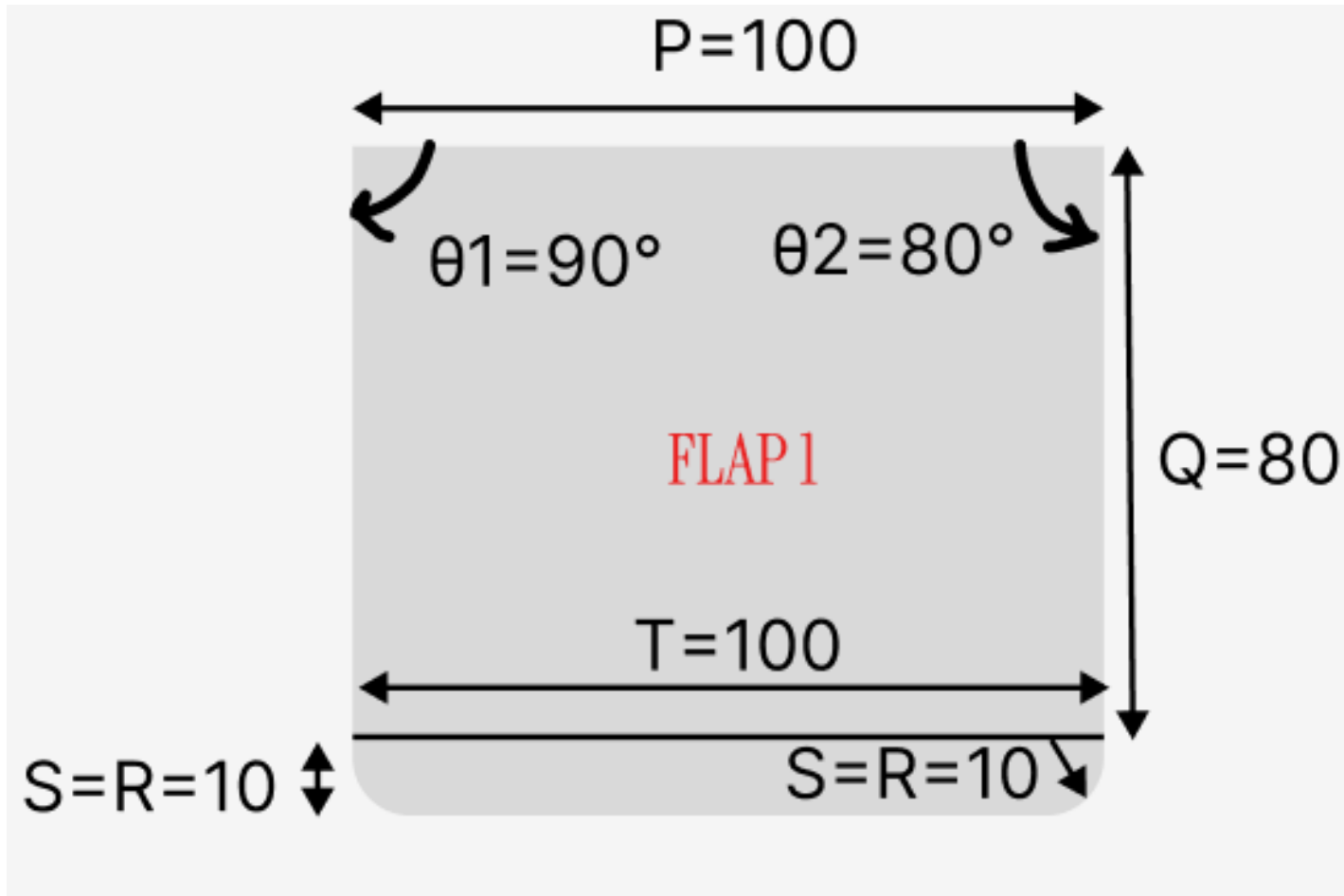


List of Parametric Flaps

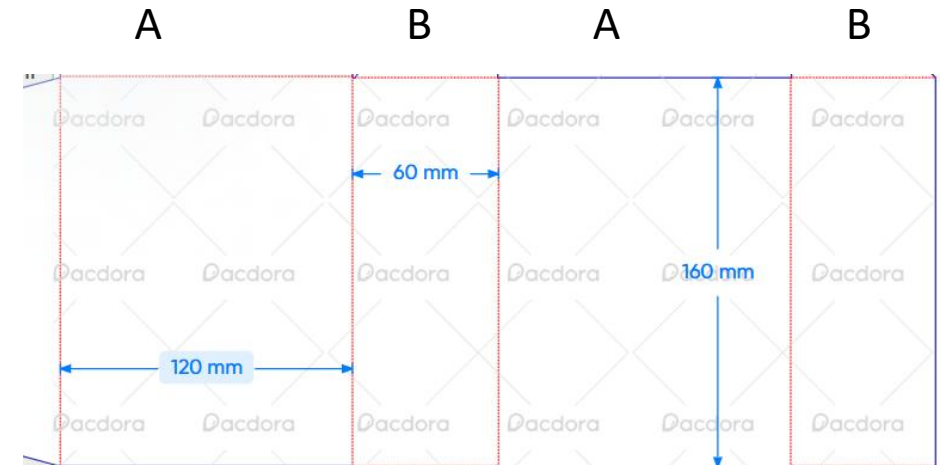
