P. According to the kinetic energy:

$\frac{1}{2}kx^2 = \frac{1}{2}mv^2$

$t = \sqrt{\frac{2h}{g}}$ (which is a constant number)

$S = v \cdot t$.

$\therefore v = \sqrt{\frac{k}{m}} \cdot x$

$\therefore S = \sqrt{\frac{2hk}{m}} \cdot x$

$\sqrt{\frac{2hk}{m}}$ can be seen as $\mu$

$\therefore S = \mu x$

$\mu = \frac{S}{x} = \frac{2.2 - 0.27}{0.011} \approx 175.45$

$\therefore x = \frac{S_{full}}{\mu} = \frac{2.2}{175.5} = 0.0125m$

It's 1.2cm.