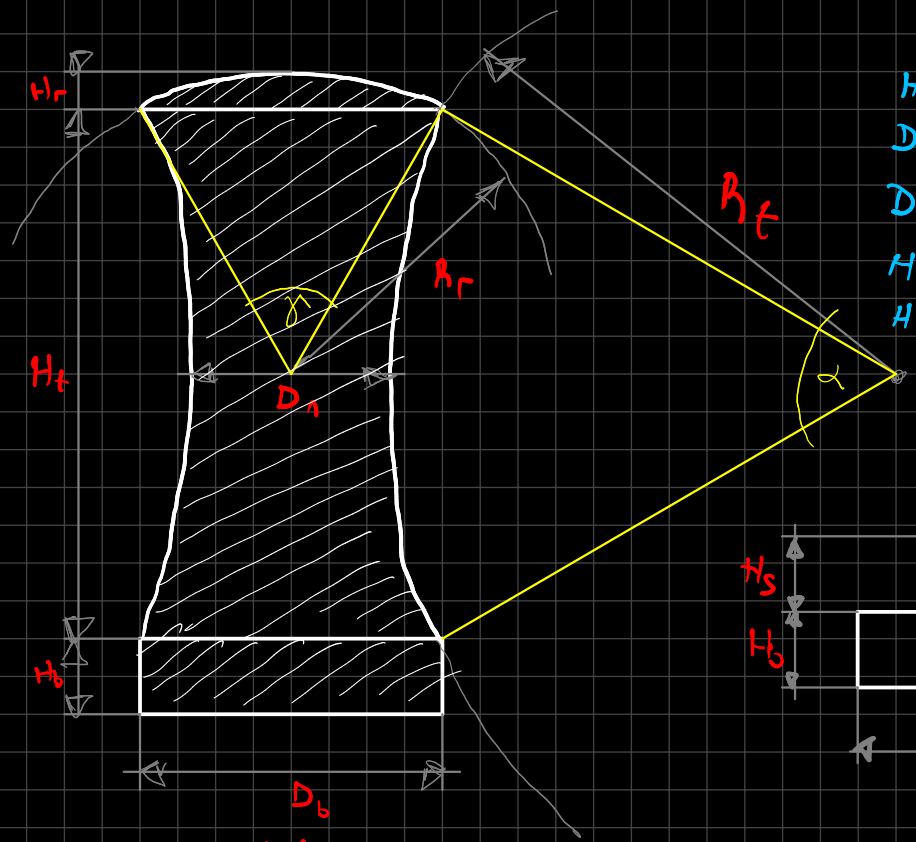


$H_t = 50$

$D_t = 20$

$D_r = 20$

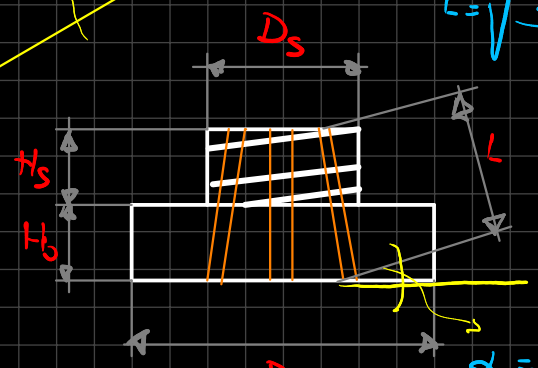
$H_r = 4$

$H_b = 8$

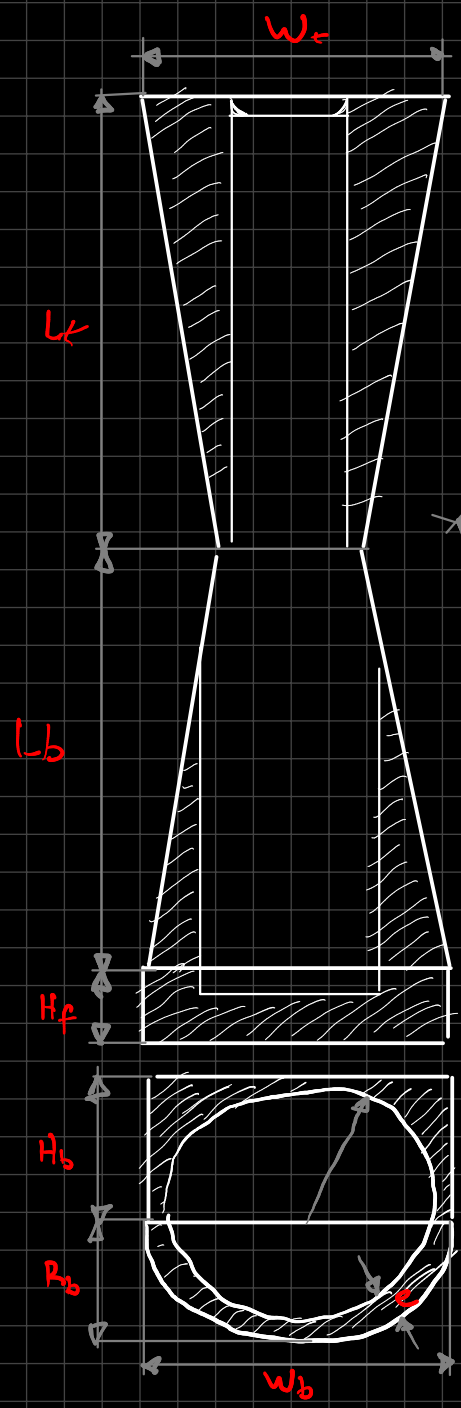
$$R_t = \frac{D_t}{2\sin(\gamma)}$$

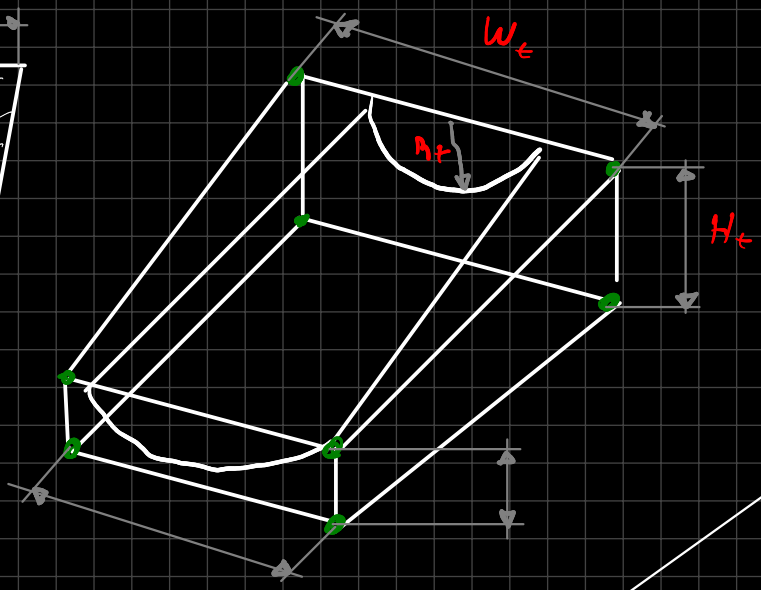
$$\gamma = 2\arctan\left(\frac{2H_r}{D_t}\right)$$

