

$$N = 3000 \text{ KN}$$

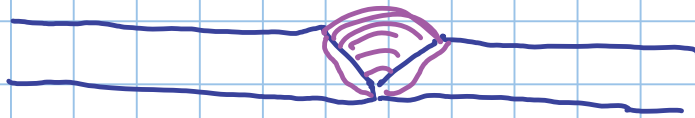
$$\sigma_c = 10 \text{ MPa}$$

$$A_c \geq \frac{3000 \times 10^3}{10} = 3000 \times 10^2 \text{ mm}^2$$

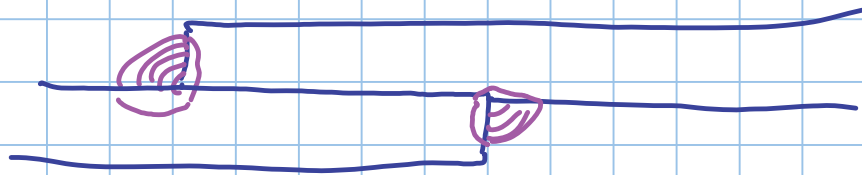
$$= 3000 \text{ cm}^2$$

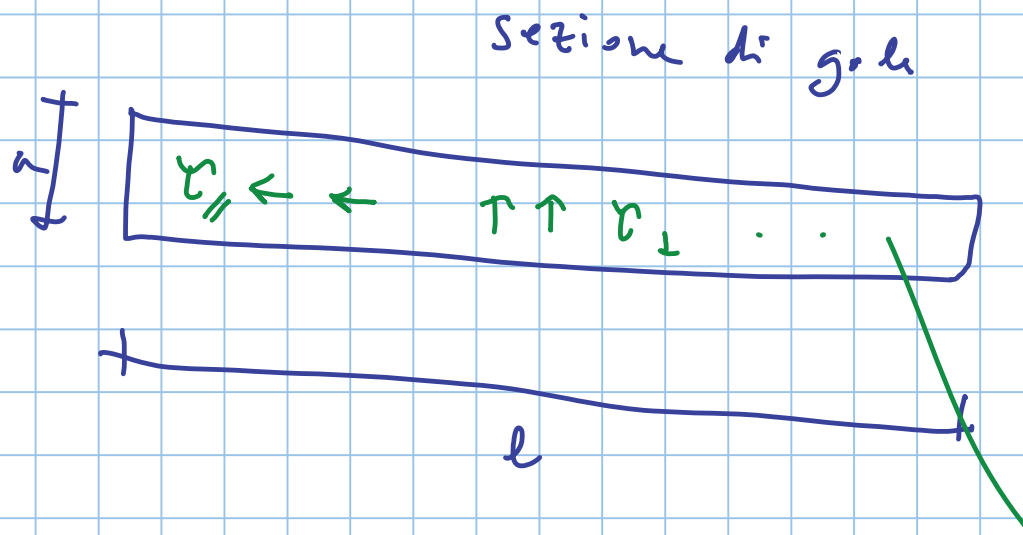
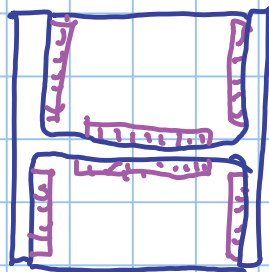
$$55 \times 55$$

SALDATURE



COMPLETA PENETRAZIONE



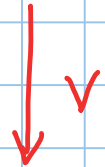
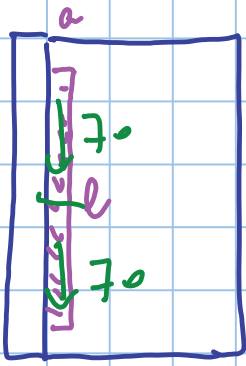


2 condan.

$$l = 180 \text{ m}$$

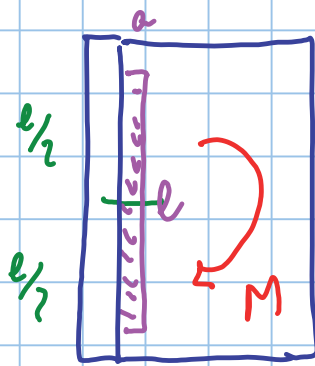
$$V = 140 \text{ kN}$$

$$M = 16.8 \text{ kNm}$$



σ

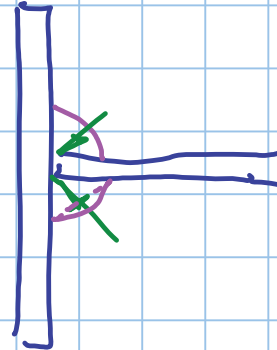
2 condan.



=

$$F = \frac{16.8}{0.09} = 186.7 \text{ kN}$$

$$F = \frac{M}{l/2}$$



$$F/\sqrt{2}$$

S275

$$f_{vwd} = \frac{430/\sqrt{3}}{0.85 \times 1.25} = 233.7 \text{ MPa}$$

σ

$$R = \sqrt{70^2 + 186.7^2} = 199.4 \text{ kN}$$

su 2 mezzi condan.

metr. esanti
" distro. sup. (oppure inf.)

$$f_{vwd} = 233.7 \text{ MPa}$$

$$R = 199.4 \text{ kN}$$

$$l = 180 \text{ mm}$$

$$a = ?$$

$$\frac{R}{a l} \leq f_{vwd}$$

/
punch l?

$$2 \cdot \frac{l}{2}$$

↓
maxi colonne

↓
nút l

$$a \geq \frac{R}{l f_{vwd}}$$

$$= \frac{199.4 \times 10^3}{180 \times 233.7}$$

$$= 4.7 \text{ mm}$$

↓

$$a = 5 \text{ mm}$$

$$F_{v,rd} = a l f_{vwd} = 5 \times 180 \times 233.7 = 210.3 \text{ kN} (> R)$$

phối phần

$$F = 140 \times \frac{210.3}{199.4} = 147.7 \text{ kN}$$

U	D	T
Q	C	S
S	O	

1 a 9

same comm.

in right
column
diagonal