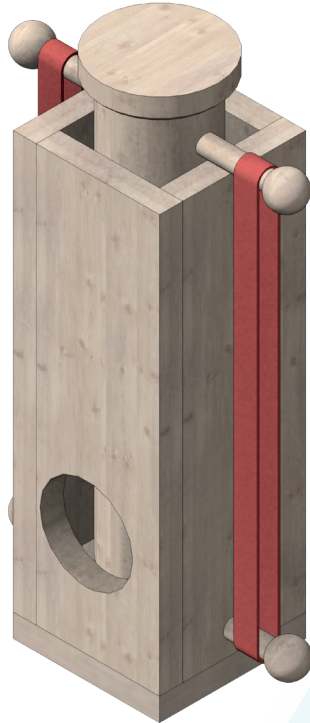
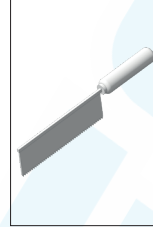


127.636

Nutcracker with an elastic band



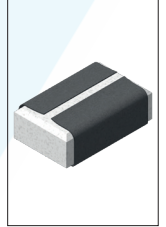
Tools Required:



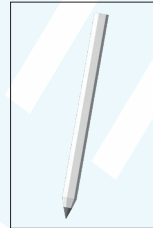
Miter saw



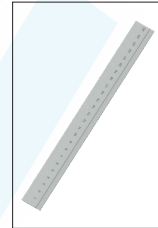
Scissors



Sandpaper



Pencil



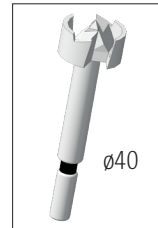
Ruler



Wood glue



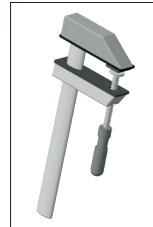
Drill



Forstner drill



Adhesive tape



clamp

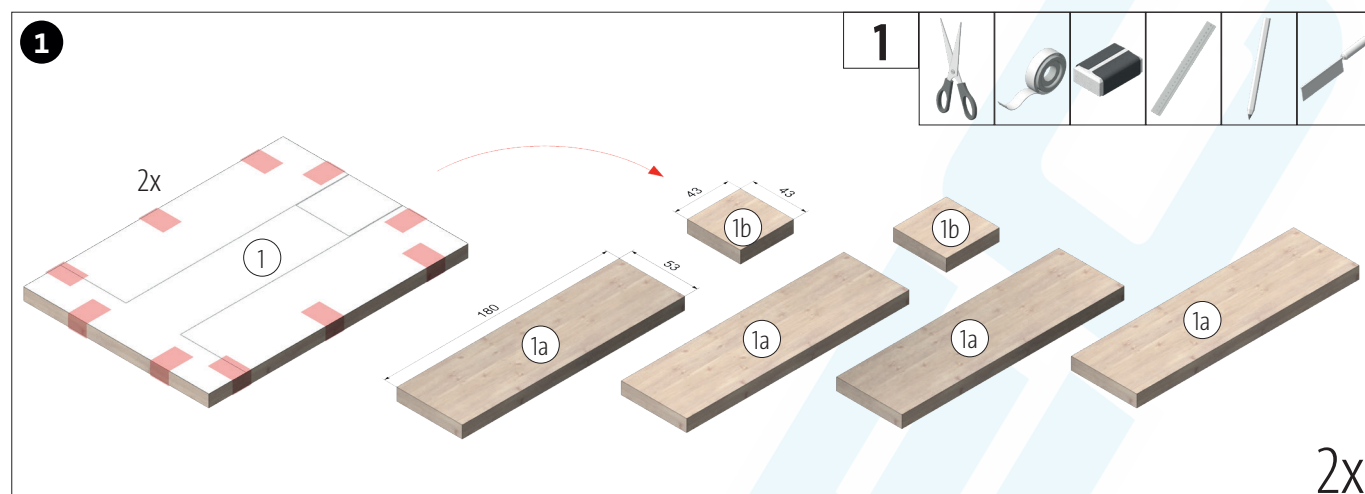


Brush & Colour

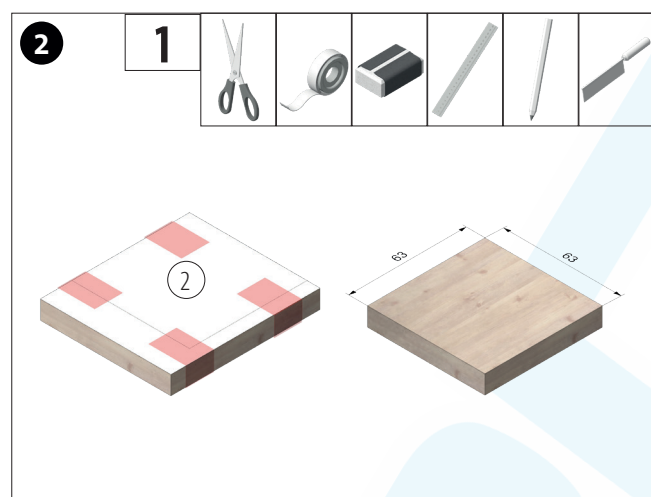
NOTE:

The OPITEC range of projects is not intended as play toys for young children. They are teaching aids for young people learning the skills of Craft, Design and Technology. These projects should only be