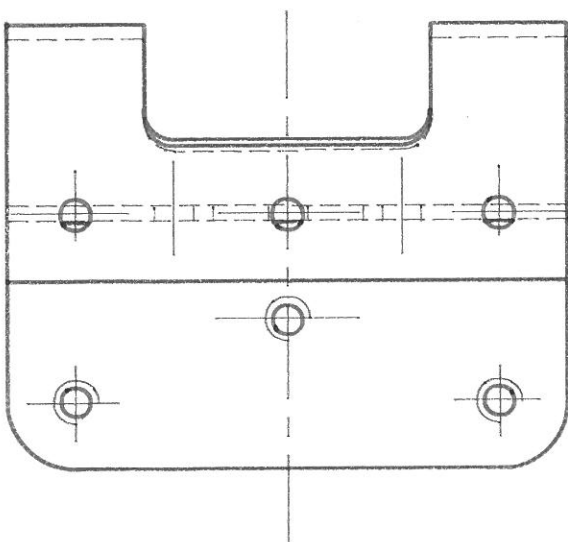
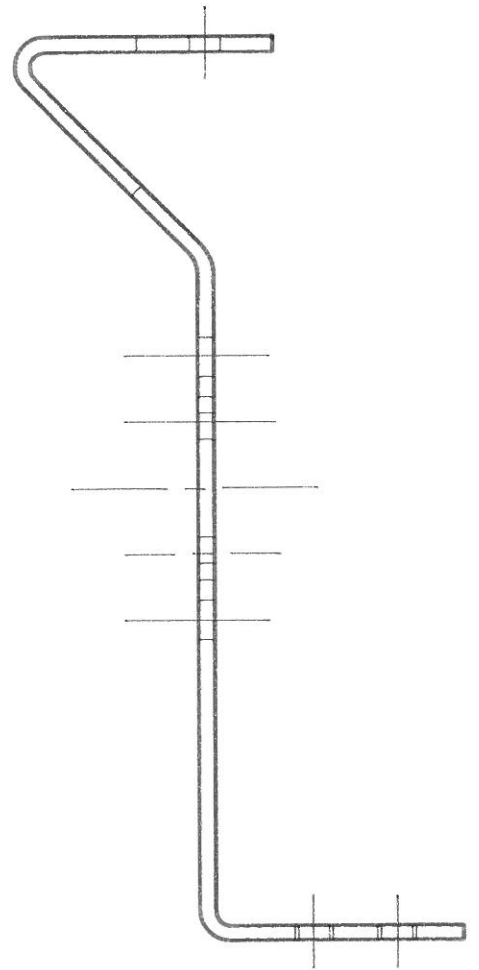
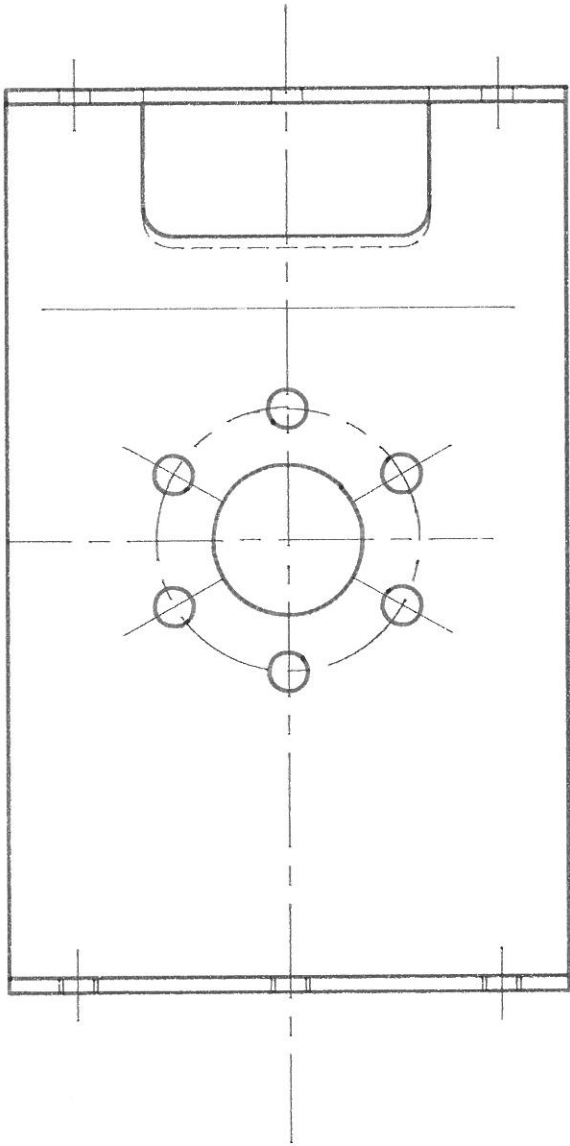
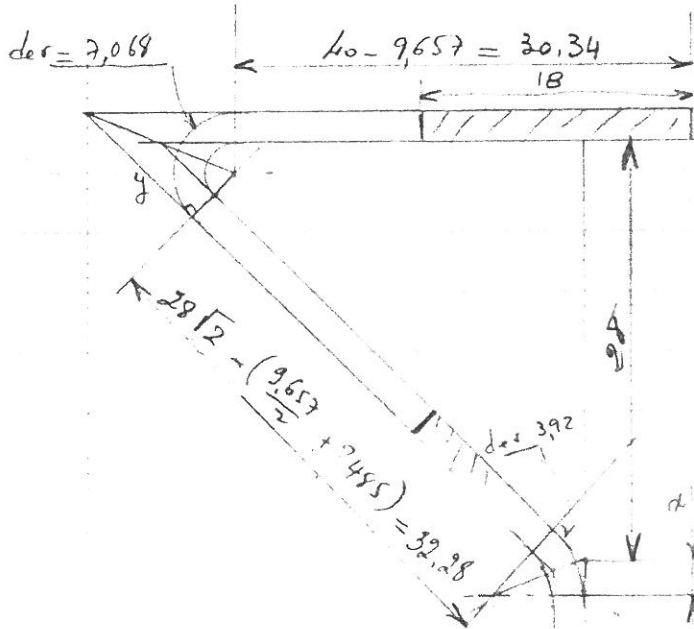