To be Coded

FLAP 1



Applicable for:

- Rectangular & Square
- 4 Sided
- Accompanied by ZERO Flap on opposite edge



Dependency:

A=P

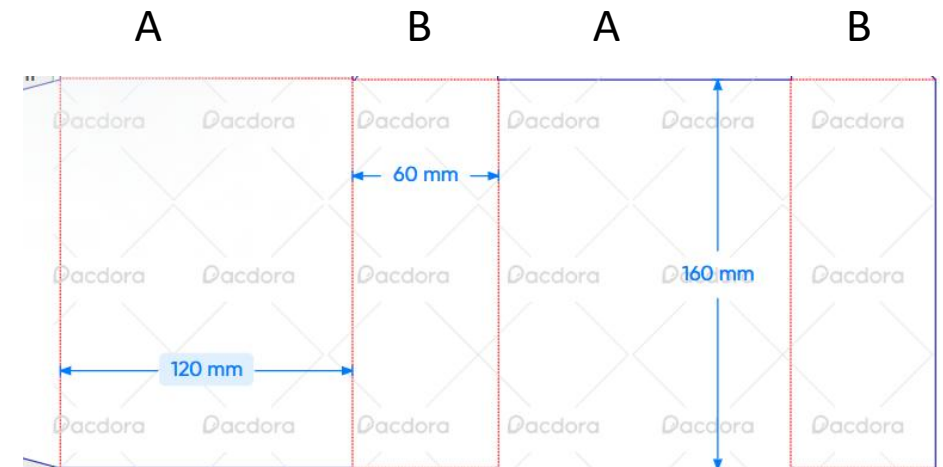
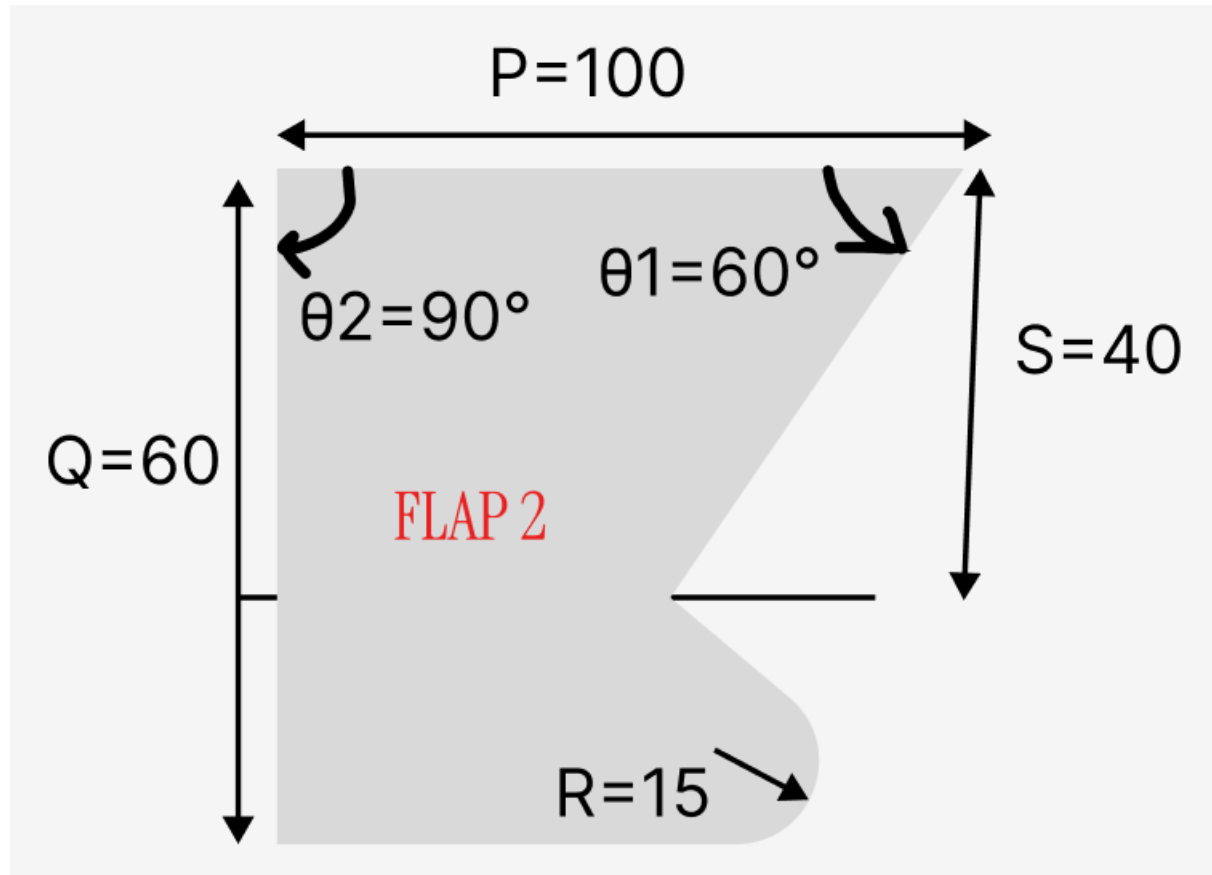
B=Q