undertaken and tested with the guidance of a fully qualified adult. The finished projects are not suitable to give to children under 3 years old. Some parts can be swallowed. Danger of suffocation! Not suitable for children under 36 months. Choking hazard!

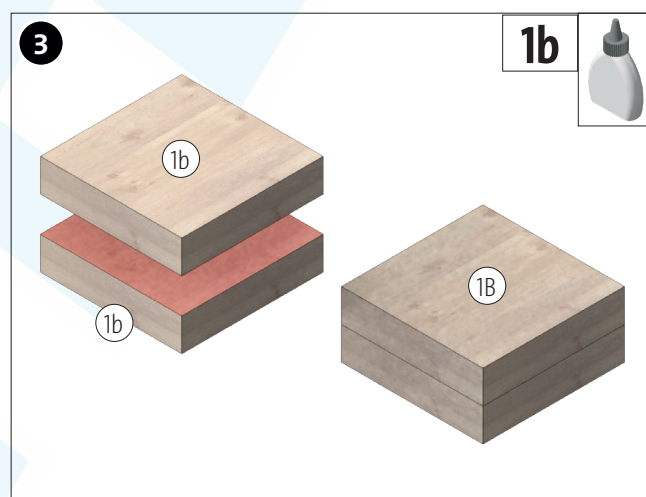
Part List	Quantity	Dimensions (mm)	Description	Part no.
Plywood	2	210x150x10	Body	1
Plywood	1	80x70x10	Base plate	2
Round rod	1	ø40x180	bolt	3
Round rod	1	ø8x500	Tension rods	4
Wooden ball with blind hole	4	ø 15	Rubber mount	5
Wooden wheel	1	ø50	Bolt handle	6
Elastic Band	2	ø 10	Elastic strap	7



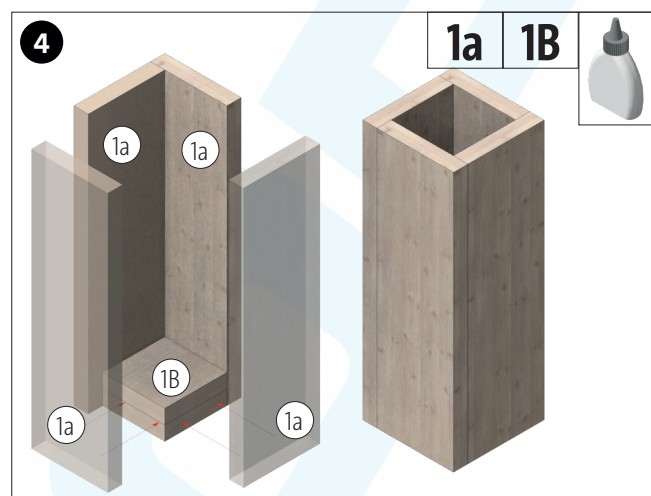
Transfer the templates (A) onto the two wooden blocks (1). Next, saw out the body parts (1a) and (1b) and smooth the saw cuts with sandpaper.



