

127.496

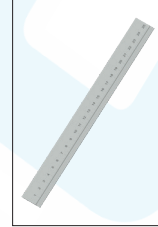
3D puzzle cube



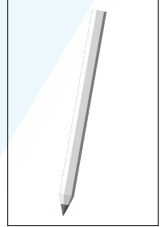
Tools required:



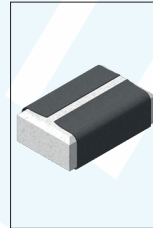
Wood glue



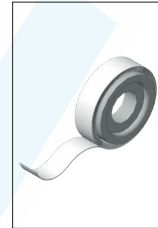
Ruler



Pencil



Sandpaper



Adhesive tape

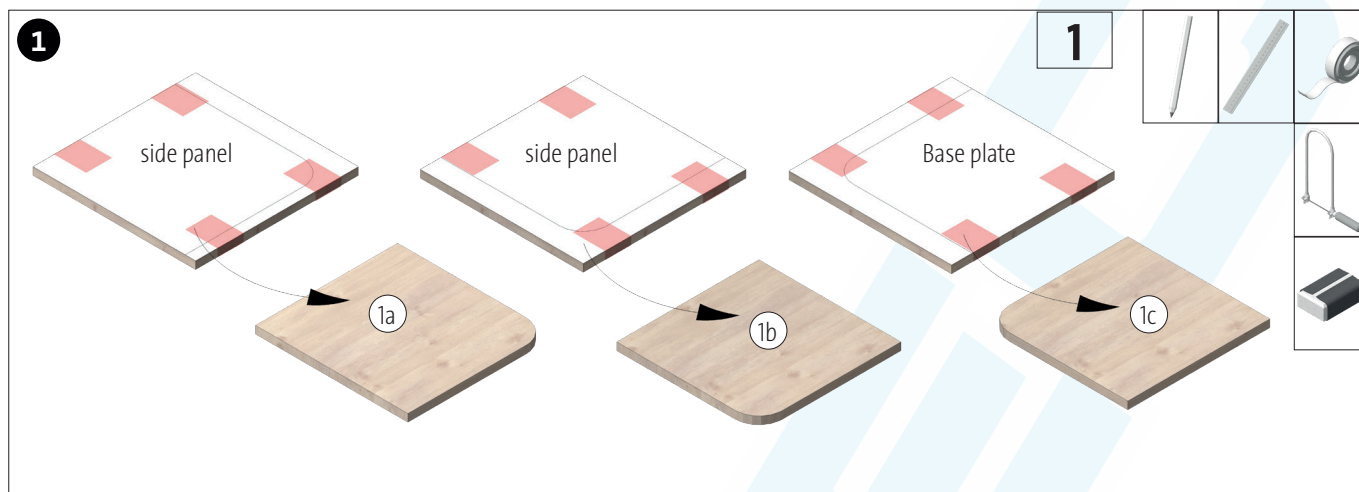


brush

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!

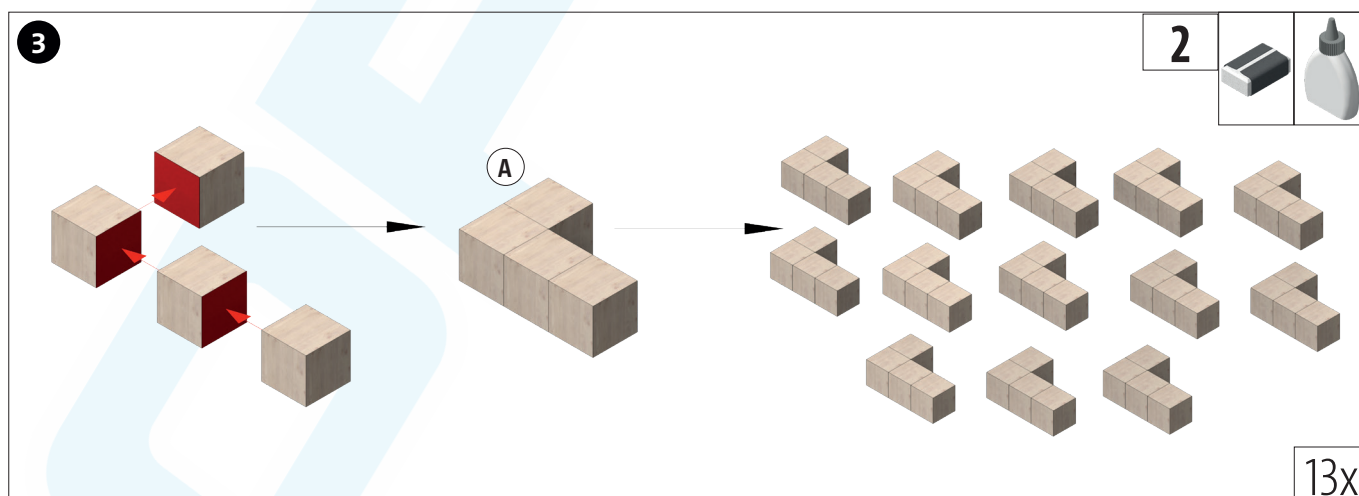
Part List	Quantity	Dimensions (mm)	Description	Part no.
Plywood	3	126x126x126	Frame	1
Wooden cube	125	20x20x20	Wooden cube	2