T may not be equal to P

FLAP 2

Applicable for:

- Rectangular & Square
- For all Number of sides
- Accompanied by mirror image flap on opposite edge



Dependency:

For Rectangle always attaches with smaller side edge

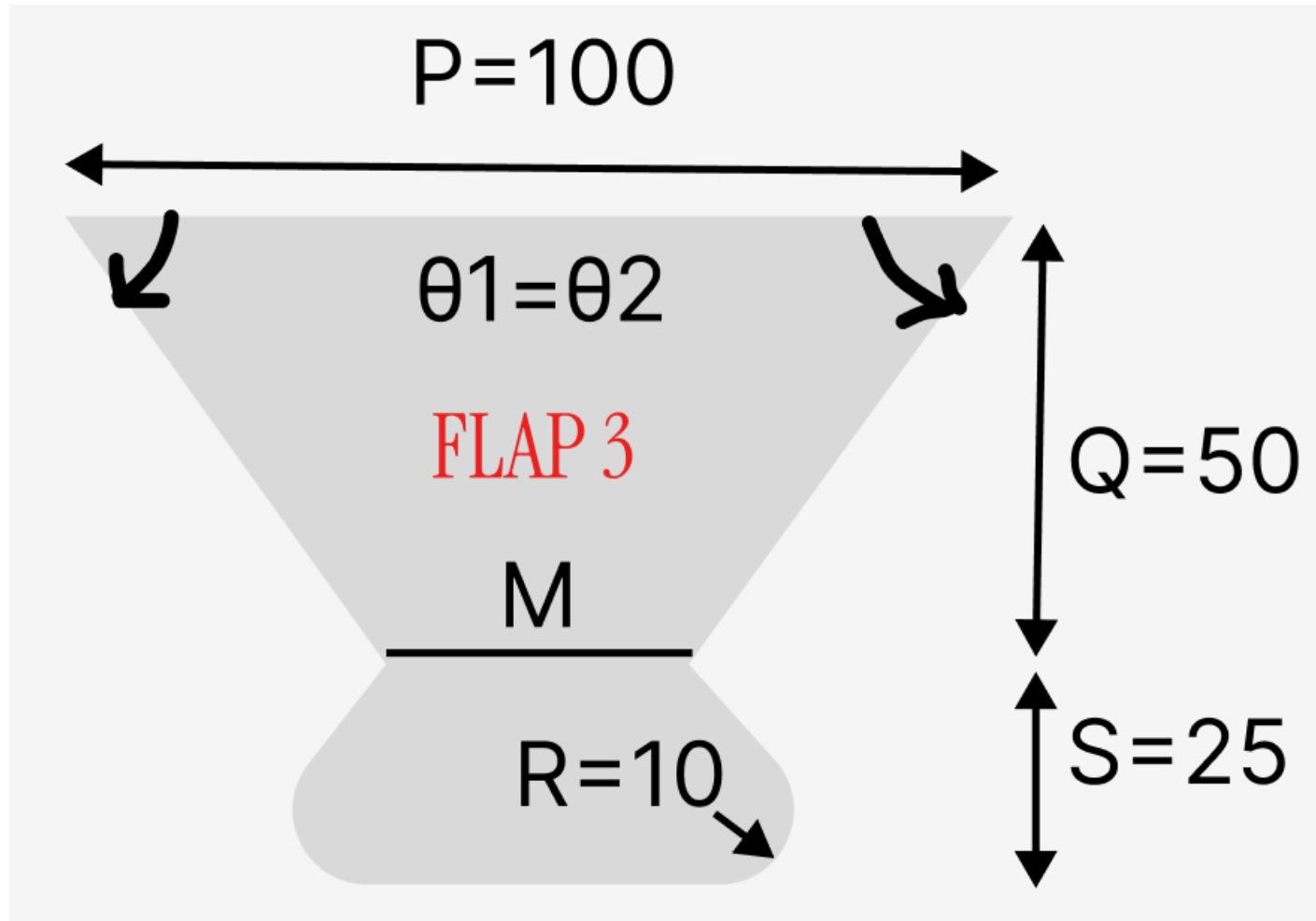
$$P=B$$

$$Q=A/3$$

$$R=(Q-S) \times 0.75$$

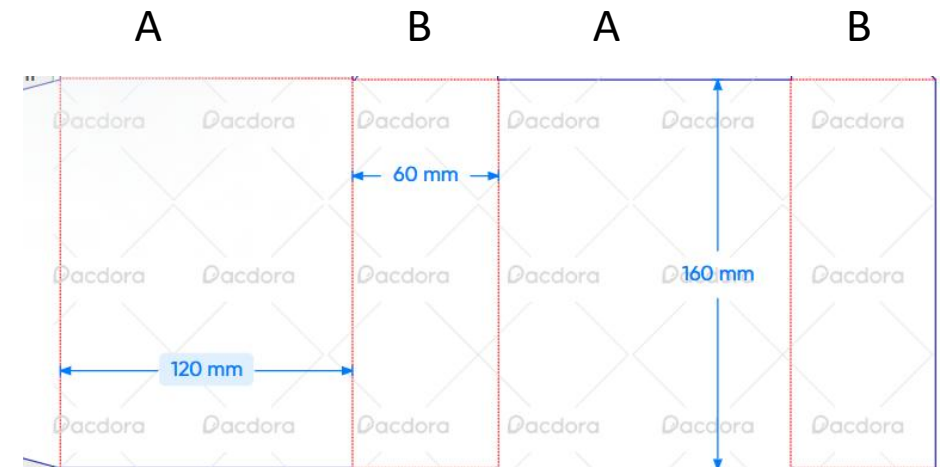
$$S=0.66667 \times Q$$

FLAP 3



Applicable for:

- Rectangular & Square
- For Rectangular/Square, 4 Numbers of sides
- Accompanied by Flap 4 on opposite edge



Dependency:

