① Potência: Watt [W]

$$P = \frac{E}{t} \Rightarrow [P] = \frac{[E]}{[t]} = \frac{[J]}{[s]} = \frac{[kg] \cdot [m]^2}{[s]^3}$$

Pressão: Pascal [Pa]

$$P = \frac{F}{A} \Rightarrow [P] = \frac{[F]}{[A]} = \frac{[kg]}{[s]^2} \cdot \frac{[m]}{[m^2]} = \frac{[kg]}{[m]\,[s]^2}$$

Módulo de elasticidade: Pascal [Pa]

$$E = \frac{\sigma}{\epsilon} \Rightarrow [E] = \frac{[\sigma]}{[\epsilon]} = [Pa] = \frac{[kg]}{[m]\,[s]^2}$$

Energia: Joule [J]

$$E = F \cdot d \Rightarrow [E] = [F] \cdot [d] = \frac{[Kg] \cdot [m]}{[s]^2} \cdot [m] = \frac{[Kg] \cdot [m]^2}{[s]^2}$$

Momento: Newton metro [N] [m]

$$M = F \cdot d \Rightarrow [M] = [F] \cdot [d] = \frac{[Kg] \cdot [m]^2}{[s]^2}$$

Tensão de cisalhamento: Pascal [Pa]

$$\tau = \frac{F}{A} \Rightarrow [\tau] = \frac{[F]}{[A]} = \frac{[kg]}{[m]\,[s]^2}$$