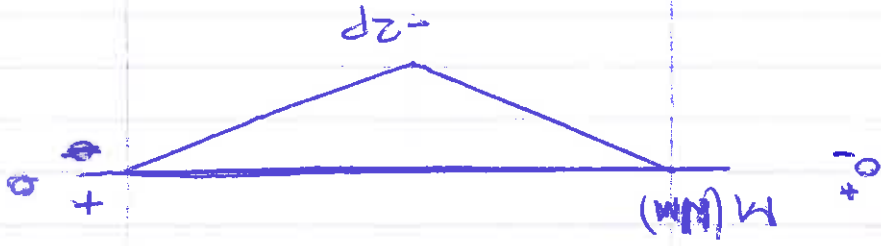
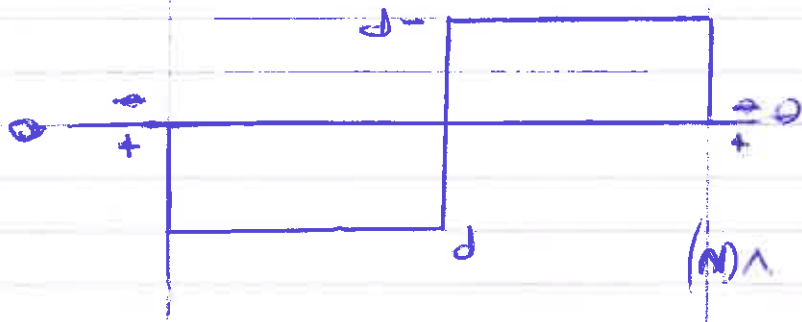
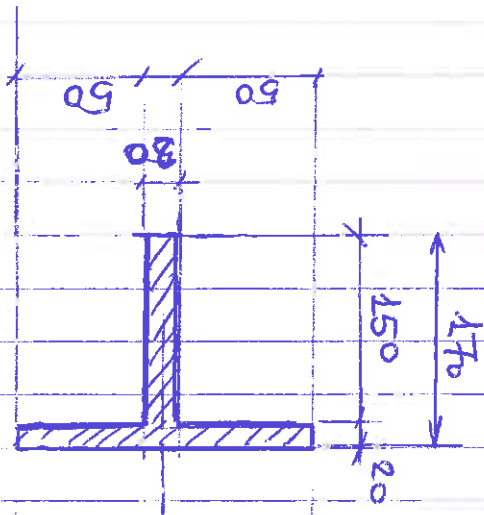
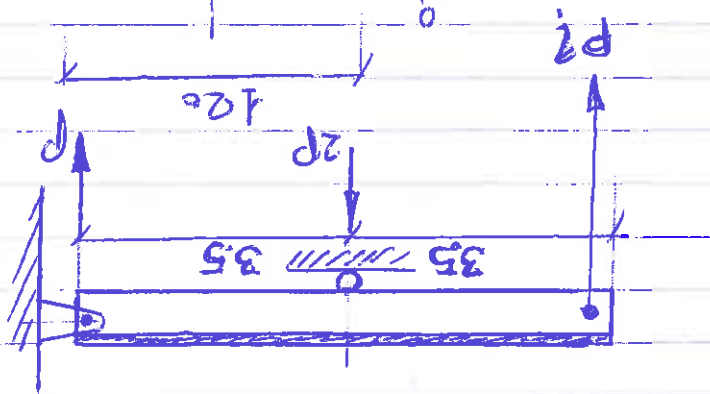
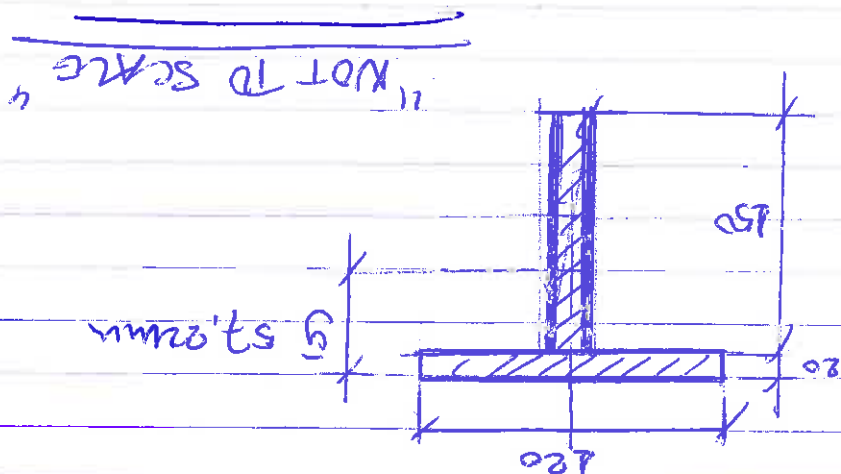


"Gedruckte Kette"

MAXIMALE BELASTUNG





$$P = 90(10^6) \left(\frac{15.3383(10^{-6})(0.02)}{0.127168(10^{-3})} \right) = 217156 = 217 \text{ kN}$$

$$\text{Distortion: } V = \frac{I}{I_c} (q_{max})$$

$$H = \frac{P}{2} = 145(10^3) = 145 \text{ kN}$$

$$P = 9520 \text{ N} = 9.52 \text{ kN}$$

PRO MATH:

$$S = \frac{I}{I_c} = \frac{15.3383(10^{-6})}{(0.170 - 0.05722)} = 0.136005(10^{-3}) \text{ m}^3$$

$$15.3383(10^{-6}) \text{ m}^4$$

$$\frac{1}{12} (0.02)(0.15)^3 + 0.15(0.02)(0.095 - 0.05722)^2 =$$

$$I_{x-x} = \frac{1}{12} (0.12)(0.02)^3 + 0.12(0.02)(0.05722 - 0.01)^2 +$$

$$(q_{max} = y'A' = (0.05638)(0.02)(0.170 - 0.05722) = 0.127168(10^{-3}) \text{ m}^3$$

$$\bar{y} = \frac{(10)(120)(20) + (95)(150)(20)}{120(20) + 150(20)} = 57.22 \text{ mm}$$