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Opgave 005

$$A = 5 \text{ mm}^3$$

$$h = 50 \text{ mm}$$

$$A = \pi \cdot h \cdot r^2$$

$$\frac{A}{\pi \cdot h} = r^2 \quad | \text{Diverder med } \pi h$$

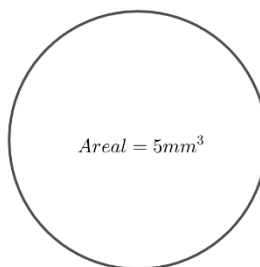
$$r = \sqrt{\frac{A}{\pi \cdot h}} \quad | \text{Kvrod}$$

$$r = \sqrt{\frac{5}{\pi \cdot 50}} \quad | \text{Indsæt tal}$$

$$r = \sqrt{\frac{5}{157.08}} \quad | \text{Gange}$$

$$r = \sqrt{0.032} \quad | \text{Brøk}$$

$$r = 0.179 \text{ mm} \quad | \text{Kvrod}$$



$h = 5 \text{ cm} = 50 \text{ mm}$

$$\varnothing = 2r$$

$$\varnothing = 2 \cdot 0.179 \quad | \text{Indsæt tal}$$

$$\varnothing = 0.358 \text{ mm} \quad | \text{Gange}$$