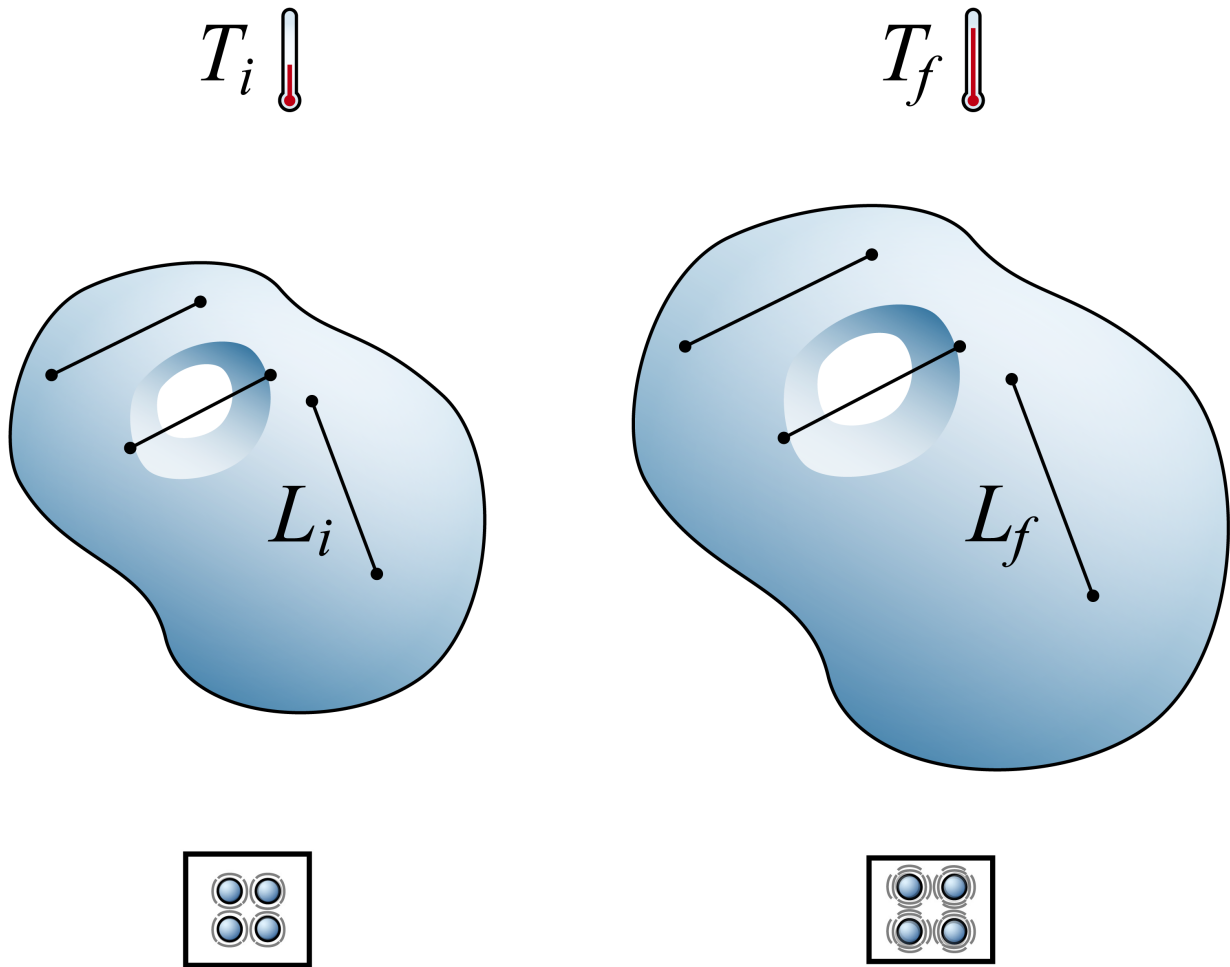


Thermal expansion



$$L_f = L_i + \alpha L_i (T_f - T_i)$$

$$\Delta L = \alpha L_i \Delta T$$

α – coefficient of linear expansion at T_i

$$[\alpha] = \frac{1}{\text{C}^\circ}$$