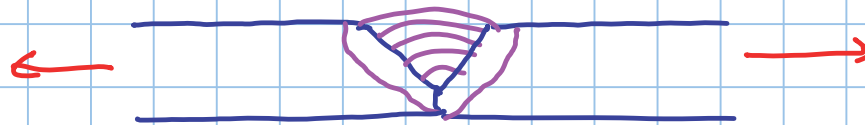
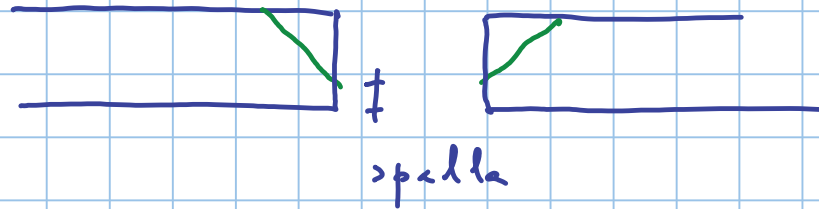


SALDATE

Titolo nota

09/01/2019

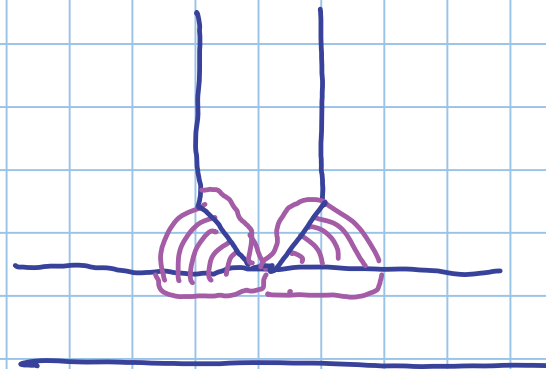
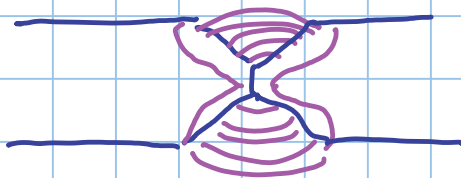


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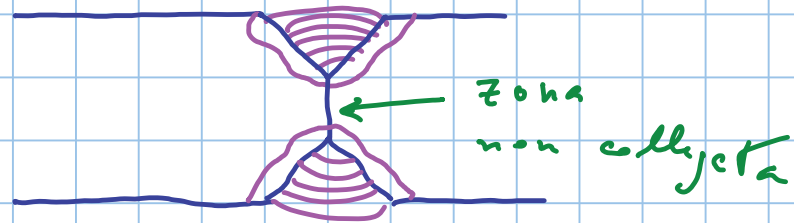
A COMPLETA

PENETRAZIONE

CANFRINO



vite laterale

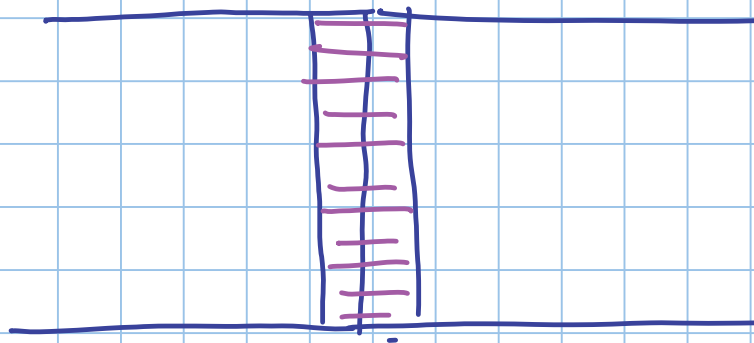


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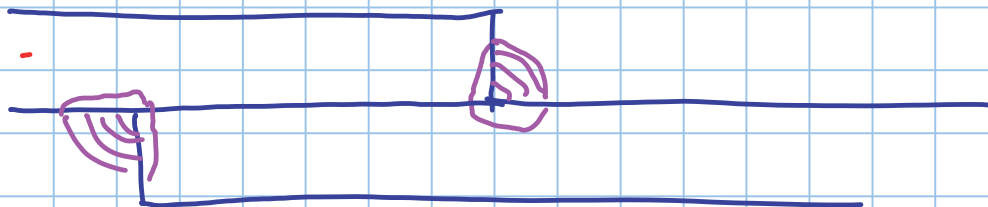
A PARZIALE

