

$$\tau_{ND} := \frac{3}{2} \frac{\frac{Q}{\sqrt{2}} \cos\left(\psi + \frac{\pi}{4}\right)}{b \cdot \left(\sqrt{\left(\frac{e_1}{2}\right)^2 + h^2} - \frac{d_1}{2} \right)} = 1.079 \frac{\text{kgf}}{\text{mm}^2}$$

$$\tau_{Ir} := \frac{3}{2} \frac{\frac{Q}{\sqrt{2}} \cos\left(\psi + \frac{\pi}{4}\right)}{b \cdot I_r} = 1.327 \frac{\text{kgf}}{\text{mm}^2}$$