



$$r^2 = x^2 + \left(\frac{h}{2}\right)^2 = x^2 + \frac{1}{4}h^2$$

$$\Rightarrow x^2 = r^2 - \frac{1}{4}h^2 \Rightarrow x = \sqrt{r^2 - \frac{1}{4}h^2}$$