$$L = \sqrt{\frac{D_s^2}{4} + (H_b + H_s)^2}$$



$$\alpha = \arctan\left(\frac{D_s}{4(H_b + H_s)}\right)$$





$L_t = 60$

$L_b = 60$

$H_t = 60$

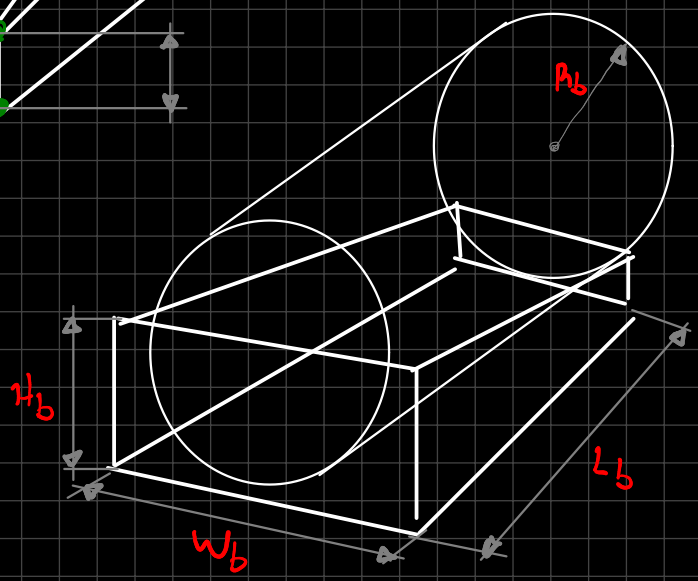
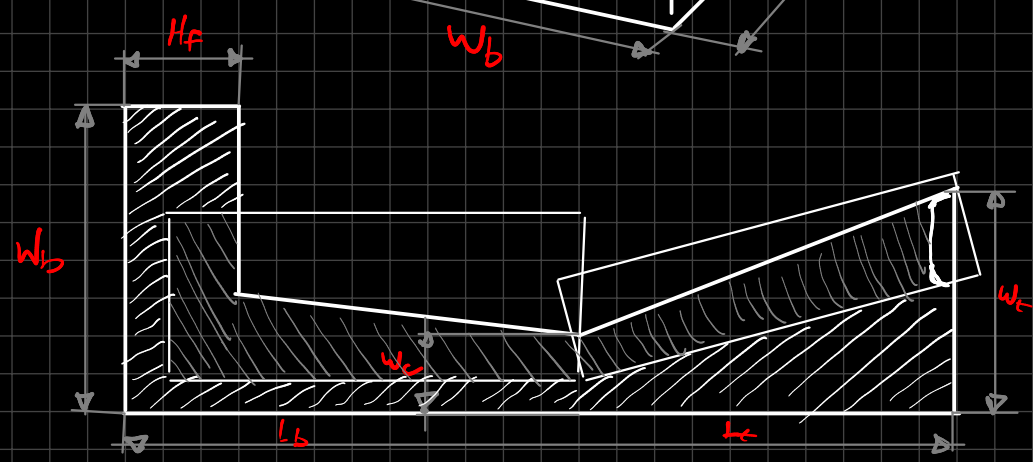
$H_b = 16$

$H_c = 8$

$W_t = 40$

$W_c = 30$

$W_b = 50$

$R_t = 14$

$R_b = 26.5$