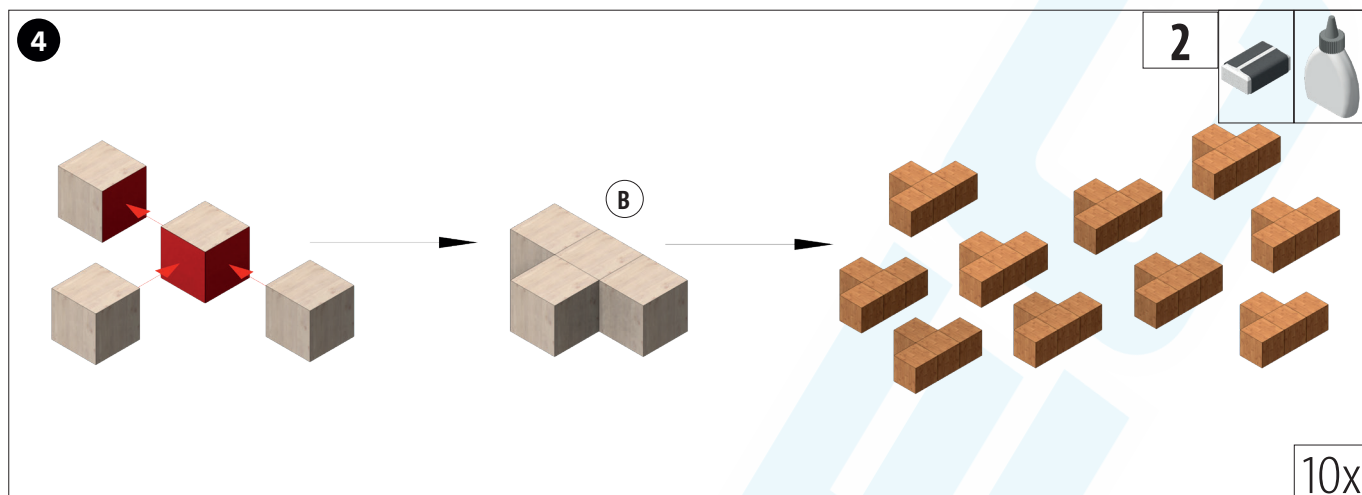
Transfer the templates (pages 11-13) for the frame (1a-1c) to the plywood panels (1). Saw out the base plate and side panels and clean the saw cuts.



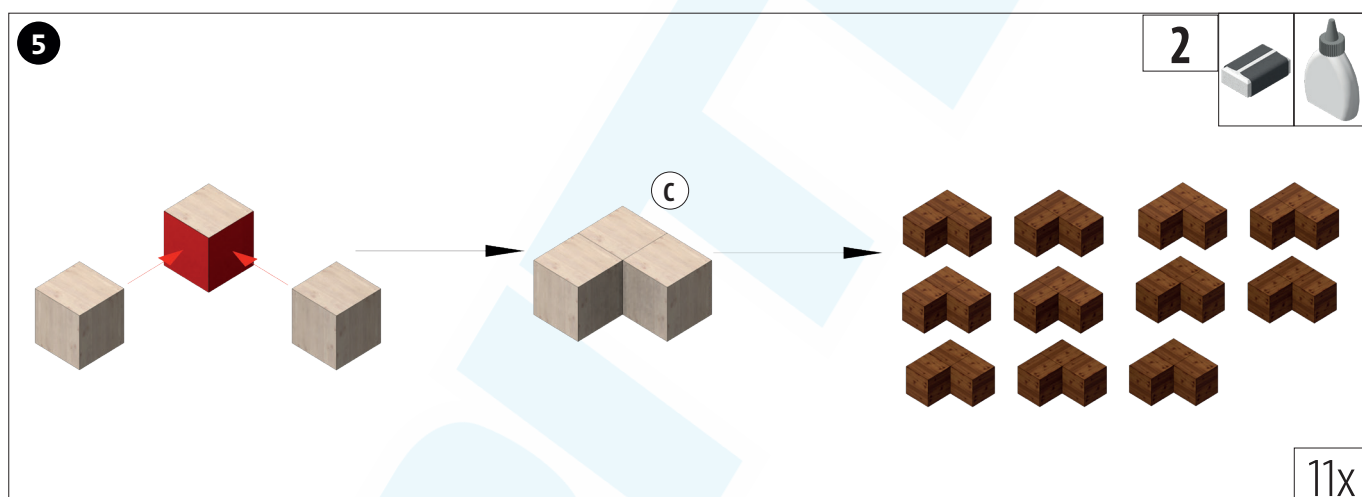
Glue the side panels (1a+1b) to the base plate (1c) as shown. Allow the glue to dry well and then clean the finished frame with sandpaper.



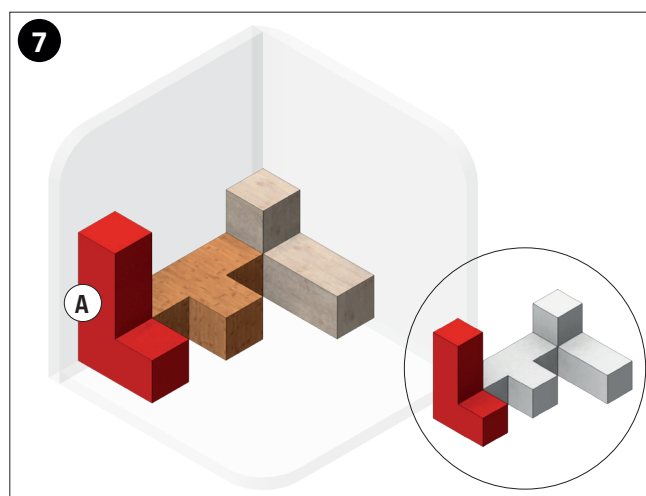
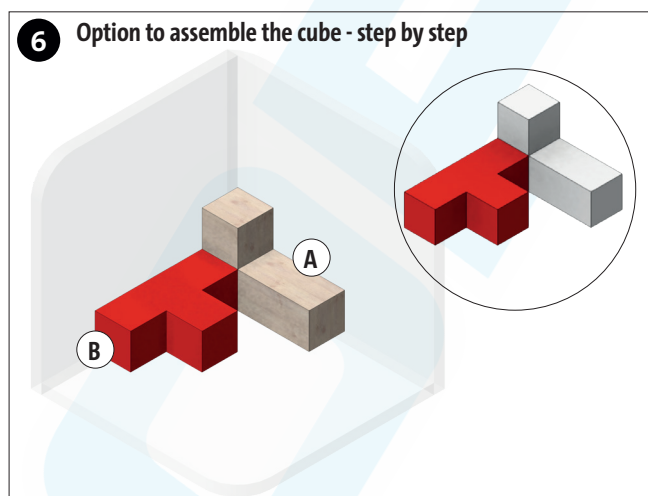
count out 52 wooden cubes (2). Then glue 4 wooden cubes together, as shown, to make 13 identical pieces (A). Once the glue has dried, sand all the finished parts smooth all round with sandpaper.