For Rectangle always attaches with bigger side edge

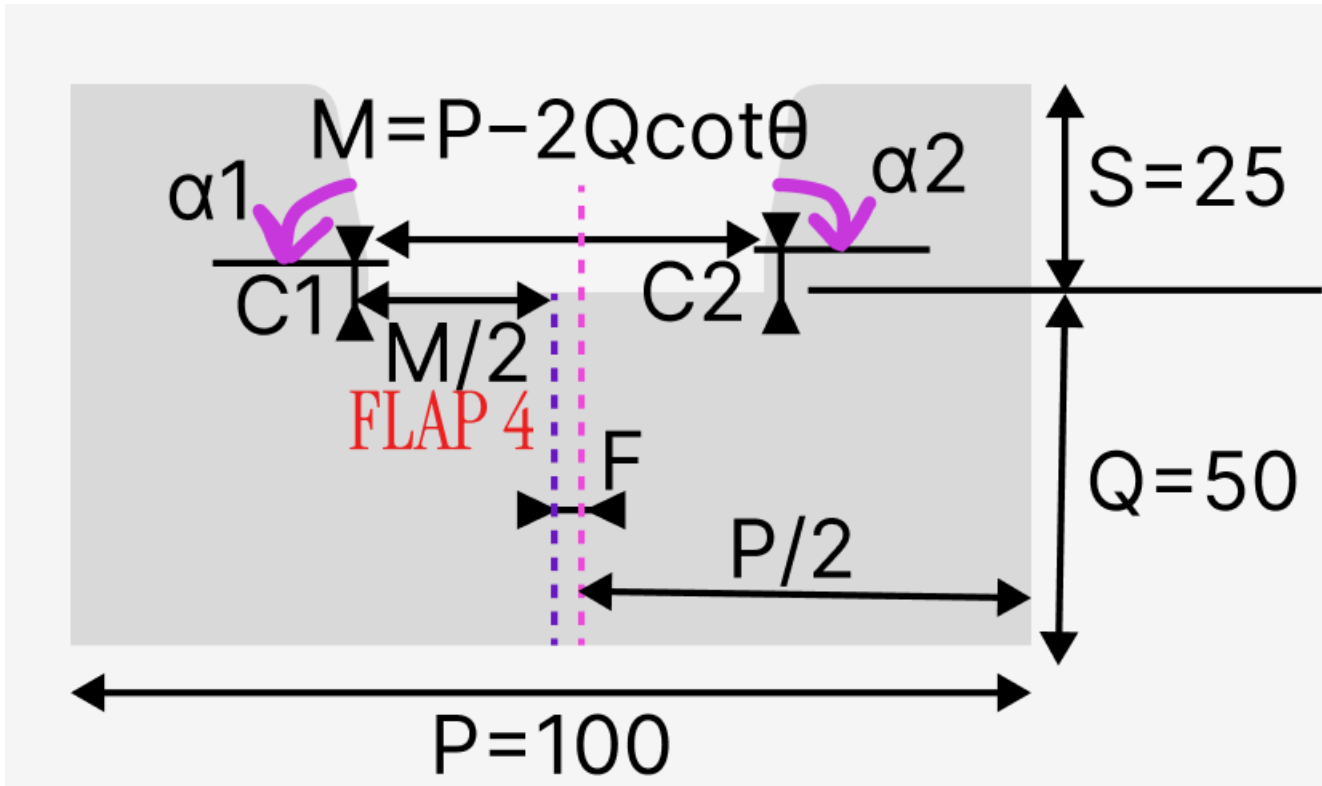
$$P=A$$

$$Q=B/2$$

$$R=B/10$$

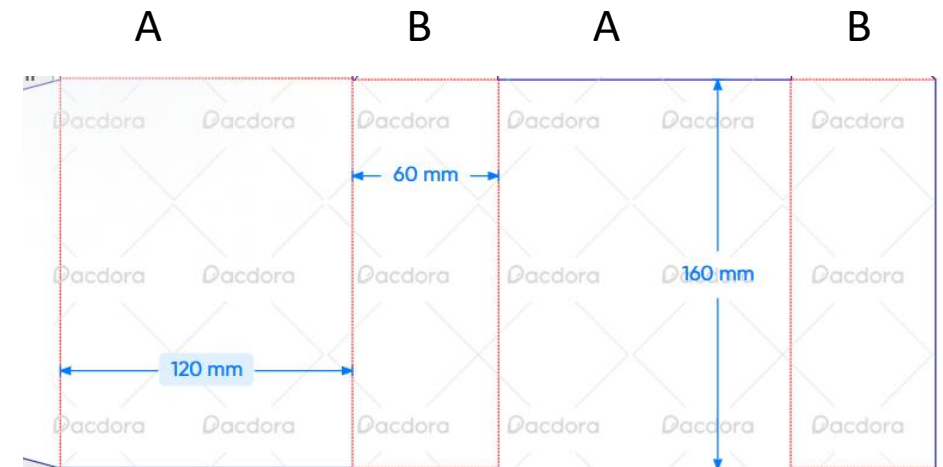
$$S=B/4$$

FLAP 4



Applicable for:

- Rectangular & Square
- For Rectangular/Square, 4 Numbers of sides
- Accompanied by Flap 3 on opposite edge



Dependency:

For Rectangle always attaches with bigger side edge

$$P=A$$

$$Q=B/2$$

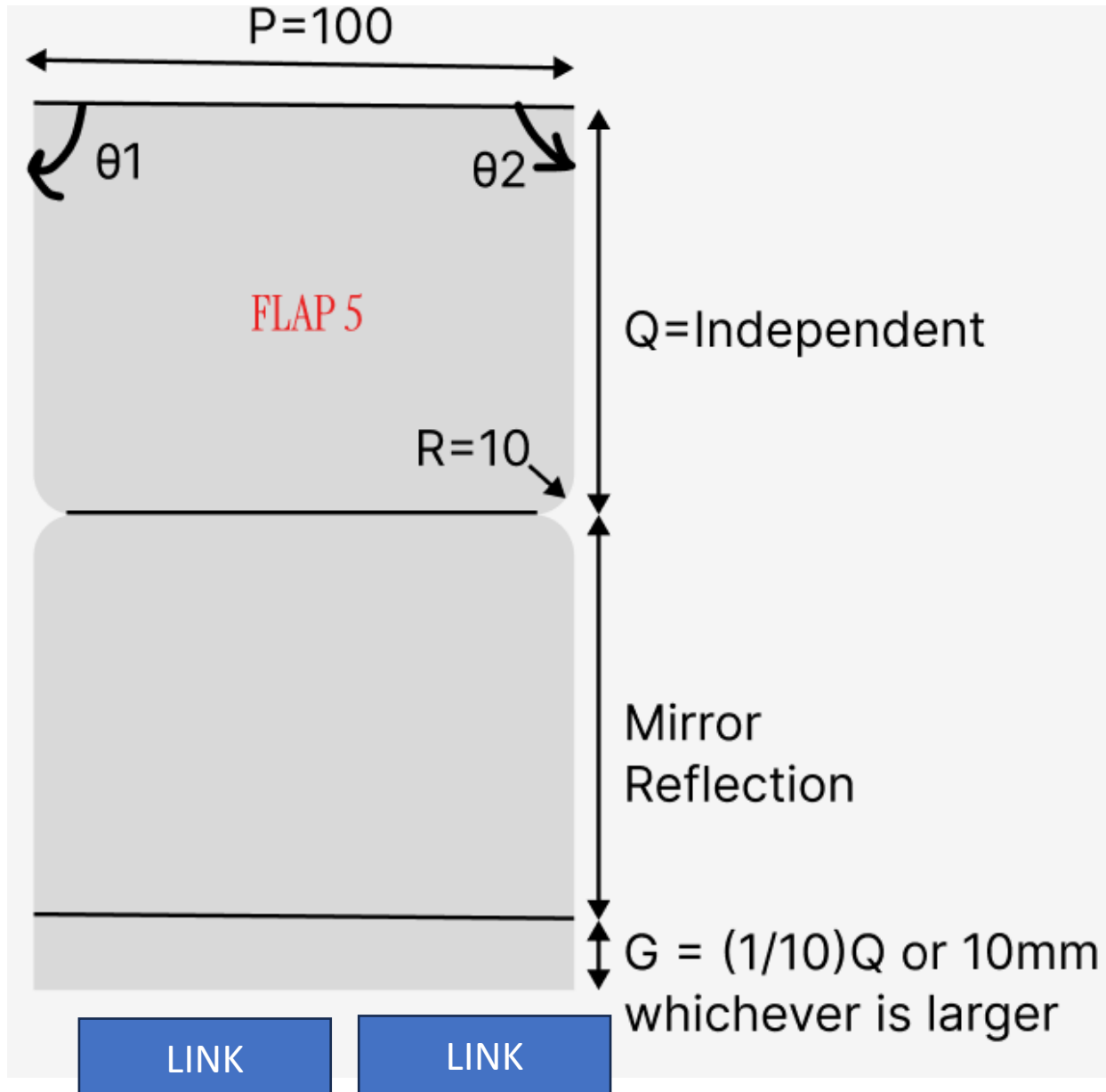
$$R=B/10$$

$$S=B/4$$

θ = As defined in Flap 3

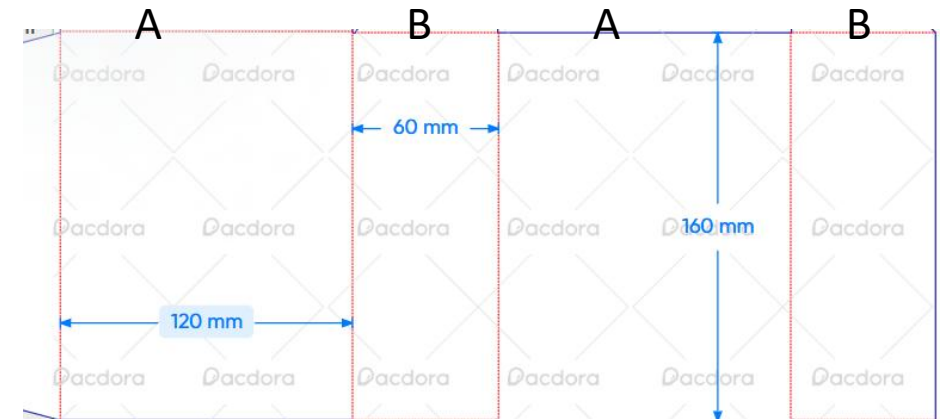
Qn: Can we keep Flap 2 and Flap 3 as 2 different category and not generalize them?

FLAP 5



Applicable for:

- All templates (Do not participate in locking)
- In the free edge use for carrying and branding (Preferably in larger edge)



Dependency:

