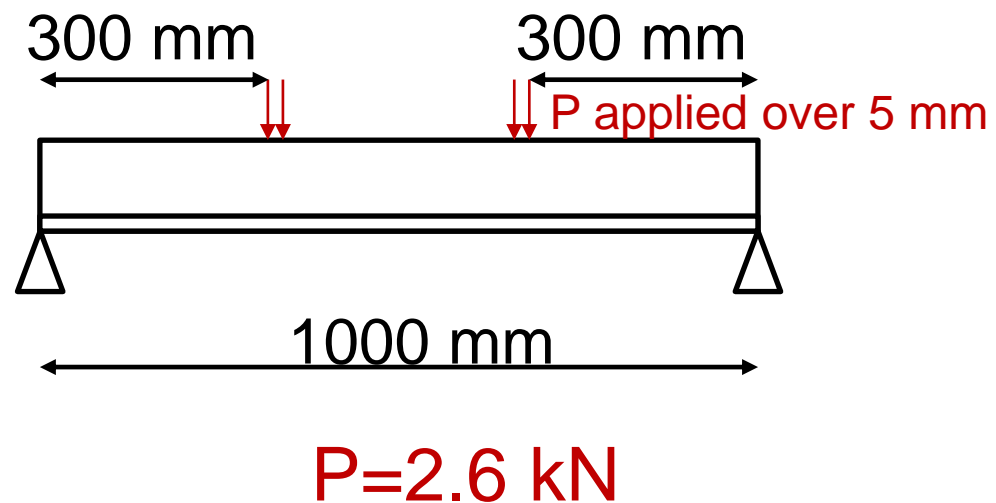
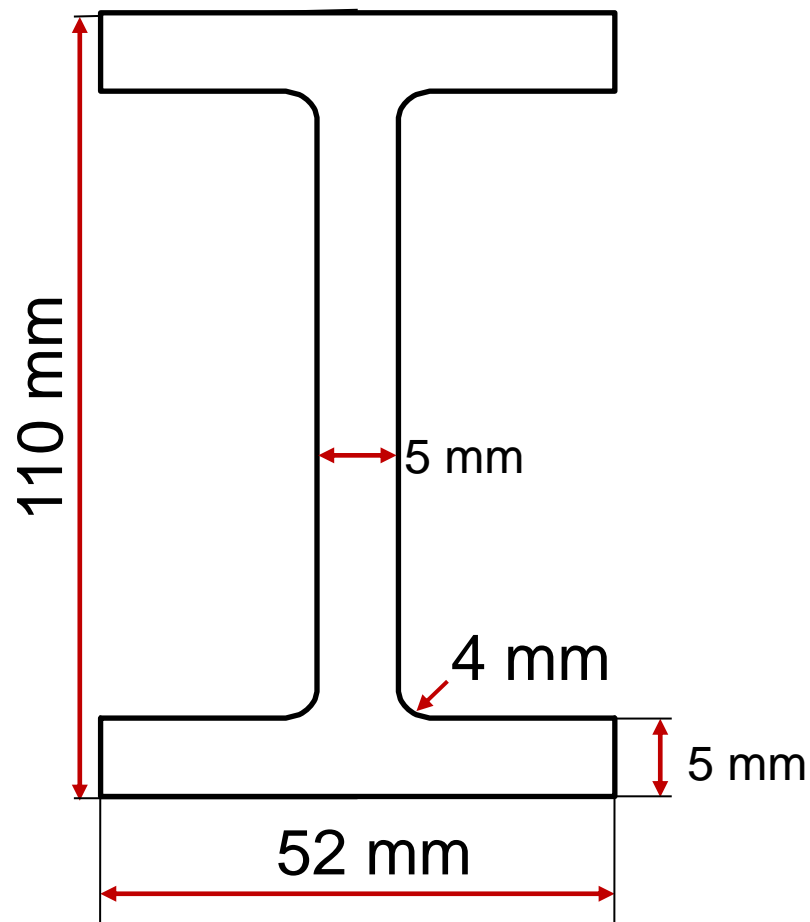


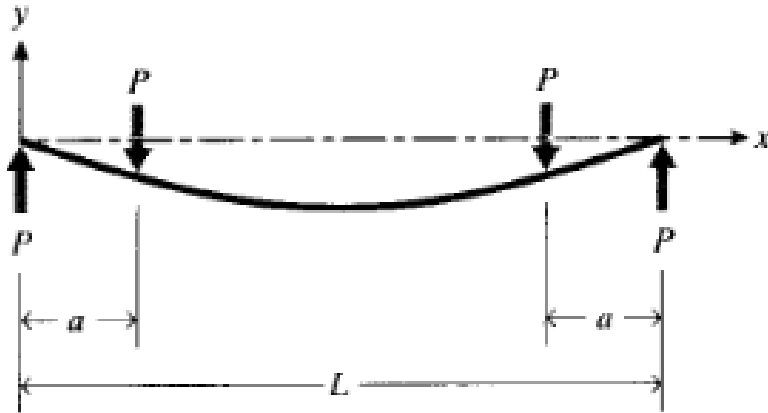


Finite Element Simulation For Mechanical Design



Exercise: a beam... again!





$$\delta_{max} = \frac{Pa}{24EI} (3L^2 - 4a^2)$$

$$\sigma_{max} = \frac{Pa}{I} \cdot \frac{h}{2}$$