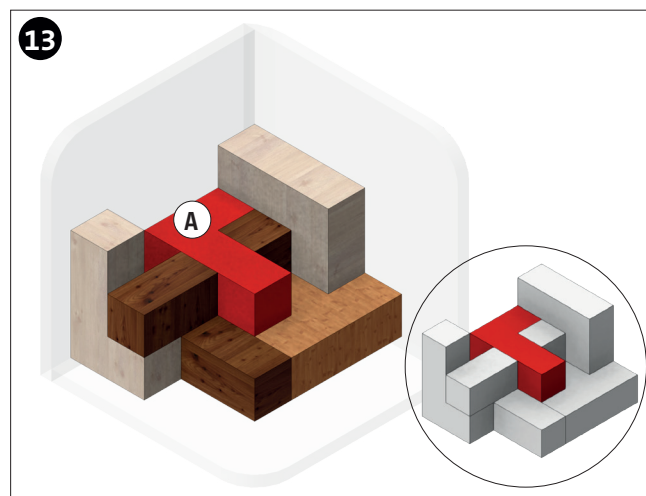
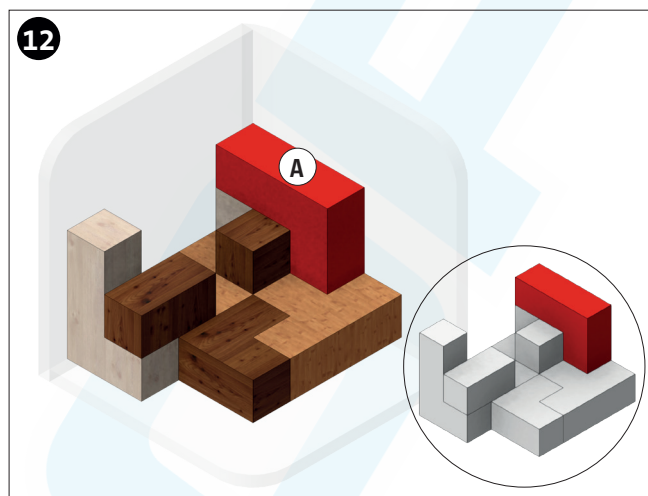
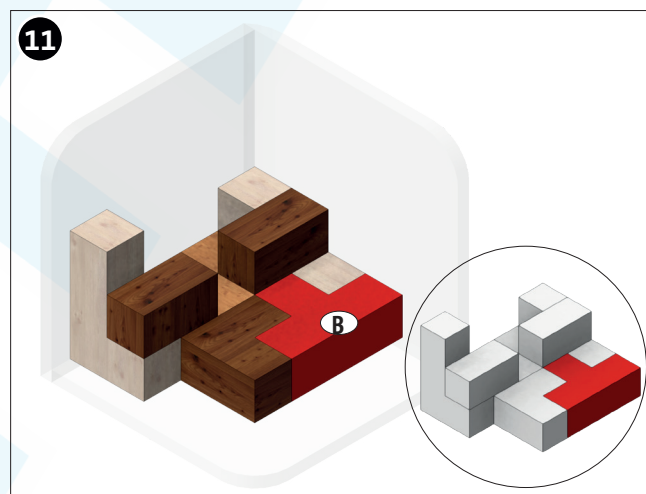
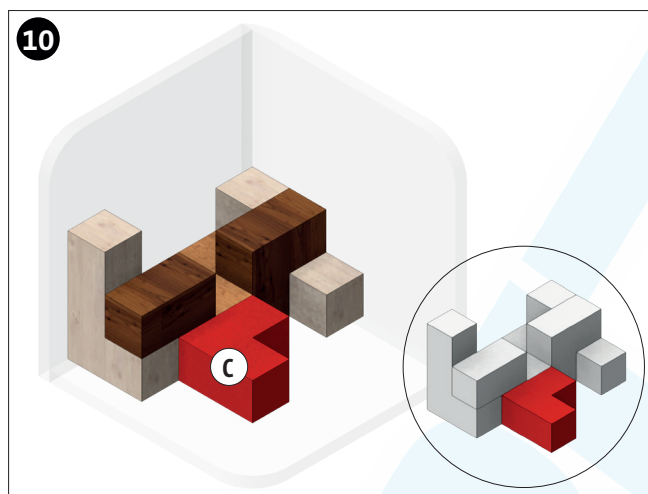
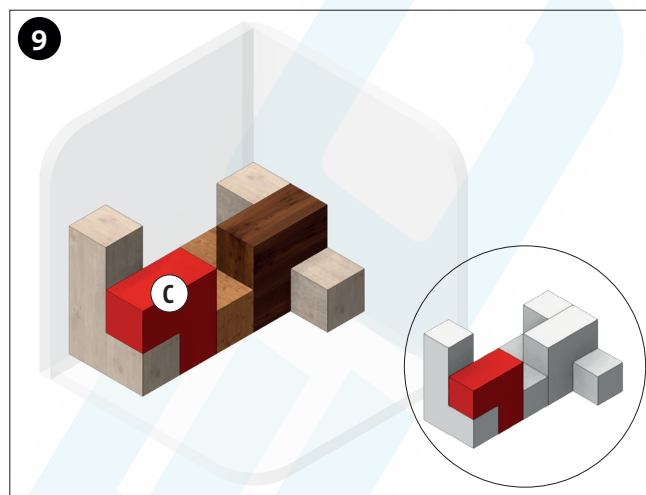
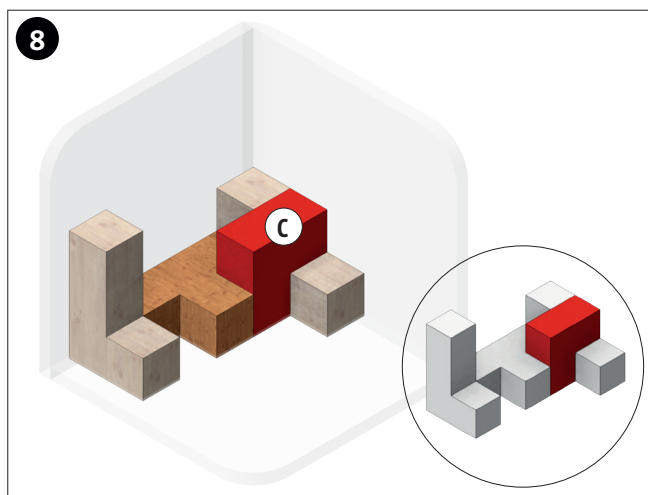