PENETRAZIONE

vite in piastra



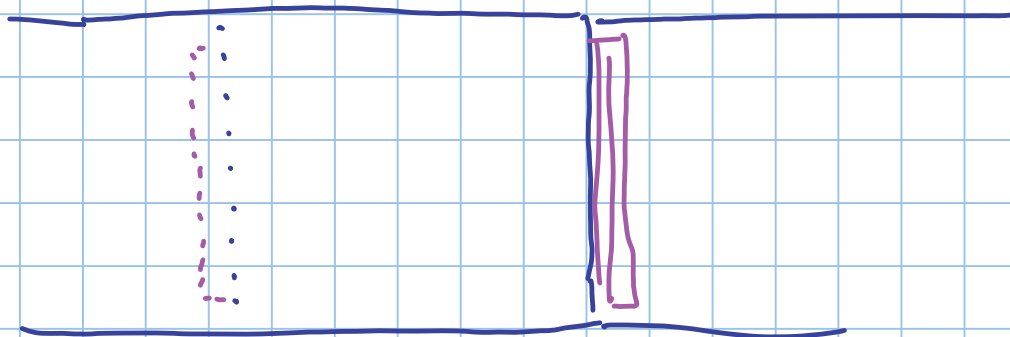
vista laterale



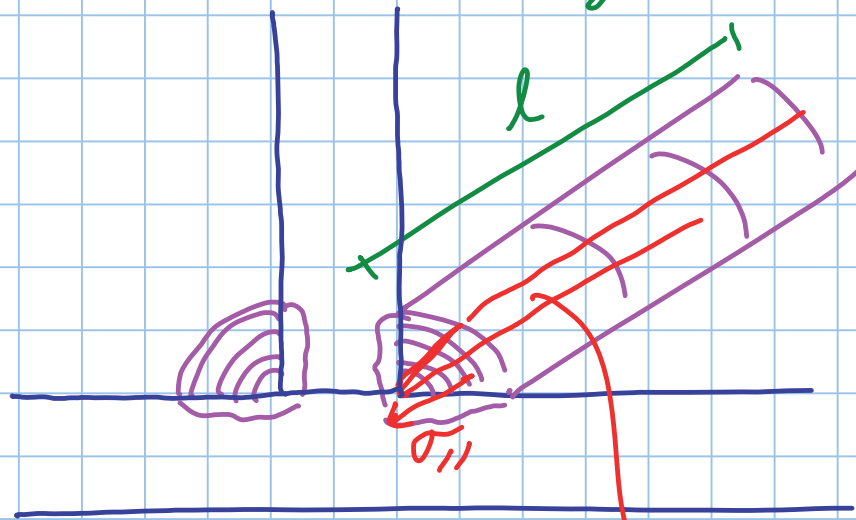
SALDATURA

A CORDONE