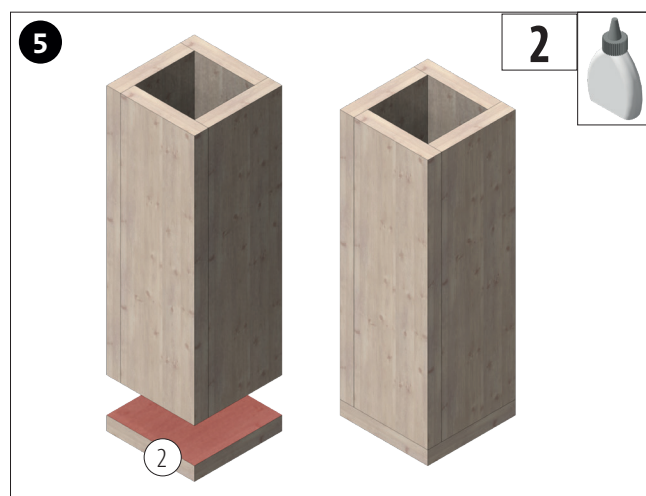
Transfer the templates (B) onto the plywood (2) and cut out the base plate. Clean the saw cuts.



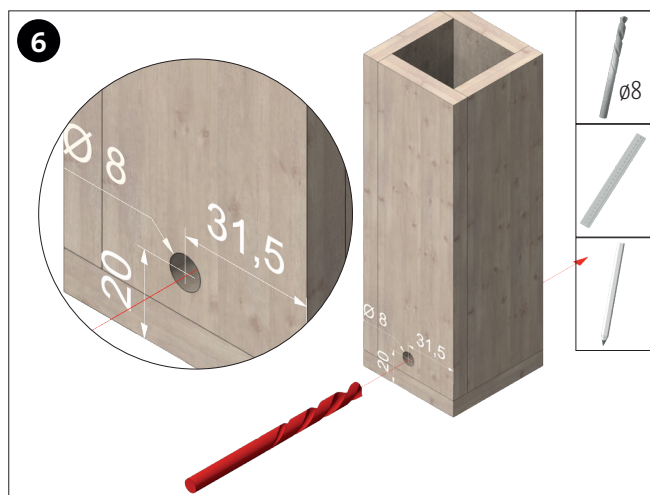
Glue the two wooden pieces (1b) together so that they lie flush, and allow the glue to dry thoroughly.



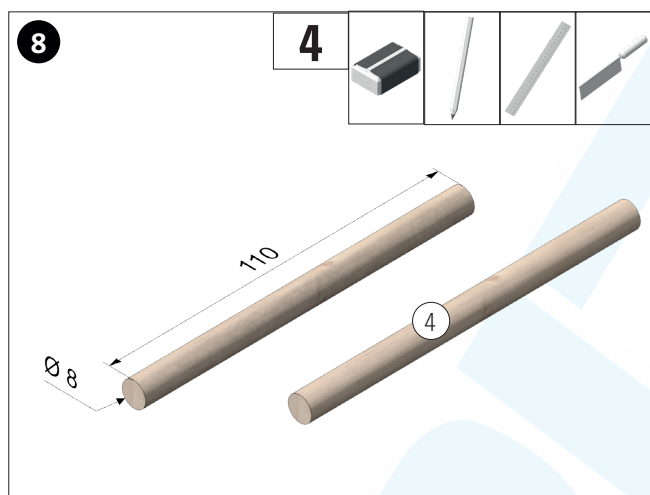
Glue the body parts (1a) around the glued parts (1b) as shown, and secure them with clamps until the glue has dried.



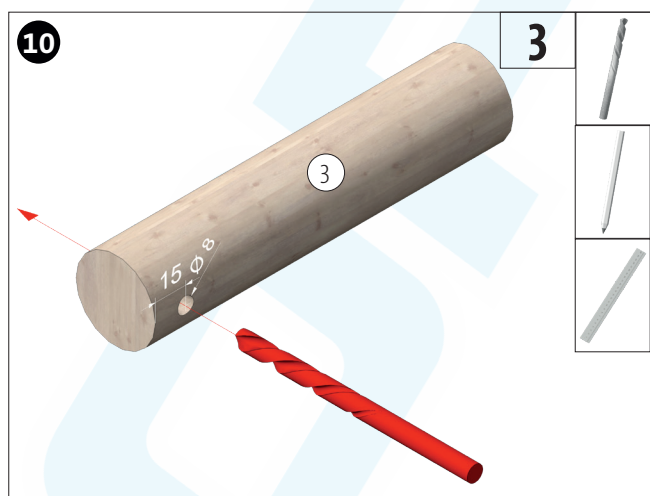
Glue the finished cabinet body onto the base plate (2).
Note: Part (1B) on the inside points downwards!