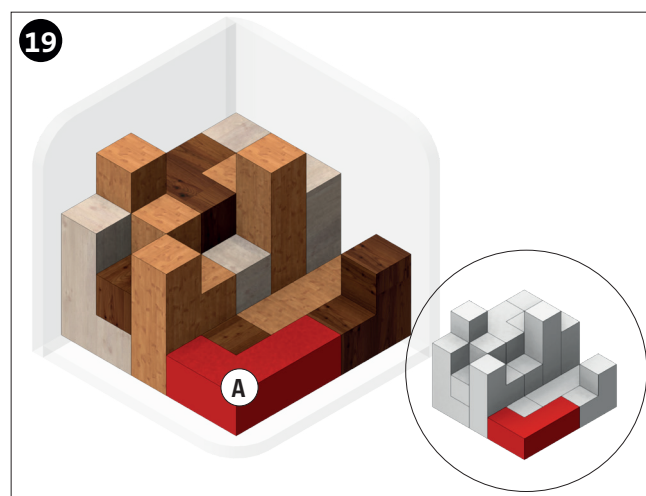
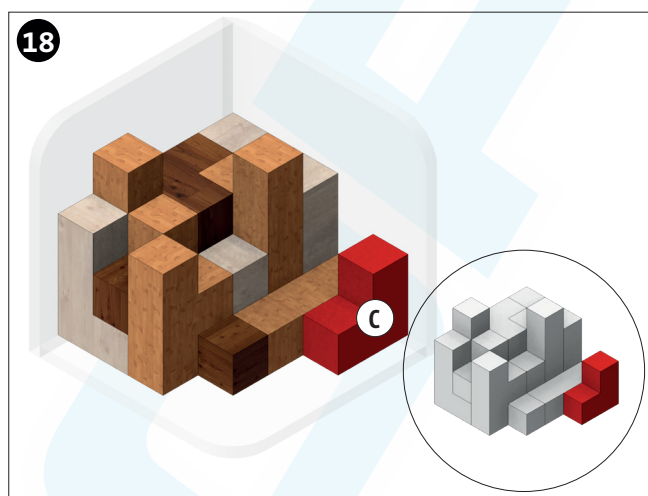
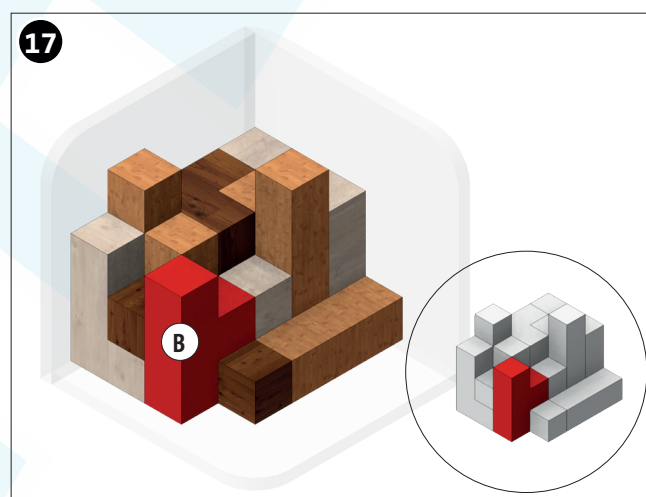
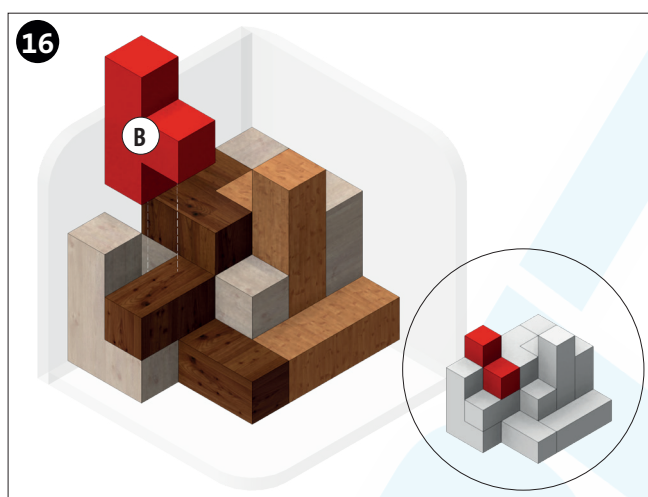
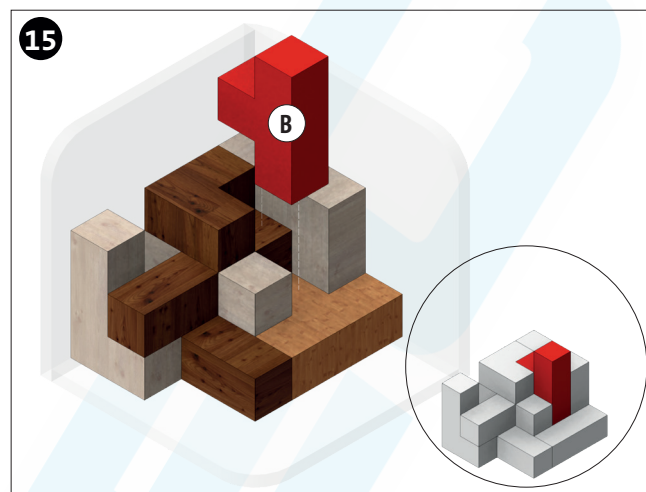
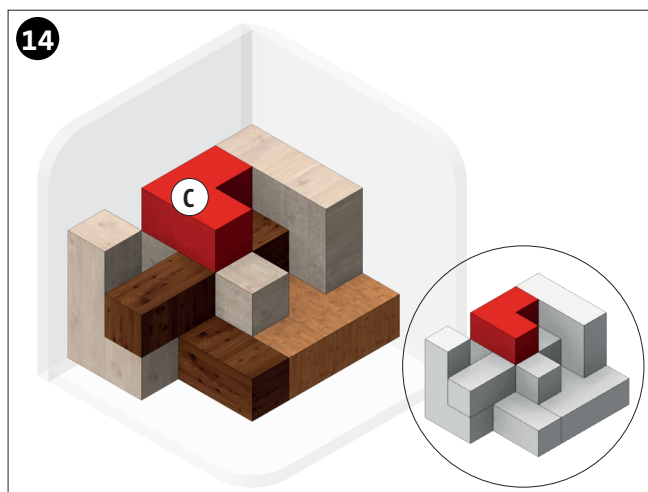
Count out a further 40 wooden cubes (2). Then glue 4 wooden cubes together, as shown, to make 10 identical pieces (B). Once the glue has dried, sand all the finished parts smooth all round with sandpaper.