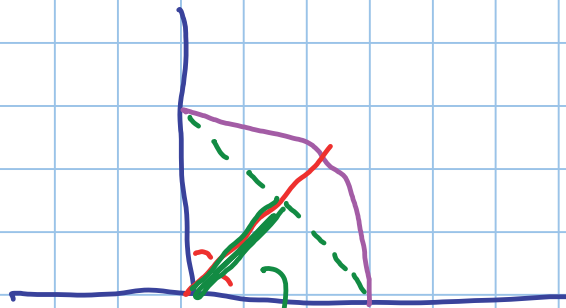
D'ANGOLO



lunghezza del cordone

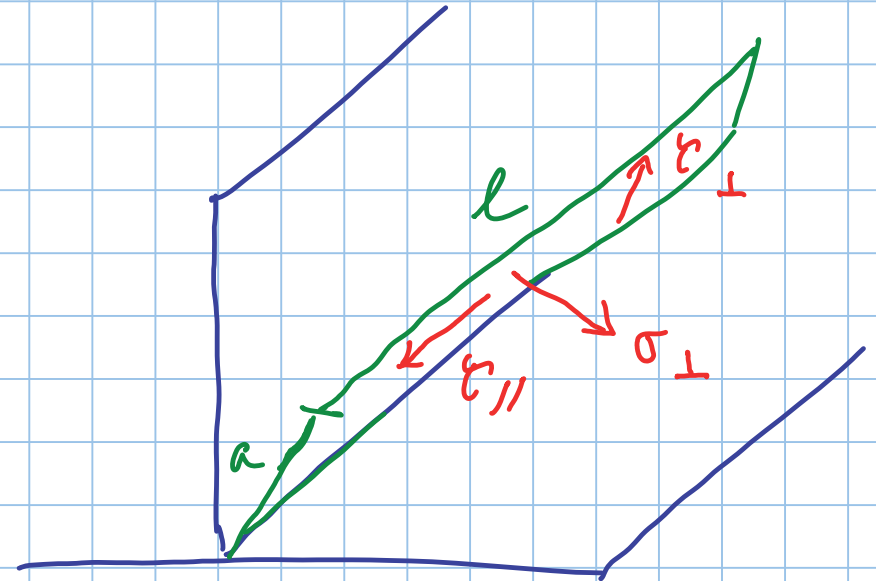
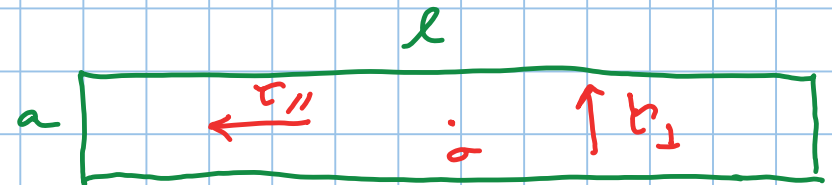


