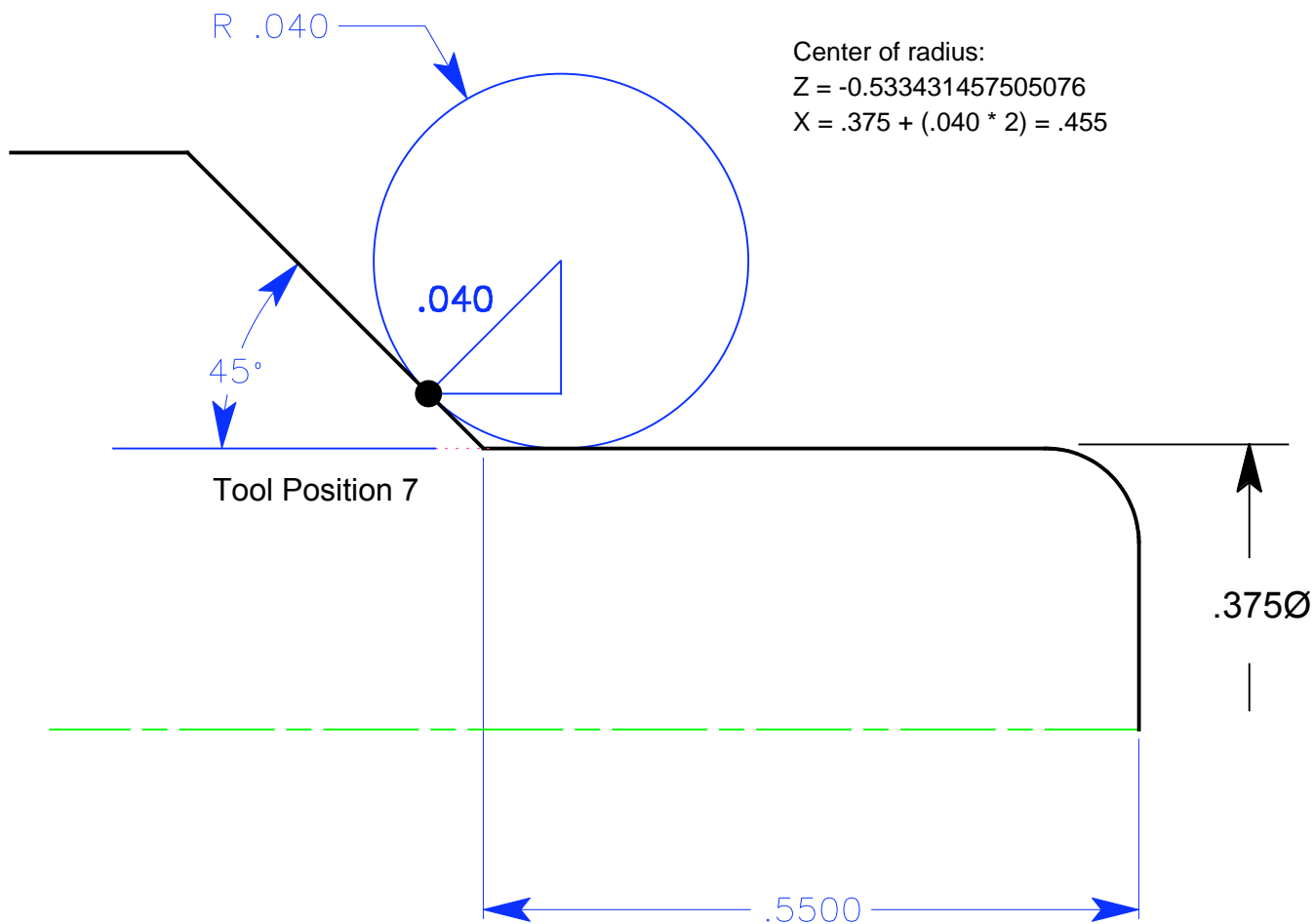


$$\begin{aligned}\tan 67.5 &= .04/Z \\ z &= 0.04/\tan(67.5) = 0.016568542494924 \\ \text{pos 6 Z} &= -0.5500 + 0.016... = -0.533431457505076 = -0.5334\end{aligned}$$