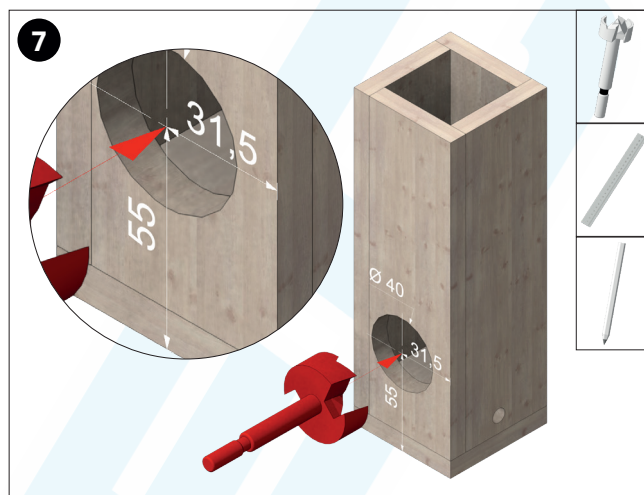
Mark the position of the hole on the lower edge of the cabinet body, centred and set back by 20 mm. Observe dimensions! Then drill a hole with a diameter of 8 mm.



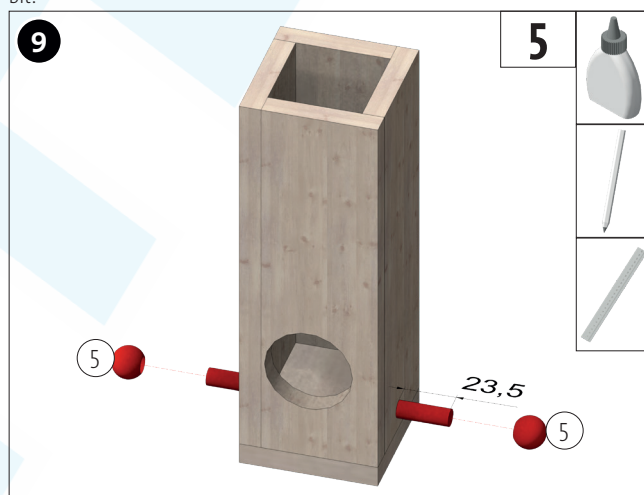
Cut two 110 mm long pieces from the round bar (4) and clean up the cut edges.



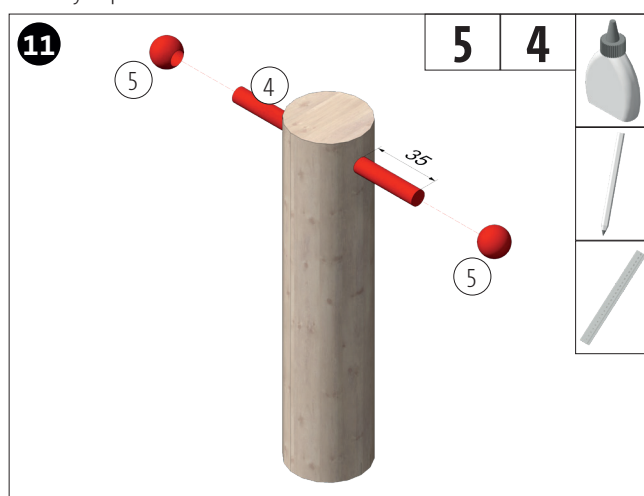
Take the round bar (3), measure 15 mm from one end and mark the position for the required hole. Then drill a hole with a diameter of 8 mm.



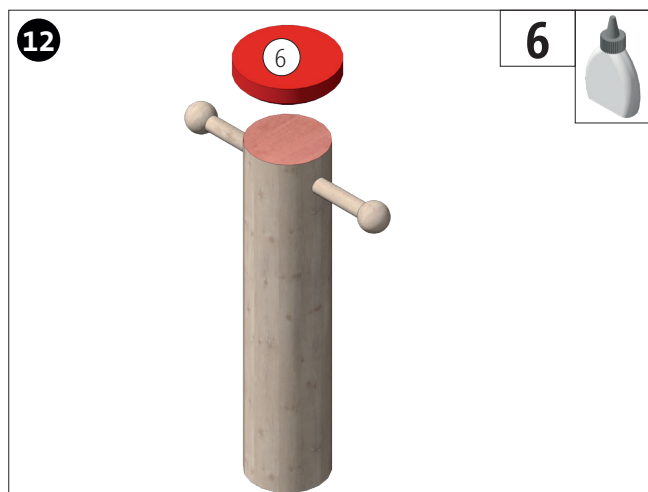
Rotate the body through 90° and mark the position of the hole for the nut, centred and 55 mm in from the lower edge. Observe dimensions! Next, drill the 40 mm diameter hole through the front panel using a suitable Forstner bit.



