Enter data provided from question:

$$
E:=1.3 \cdot 10^{11} \cdot P a \quad L:=2 \mathrm{~m} \quad D:=0.28 \mathrm{~mm} \quad P:=15 \mathrm{~N}
$$

Calculate cross sectional area:

$$
A:=\frac{\pi \cdot D^{2}}{4}=0.062 \mathrm{~mm}^{2}
$$

Then calculate extension of wire:

$$
\delta:=\frac{P \cdot L}{E \cdot A}=3.748 \mathrm{~mm}
$$

