much Edge Lift	Reduce Edge Lift (Medium to		
	Steep, Flat to Medium)		
	Increase Diameter by .3 mm		
Not Enough Edge Lift	Increase Edge Lift (Mediumt		
	to Flat, Steep to Medium)		

^{*}Smaller diameter – fit 0.25D steeper

^{*} Large diameter – fit 0.25D flatter