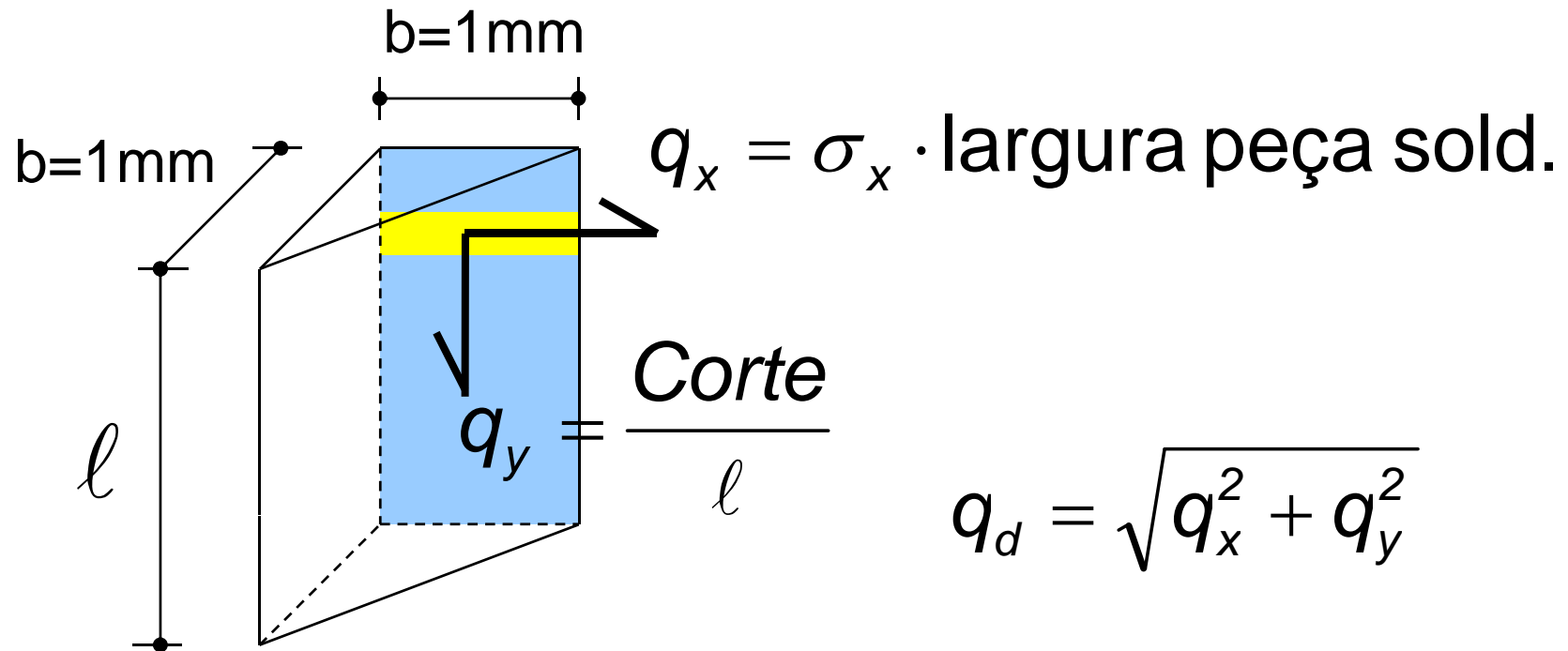


LIGAÇÕES SOLDADAS

TRAÇÃO E CORTE NO FILETE



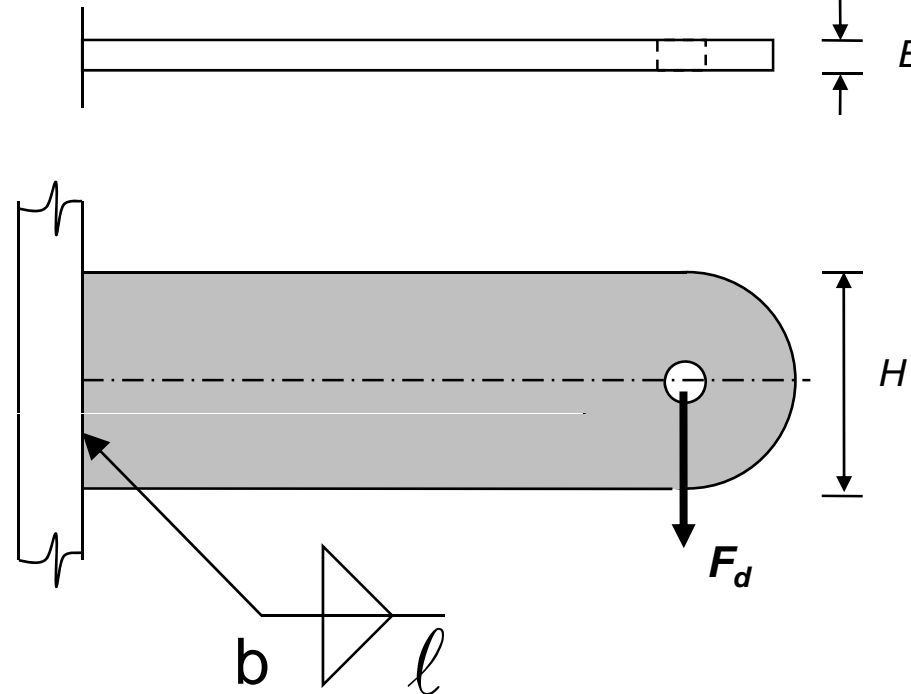
$$\frac{R_d}{l} \geq \frac{F_d}{l} = q_d$$

LIGAÇÕES SOLDADAS

TRAÇÃO E CORTE NO FILETE



2 filetes:



$$q_x = \frac{1}{2} (\sigma_x B) = \frac{1}{2} \frac{M_d y}{I_z} B$$

$$q_y = \frac{V_d}{2l}$$

$$q_d = \sqrt{q_x^2 + q_y^2}$$

$$\frac{R_d}{l} \geq q_d$$