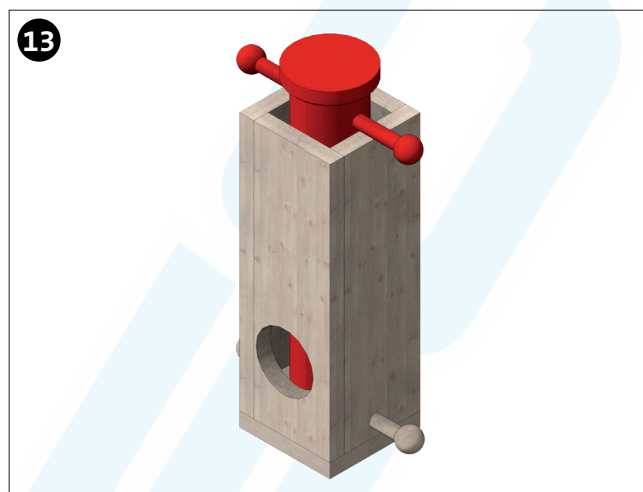
Glue a round rod (4) into the centre of the 8 mm diameter bore. Observe dimensions! Then fit a wooden ball (5) onto each side and glue it securely in place.



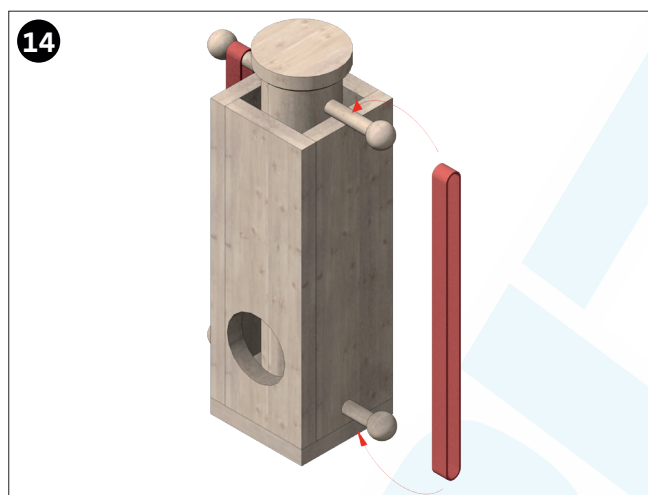
The 2nd. Insert the round rod (4) through the hole in the bolt (3), centre it and glue it in place. Observe dimensions! Then fit a wooden ball (5) onto each side and glue it securely in place.



Glue the wooden wheel (6), as shown, onto the centre of the piston and allow the glue to dry thoroughly.



Insert the finished bolt into the body.



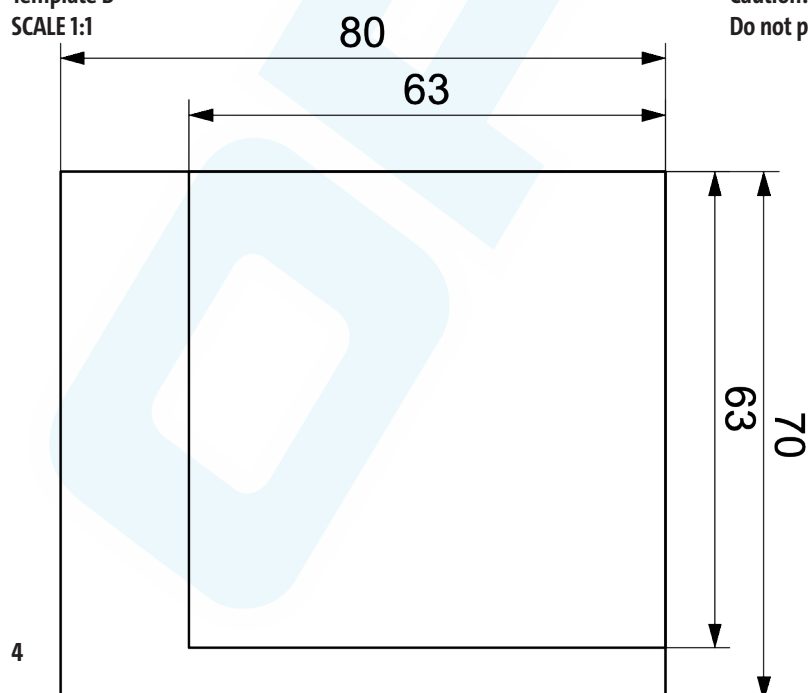
Stretch one elastic band onto the bracket from each side, as shown.