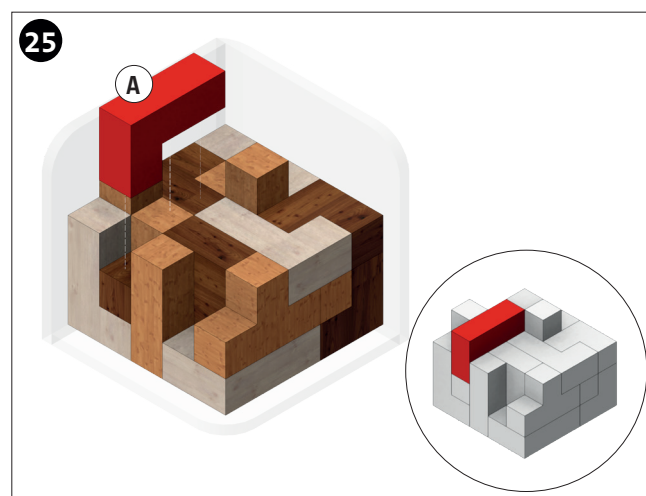
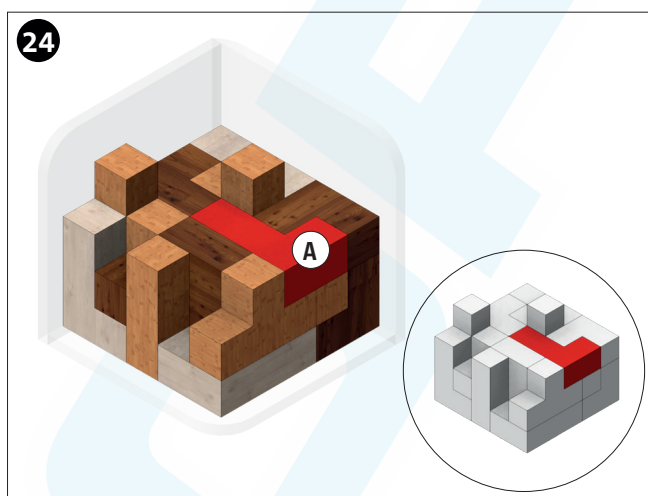
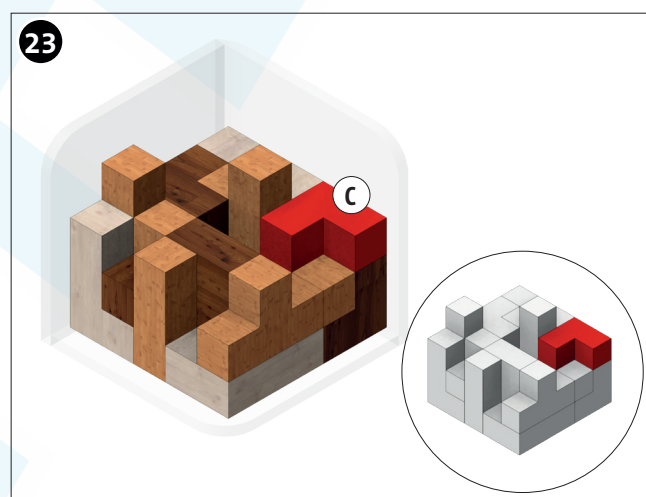
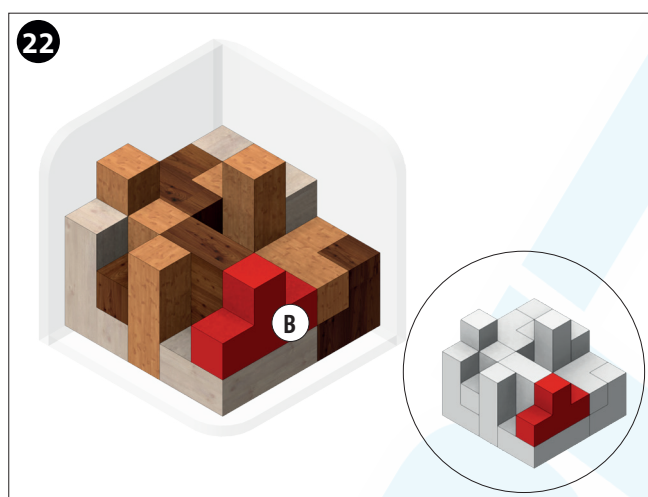
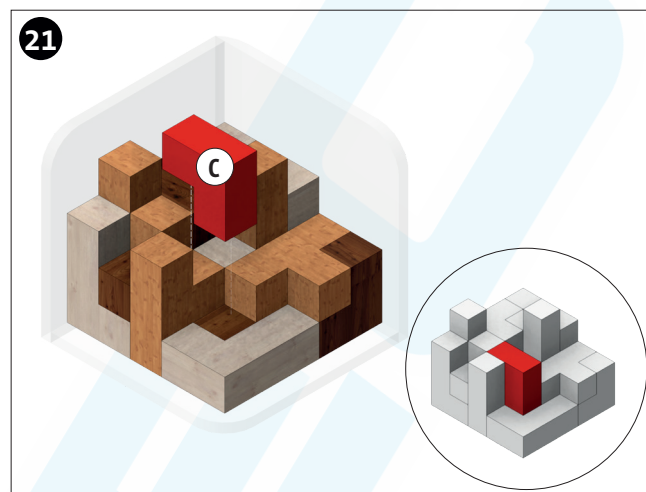
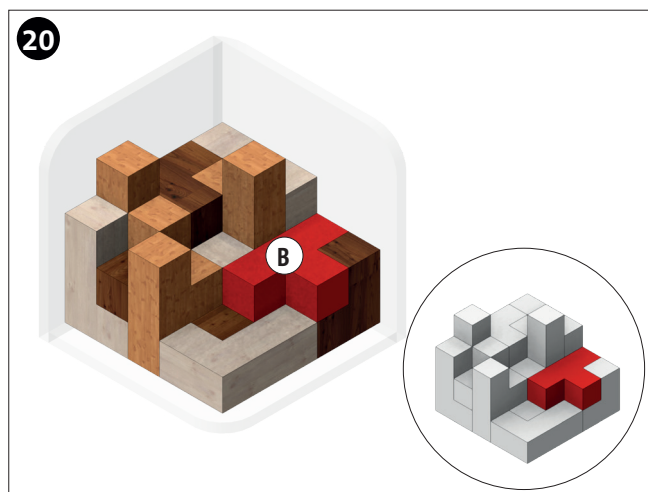