SUPPORT en tôle

Ech: 1,5 $\nabla \oplus$



SUPPORT



$$\tan 22^{\circ}30' = \frac{4}{y}$$

$$y = \frac{4}{\tan 22^{\circ}30'}$$

$$y = 9,657$$

developpement trou

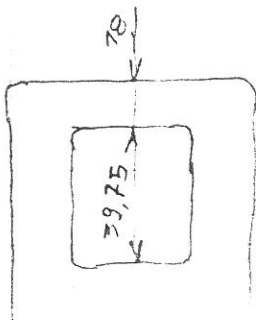
$$= 30,34 - 18 + 7,068 + 30 - 9,657$$

$$= 39,75$$

$$\tan 22^{\circ}30' = \frac{x}{6}$$

$$x = 6 \tan 22^{\circ}30'$$

$$x = 2,475$$

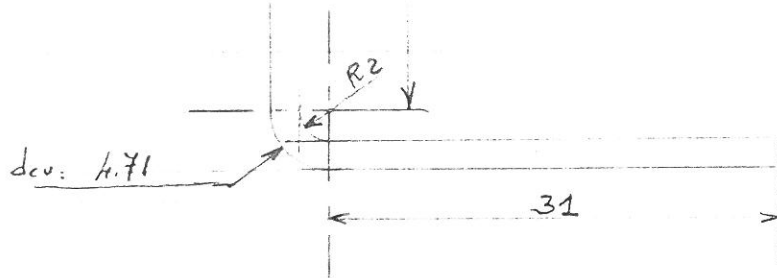


$$90 - (4 + 2,475) = 83,515$$

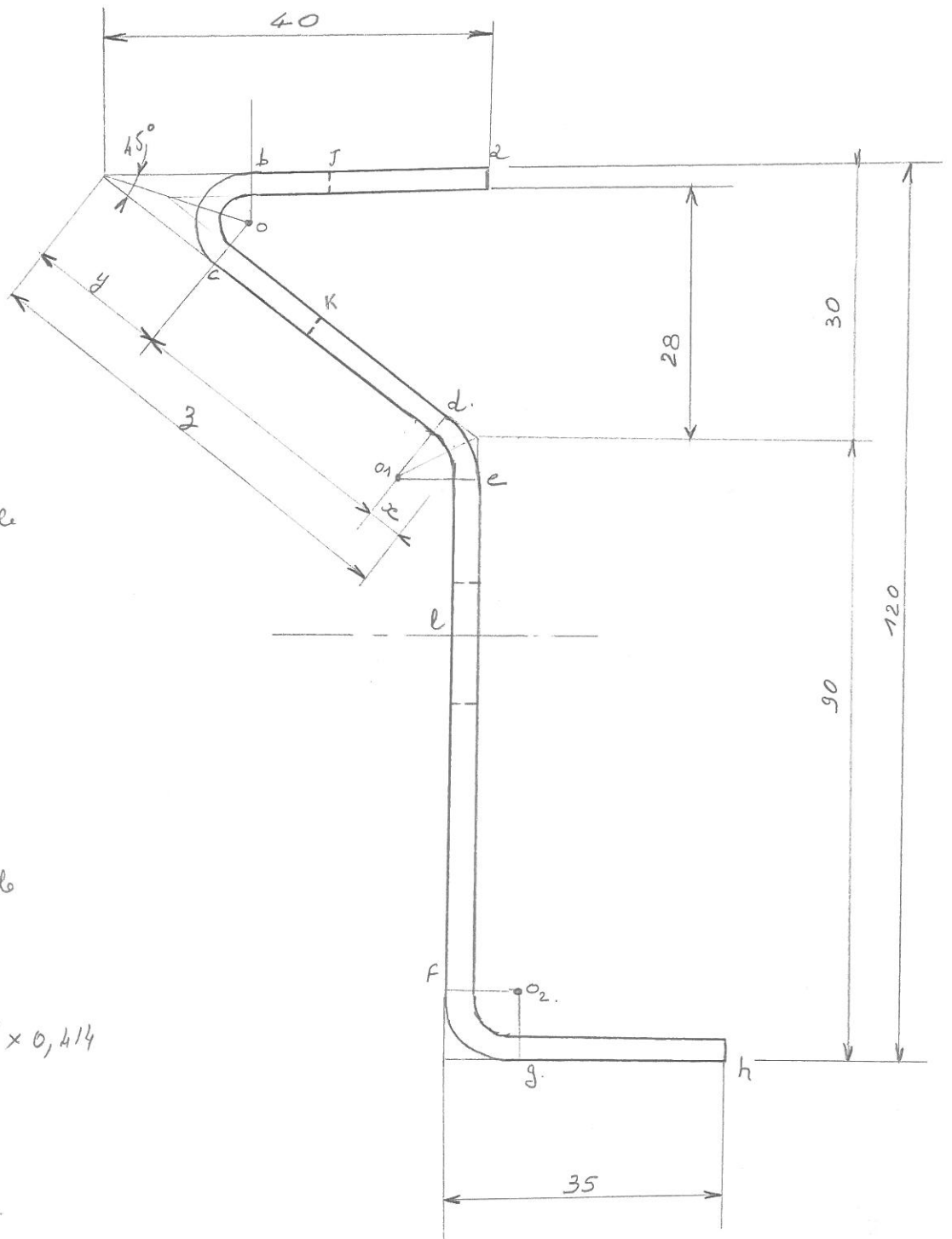
$$L = 30,34 + 7,068 + 32,28 + 3,92$$

$$+ 83,515 + 4,71 + 31$$

$$L = 192,833$$



Calcul du développé



Calcul de y.

$$oc = 2 \text{ de rayon} + 2 \text{ de tôle}$$

$$oc = 4$$

$$\text{tg } 22^{\circ}30' = \frac{4}{y}$$

$$y = \frac{4}{\text{tg } 22^{\circ}30'} = \frac{4}{0,414}$$

$$y = 9,66$$

Calcul de x.

$$od = 4 \text{ de rayon} + 2 \text{ de tôle}$$

$$od = 6$$

$$\text{tg } 22^{\circ}30' = \frac{x}{6}$$

$$x = 6 \cdot \text{tg } 22^{\circ}30' = 6 \times 0,414$$

$$x = 2,48$$

Calcul de z.

