$$x_{2} := \frac{-b_{0} - \sqrt[2]{b_{0}^{2} - 4 a_{0} \cdot c_{0}}}{2 a_{0}} = -169.253 \ \textit{mm}$$

$$x_{S} := x_{1}$$

$$y_{S} := \tan\left(\frac{-\pi}{4}\right) \cdot x_{1} + q = -169.253 \ \textit{mm}$$

$$h_{s} := \sqrt[2]{\left(x_{S} - x_{A}\right)^{2} + \left(y_{S} - y_{A}\right)^{2}} = 312.899 \ \textit{mn}$$

$$NU := h_{s} - \frac{d_{1}}{2} = 209.399 \ \textit{mm}$$

$$NV := \frac{NU}{3} \frac{a + 2 b}{a + b} = 88.224 \ \textit{mm}$$

$$UV := NU - NV = 121.175 \ \textit{mm}$$

 $x_2 \coloneqq \frac{-b_0 - \sqrt[2]{b_0^2 - 4 \ a_0 \cdot c_0}}{2 \ a_0} = -169.253 \ \textit{mm}$

 $a_0 \coloneqq 1 + \tan\left(\frac{-\pi}{4}\right)$

 $b_0 = 2 \tan\left(\frac{-\pi}{4}\right) q$

 $c_0 \coloneqq q^2 - h^2$

 $q \coloneqq y_A - \tan\left(\frac{-\pi}{4}\right) x_A$

$$x_1 \coloneqq \frac{}{2 \ a_0} = 272.753 \ \textit{mm}$$
 $x_2 \coloneqq \frac{-b_0 - \sqrt[2]{b_0^2 - 4 \ a_0 \cdot c_0}}{2 \ a_0} = -169.253 \ \textit{mn}$
 $x_S \coloneqq x_1$

 $x_1 \coloneqq \frac{-b_0 + \sqrt[2]{b_0^2 - 4 \ a_0 \cdot c_0}}{2 \ a_0} = 272.753 \ \mathbf{mm}$

 $y_S := \tan\left(\frac{-\pi}{4}\right) \cdot x_1 + q = -169.253 \ mm$ $h_s := \sqrt[2]{(x_S - x_A)^2 + (y_S - y_A)^2} = 312.899 \ mm$