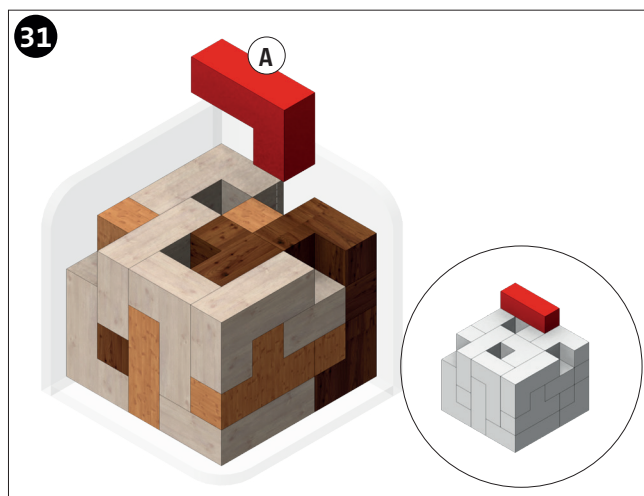
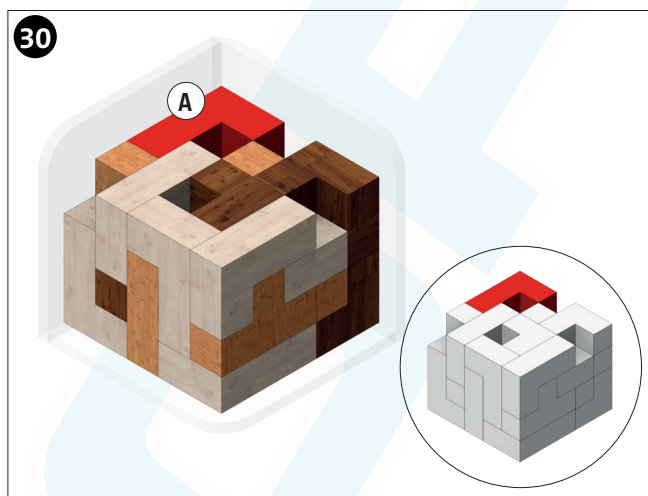
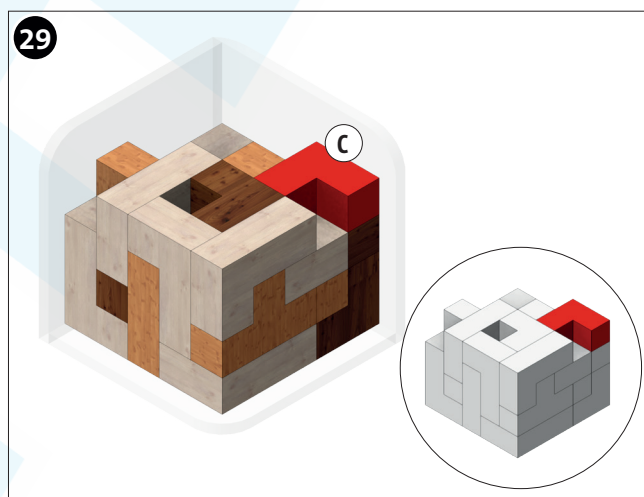
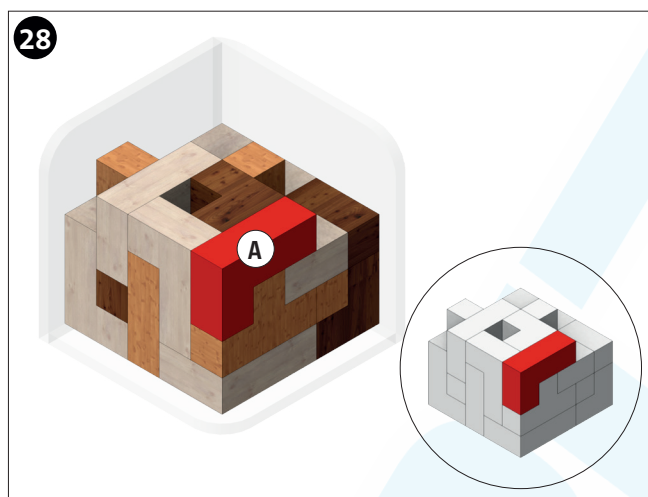
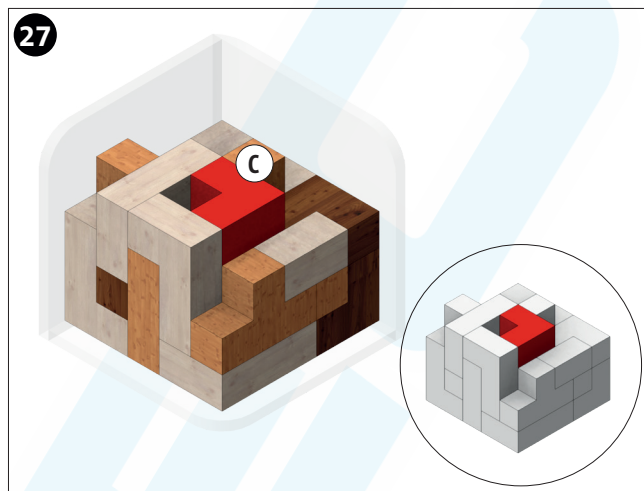
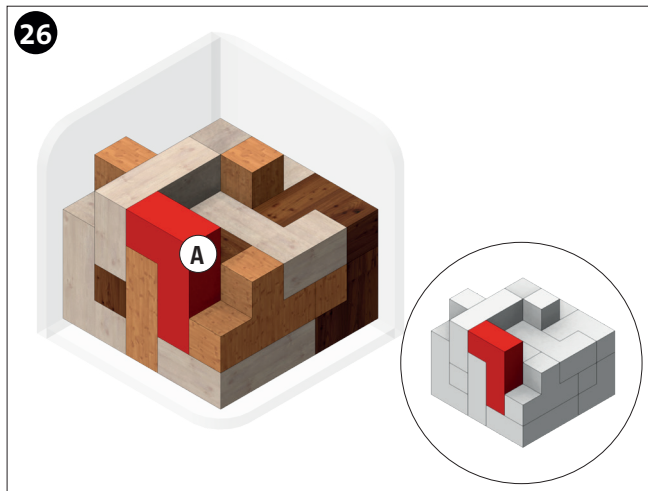
Glue 3 of the remaining wooden cubes (2) together, as shown, to make 11 identical pieces (C). Once the glue has dried, sand all the finished parts smooth all round with sandpaper.