piano di gola

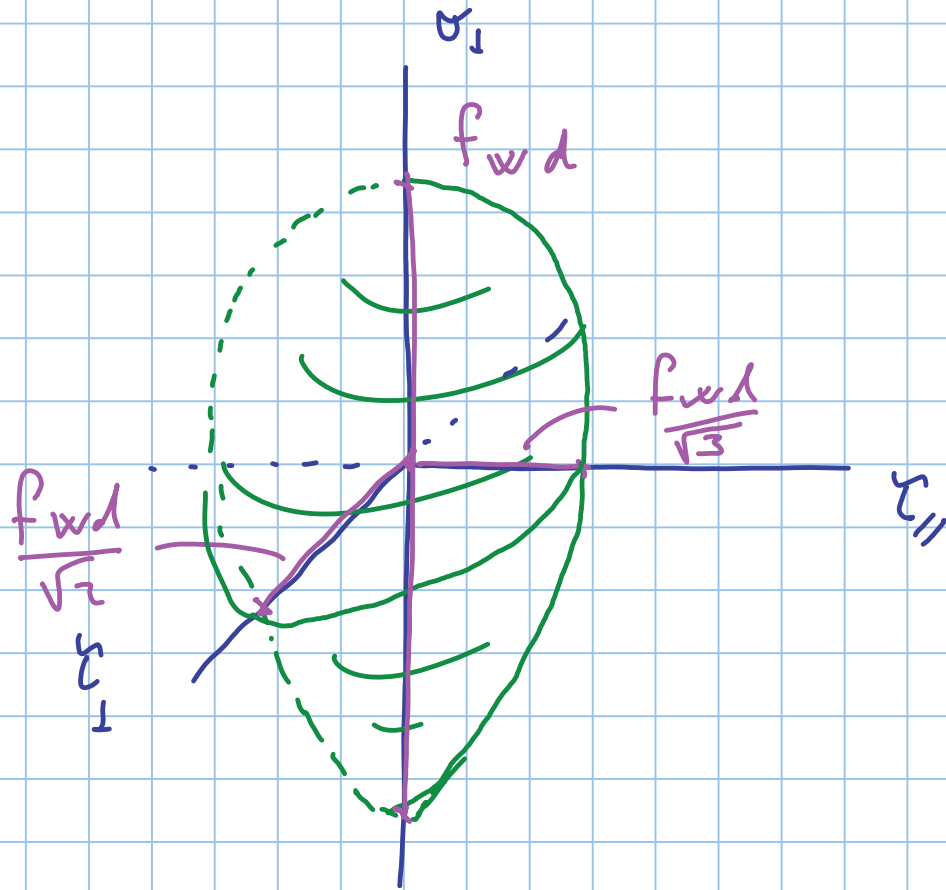


a altezza di gola

cordone di saldatura



PEROIDE



welding = saddle time

$$\sigma_{\perp}^2 + 2 \tau_{\perp}^2 + 3 \tau_{\parallel}^2 \leq f_{wd}^2$$

ellipsoids directions

$$\sigma_{\perp}^2 + 3 (\tau_{\perp}^2 + \tau_{\parallel}^2) \leq f_{wd}^2$$

sphere

$$\sigma_{\perp}^2 + \tau_{\perp}^2 + \tau_{\parallel}^2 \leq \left(\frac{f_{wd}}{\sqrt{3}} \right)^2$$

$$f_{v,wd} = \frac{f_{wd}}{\sqrt{3}}$$

$$f_{wd} = \frac{f_u}{\beta_w \gamma_{m2}}$$

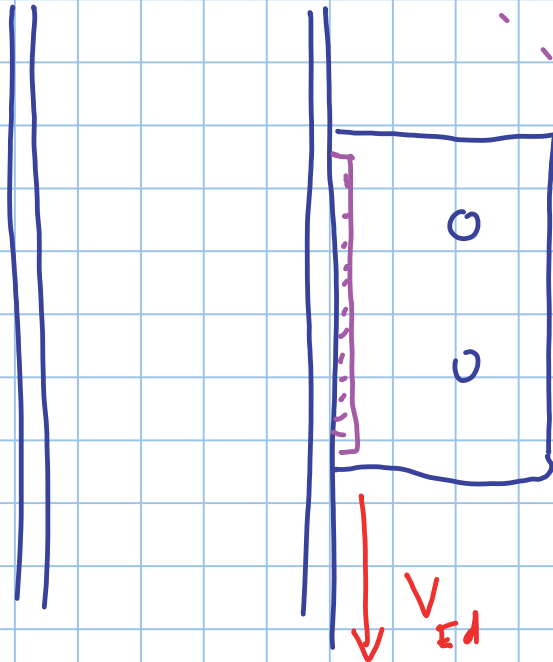
$$\beta_w = 0.80 \quad \text{per S235}$$

$$0.85 \quad \text{S275}$$

$$0.90 \quad \text{S355}$$

$$f_{v,wd} = \frac{f_u / \sqrt{3}}{\beta_w \gamma_{m2}}$$

2 condani (dei due lati)



$$\frac{V_{Ed}}{2 a l} \leq f_{v,wd}$$

$$\tau_{||} = \frac{V_{Ed}}{2 a l}$$

$$\tau_{||}^2 \leq f_{v,wd}^2$$

fun

$$\cancel{\sigma_{\perp}^2} + 3 \left(\cancel{\tau_{\perp}^2} + \tau_{||}^2 \right) \leq f_{wd}^2$$

ellipsoid

$$\tau_{||}^2 \leq \left(\frac{f_{wd}}{\sqrt{3}} \right)^2$$