$$180 - 90 - 45 = 45$$

$$\cos 45 = Z / 0.040$$

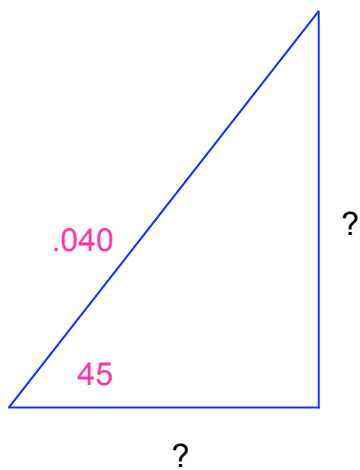
$$Z = \cos 45 * 0.040 = 0.028284271247462$$

$$\text{Position } Z = -0.533431457505076 - 0.028284271247462 = -0.561715728752538 = -0.5617$$

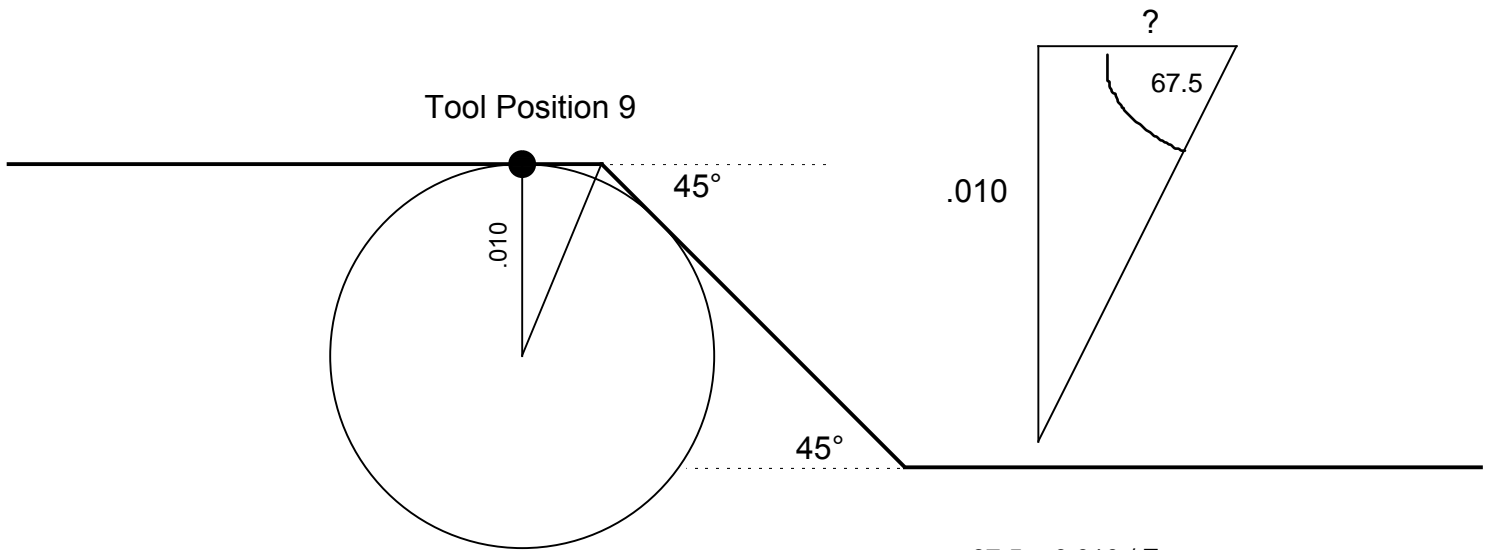
$$\sin 45 = X / 0.04$$

$$X = \sin 45 * 0.04 = 0.028284271247462$$

$$\text{Position } X = .455 - (0.028284271247462 * 2) = 0.398431457505076 = 0.3984$$