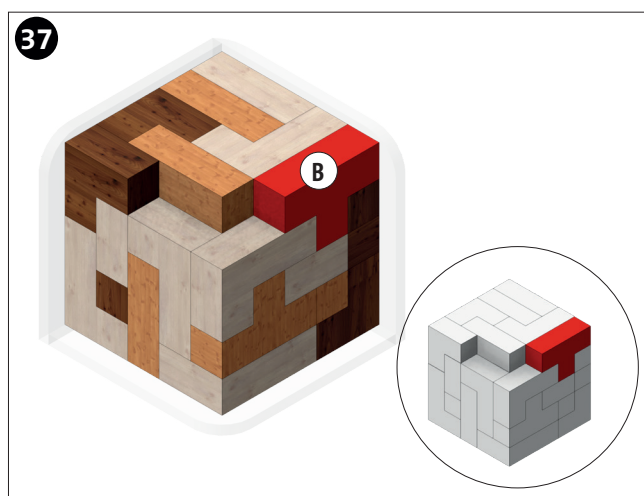
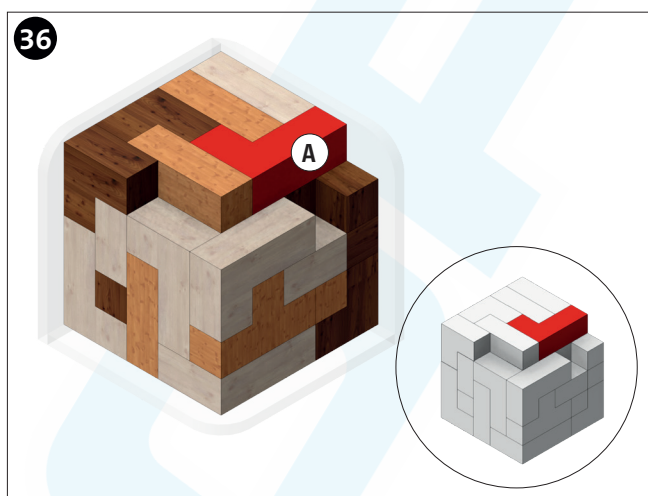
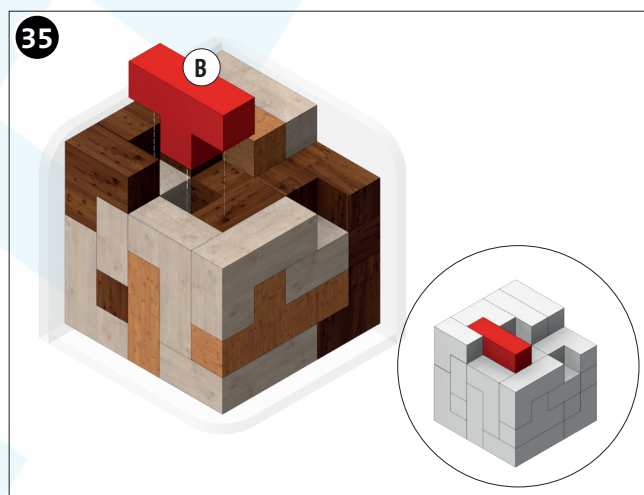
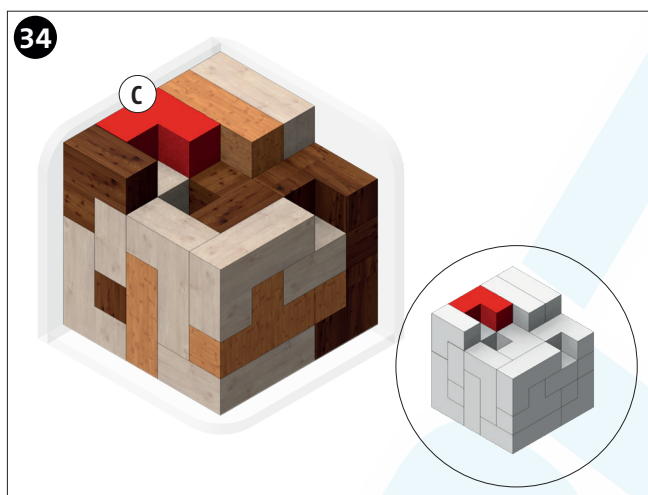
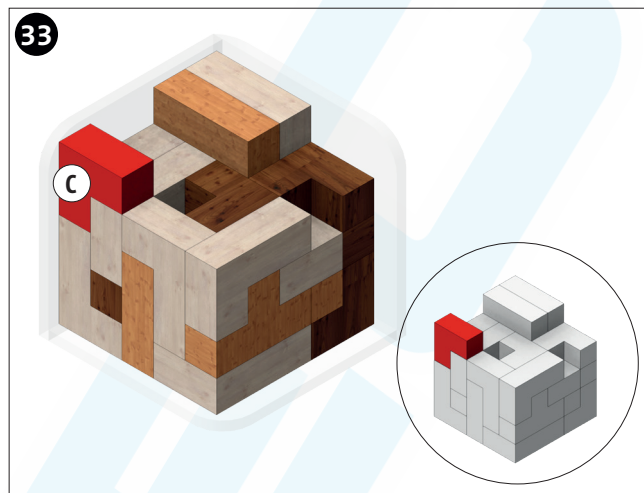
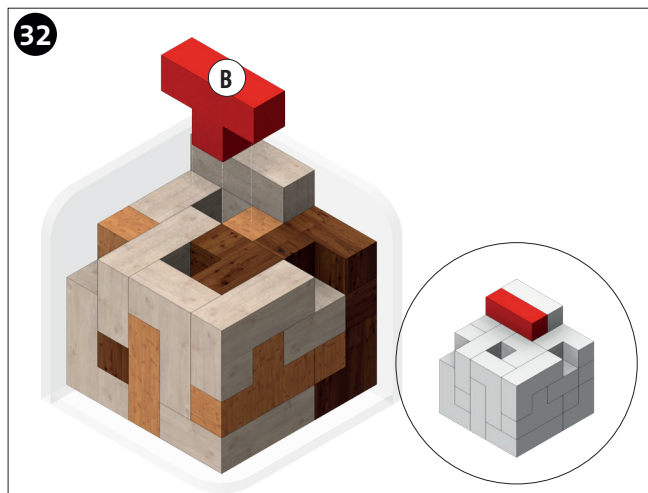