Function: Pull the bolt upwards and insert a socket into the opening. Next, pull the bolt to tighten the elastic bands, then let go. The force of the bolt cracks the nut.

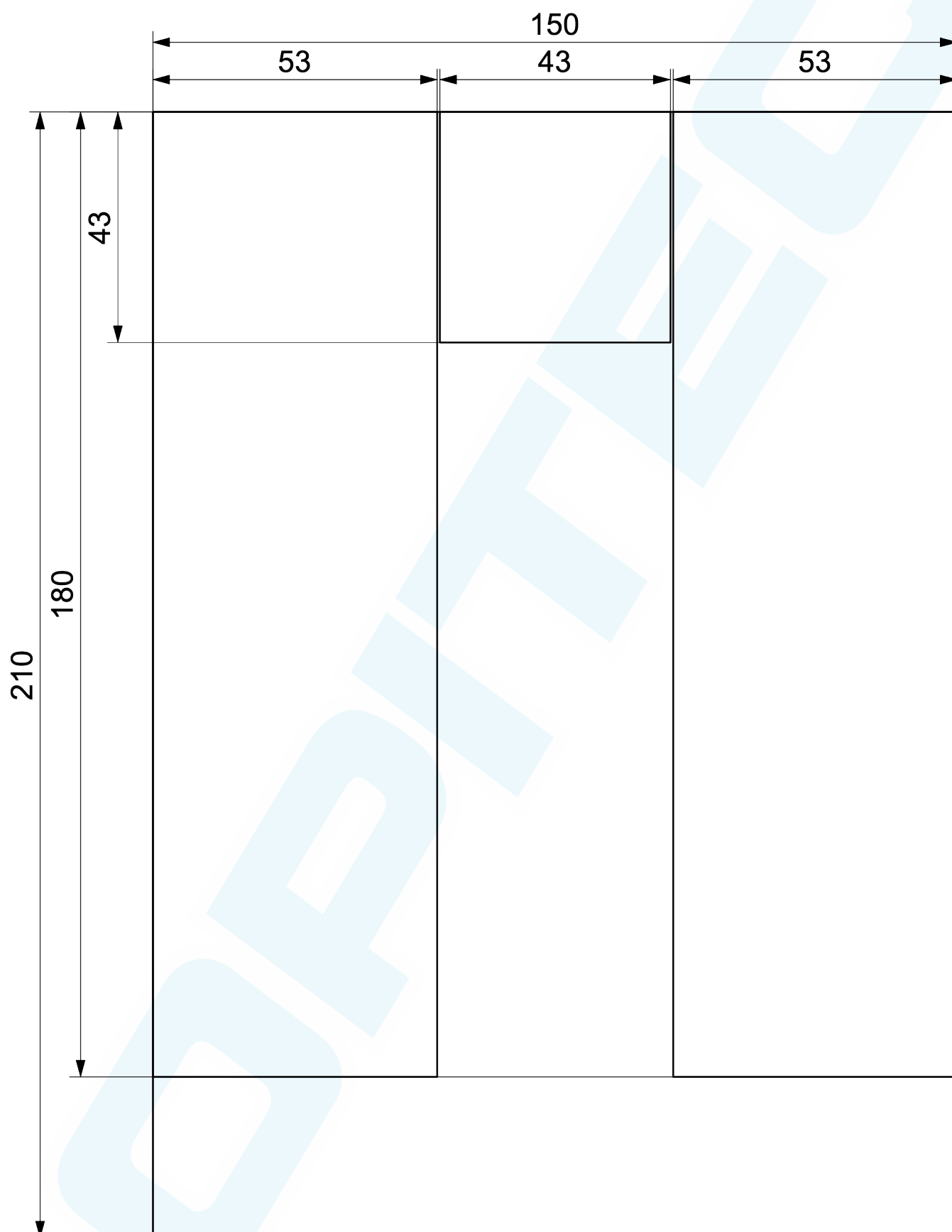
Caution:
Do not put your fingers into the opening! Risk of injury!

Template B
SCALE 1:1



Assembly instructions 127.636
Nutcracker with an elastic band

Template A
M1: 1



OPITEC

OPITEC

Assembly instructions 127.636
Nutcracker with an elastic band

Template A
M1: 1

