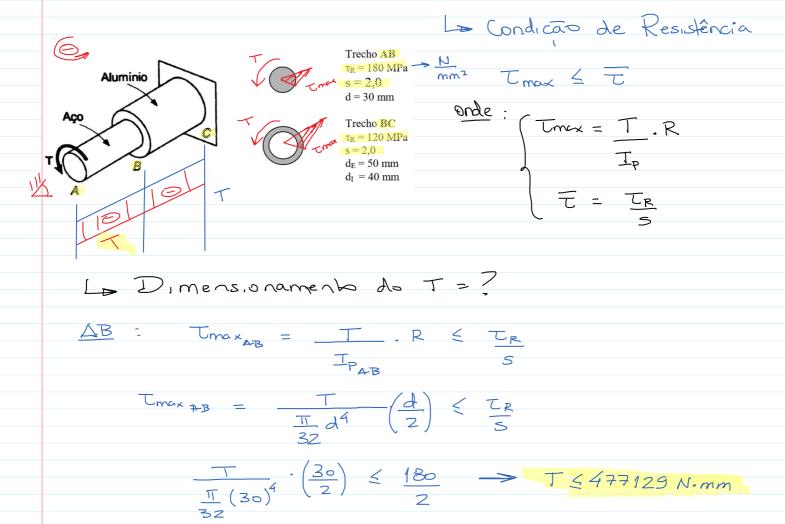
6) Qual o máximo momento Y que pode ser aplicado ao eixo do desenho abaixo?



$$\frac{T_{\text{max}_{BC}}}{\frac{\pi}{32}(d_{\text{E}}^{4}-d_{\text{I}}^{4})} \cdot \frac{d_{\text{E}}}{2} \leqslant \frac{T_{\text{R}}}{5}$$

$$\frac{T}{\frac{\pi}{3z}} \left(50^{4} - 40^{4}\right) \left(\frac{50}{z}\right) \leq \frac{120}{2} \rightarrow T \leq 869435, 8 \text{ N·mm}$$