For Rectangle always attaches with bigger side edge

$$P=A$$

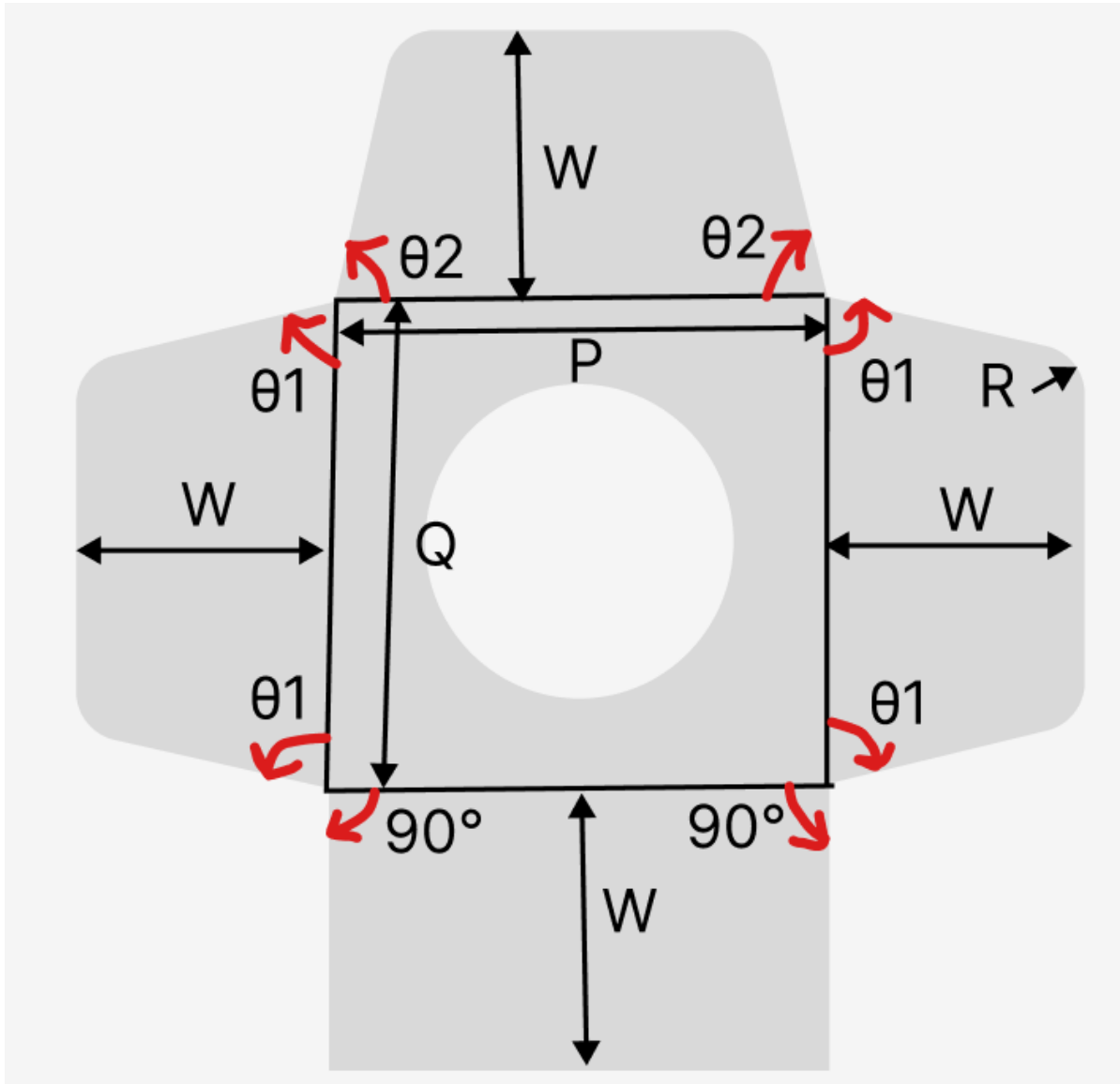
$$Q=(P/2)$$

$$R=Q/10$$

$$G=(1/10)Q \text{ or } 10\text{mm whichever is larger}$$

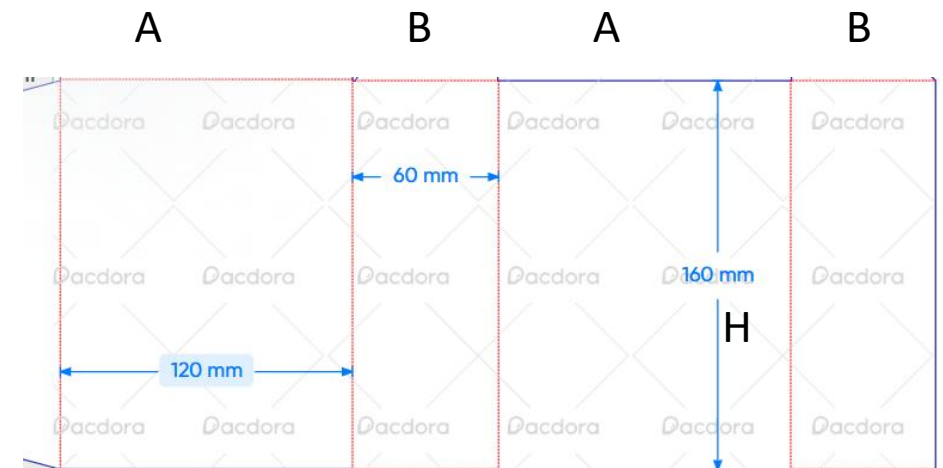
$$\theta_1 \text{ \& } \theta_2 \geq 60 \text{ Degree } \leq 150 \text{ Degree}$$

FLAP 6



Applicable for:

- 4 sided Rectangular or Square
- In the free edge use for locking the product inside the packaging



Dependency:

For Rectangle always attaches with bigger side edge

$$P=A$$

$$Q=B$$

$$W= (1/10)H$$