$$\text{chirurgicale d'un cône} -$$

$$z = 30 \times \sqrt{2}$$

$$z = 42,42$$

$$ab = 40 - y = 40 - 9,66 = 30,34$$

$$bc = 2 \times 3 \times \pi \times \frac{135}{360} = 7,06$$

rayon de courbure

$$cd = z - (y + x) = 30,28$$

$$de = 2 \times 5 \times \pi \times \frac{45}{360} = 3,92$$

$$ef = 90 - (x + o_2 g) = 90 - (2,48 + 4) = 83,52$$

$$fg = 2 \times 3 \times \pi \times \frac{26}{360} = 4,78$$

$$gh = 35 - 4 = 31$$

Longueur pièce

$$\underline{190,8}$$

Longueur de l'ouverture JK

$$jb = 40 - (18 + 9,66) = 12,34$$

$$bc = 7,06$$

$$ck = 30 - 9,66 = 20,34$$

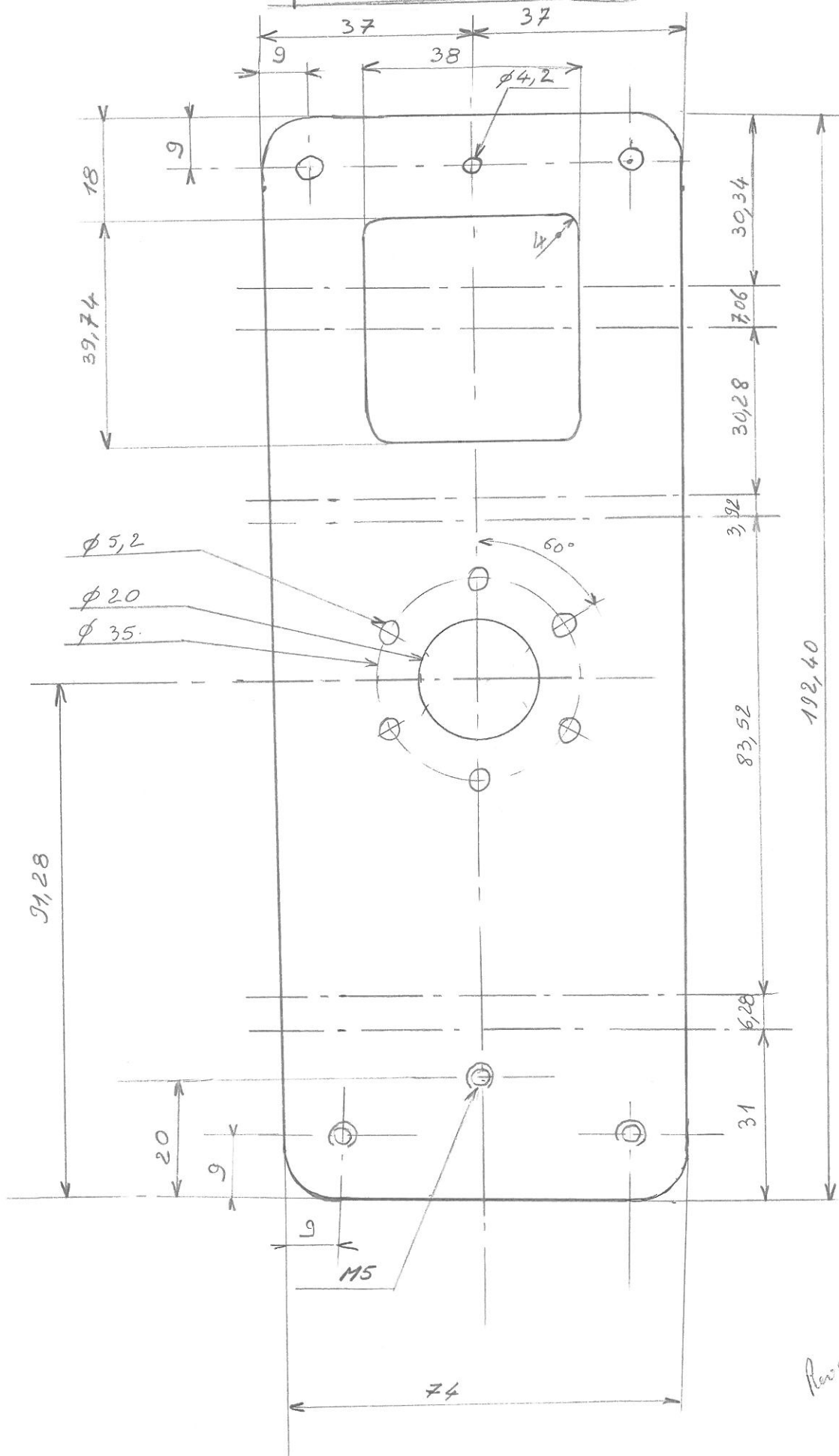
$$\text{longueur ouverture} = \underline{39,74}$$

Position de l'axe l par rapport à h

$$hg + fg + fl$$

$$31 + 6,28 + (60 - 4) = \underline{91,28}$$

Représentation du développé



Revisi Persekitaran
1/24