



R = RADIUS  
 BW = BELT WIDTH TO TENSION LINK  
 D1 = DIAGONAL INSIDE EDGE  
 D2 = DIAGONAL OUTSIDE EDGE OR TENSION LINKS  
 A1 = ARC LENGTH AROUND INSIDE TURN RAIL  
 A2 = ARC LENGTH AROUND OUSIDE EDGE OF BELT  
 OR ALONG TENSION LINK

TO CALCULATE RADIUS

$$R = \frac{BW \times A1}{A2 - A1} \quad \text{OR} \quad R = \frac{BW \times D1}{D2 - D1}$$

TO CALCULATE ANGLE

$$ANG = \frac{57.296 \times A1}{R}$$