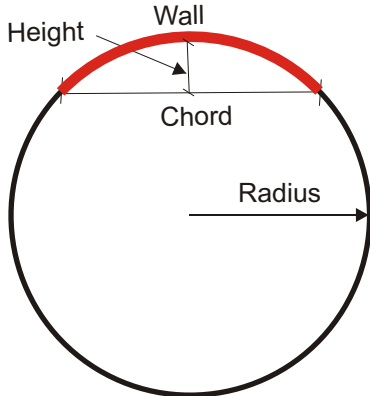
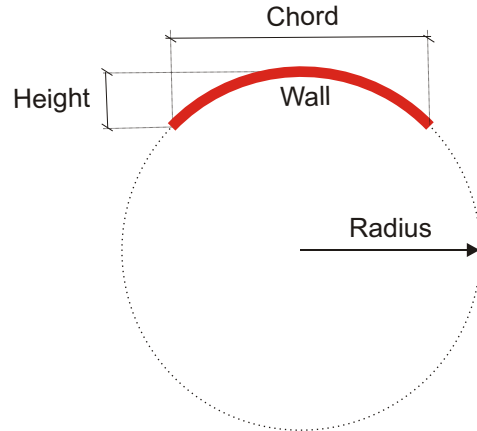




Getting The Radius From a Wall



Inside Curve



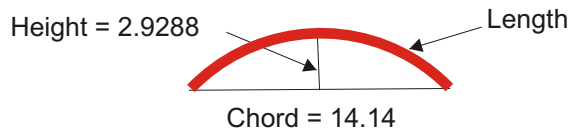
Outside Curve

$$\text{Radius} = \frac{\left(\frac{\text{Chord}}{2}\right)^2 + \left(\text{Height}\right)^2}{2 \times \text{Height}}$$

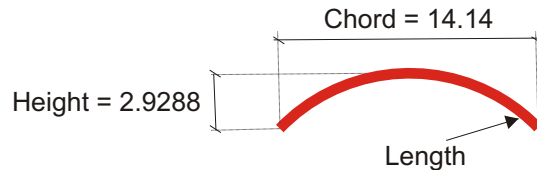
$$\text{Length} = 2 \times \text{Radius} \times \text{ASIN}\left(\frac{\text{Chord}}{2 \times \text{Radius}}\right)$$

Example:

Inside Curve



Outside Curve



$$\text{Radius} = \frac{\left(\frac{14.14}{2}\right)^2 + \left(2.9288\right)^2}{2 \times 2.9288}$$

$$\text{Length} = 2 \times 10 \times \text{ASIN}\left(\frac{14.14}{2 \times 10}\right)$$

Radius = 9.9969 Radius ~ 10

Length = 15.7049 Length ~ 15.70

Hyde Park Mouldings, Inc. only manufactures to templates and radii.