

September 17, 2006

INSTRUCTIONS FOR THE EYE TALK “LENS DIAMETER WHEEL”

Problems will occur if practice staff do not accurately calculate the minimum lens diameter that is needed for a particular frame size when combined with the patient’s PD.

While it is relatively easy to work this out, experience shows that many people fail to do so. The result is that stock lenses are charged, but grind lenses need to be supplied. Or that the resulting lenses are unnecessarily thick?

The Eye Talk “Lens Diameter Wheel” is calibrated to make this calculation easily:

- Can a stock lens be used for this patient?
- If so, what is the minimum stock diameter in order to get the thinnest result after fitting?
- Will a grind lens blank size be big enough for this patient in this frame?

Example: PD is 64, in a 52/18 frame with a longest meridian of 54?

1. Set PD to the longest frame meridian.
2. Set Frame size to bridge size.
3. Read the result ... 61 mm

