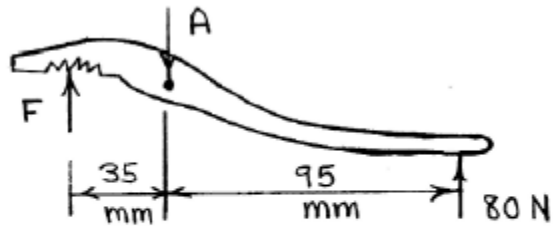


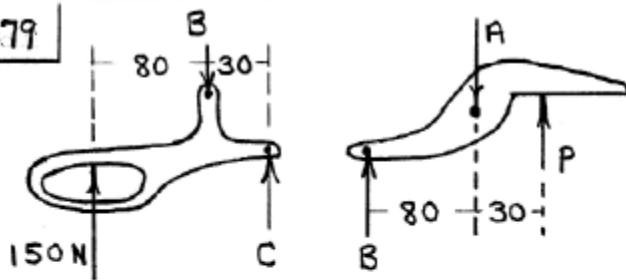
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$$\sum M_A = 0: 80(95) - F(35) = 0, \quad \underline{F = 217 \text{ N}}$$

$$+\uparrow \sum F = 0: 217 - A + 80 = 0, \quad \underline{A = 297 \text{ N}}$$

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$$\text{(Handle)} \quad \sum M_C = 0: 150(110) - B(30) = 0$$
$$B = 550 \text{ N}$$

$$\text{(Jaw)} \quad \sum M_A = 0: 550(80) - P(30) = 0$$
$$\underline{P = 1467 \text{ N}}$$