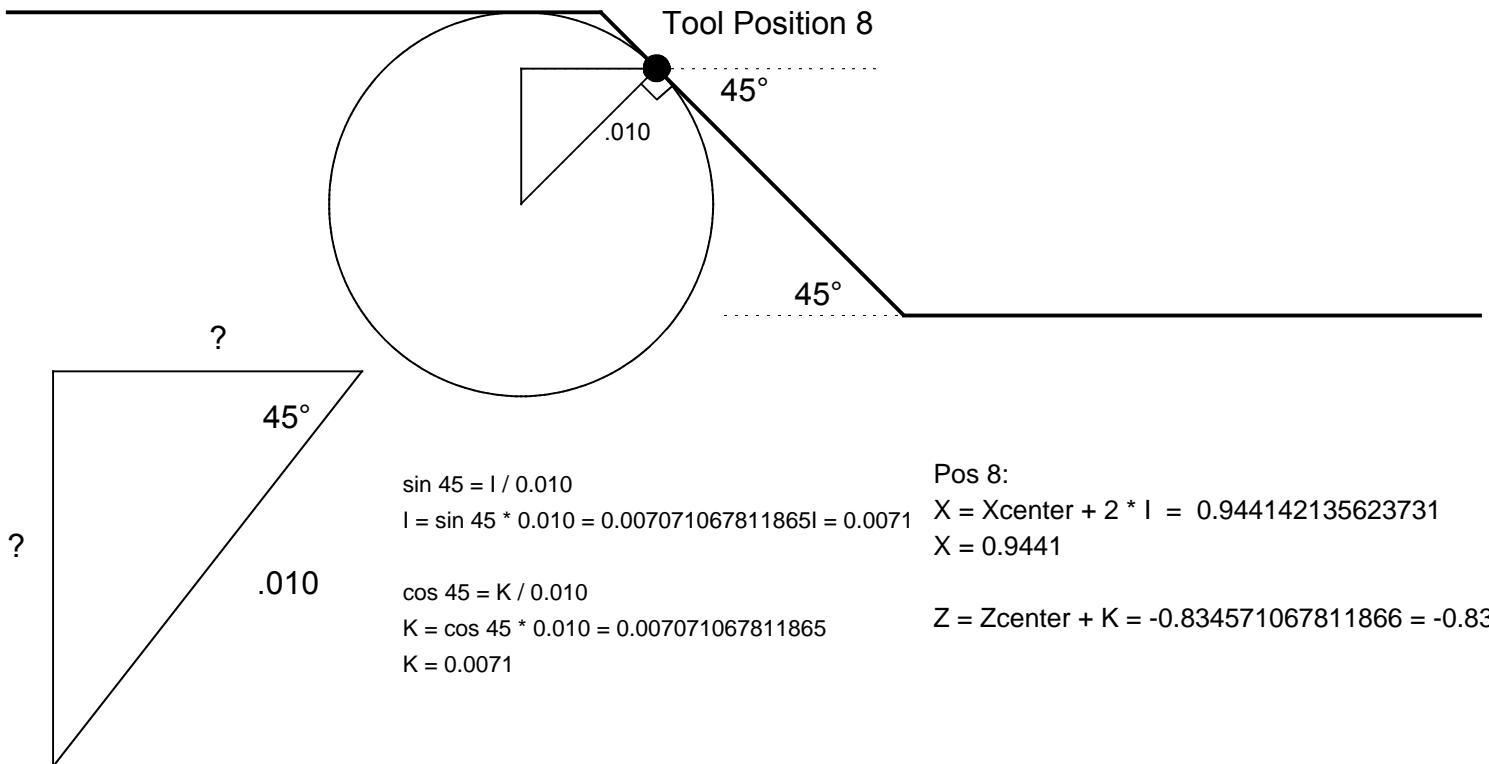


$$(180 - 45) / 2 = 67.5$$



$$\begin{aligned} X \text{ center} &= .95 - .010 * 2 = 0.9300 \\ Z \text{ center} &= -0.8375 - 0.004142135623731 = \\ &= -0.841642135623731 = -0.8416 \end{aligned}$$

$$\begin{aligned} \tan 67.5 &= 0.010 / Z \\ Z &= 0.010 / \tan 67.5 = 0.004142135623731 \end{aligned}$$



$$\begin{aligned} \sin 45 &= I / 0.010 \\ I &= \sin 45 * 0.010 = 0.0070710678118651 = 0.0071 \\ \cos 45 &= K / 0.010 \\ K &= \cos 45 * 0.010 = 0.007071067811865 \\ K &= 0.0071 \end{aligned}$$

$$\begin{aligned} \text{Pos 8:} \\ X &= X_{\text{center}} + 2 * I = 0.944142135623731 \\ X &= 0.9441 \\ Z &= Z_{\text{center}} + K = -0.834571067811866 = -0.8346 \end{aligned}$$