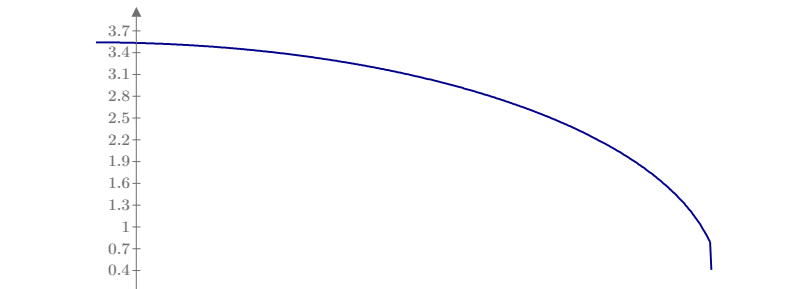
$$\tau_z\left(y_{br}\right) := \frac{\tau_{zym}\left(y_{br}\right)}{\cos\left(\alpha\left(y_{br}\right)\ \textbf{deg}\right)}$$



$\tau_z\left(y_{br}\right)$ $\left(\frac{\textbf{kgf}}{\textbf{mm}^2}\right)$

$\tau_z(0) = 3.534\ \frac{\textbf{kgf}}{\textbf{mm}^2}$ $\tau_z\left(-\left(h - y_G\right)\right) = 3.542\ \frac{\textbf{kgf}}{\textbf{mm}^2}$