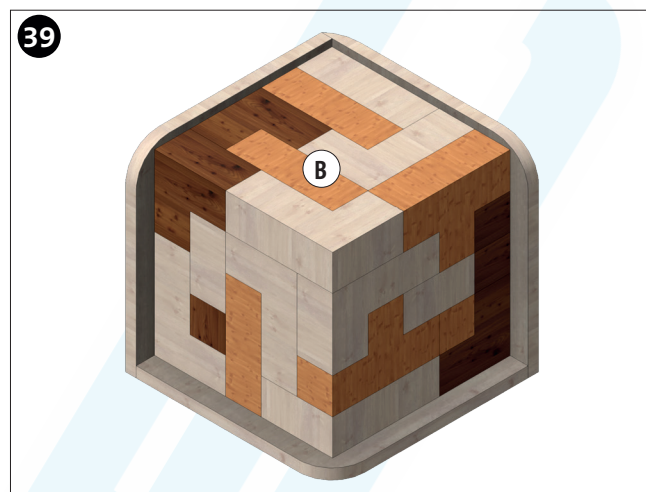
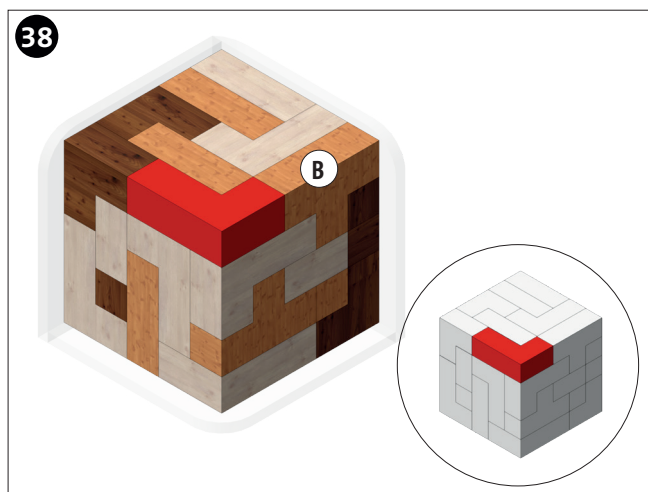










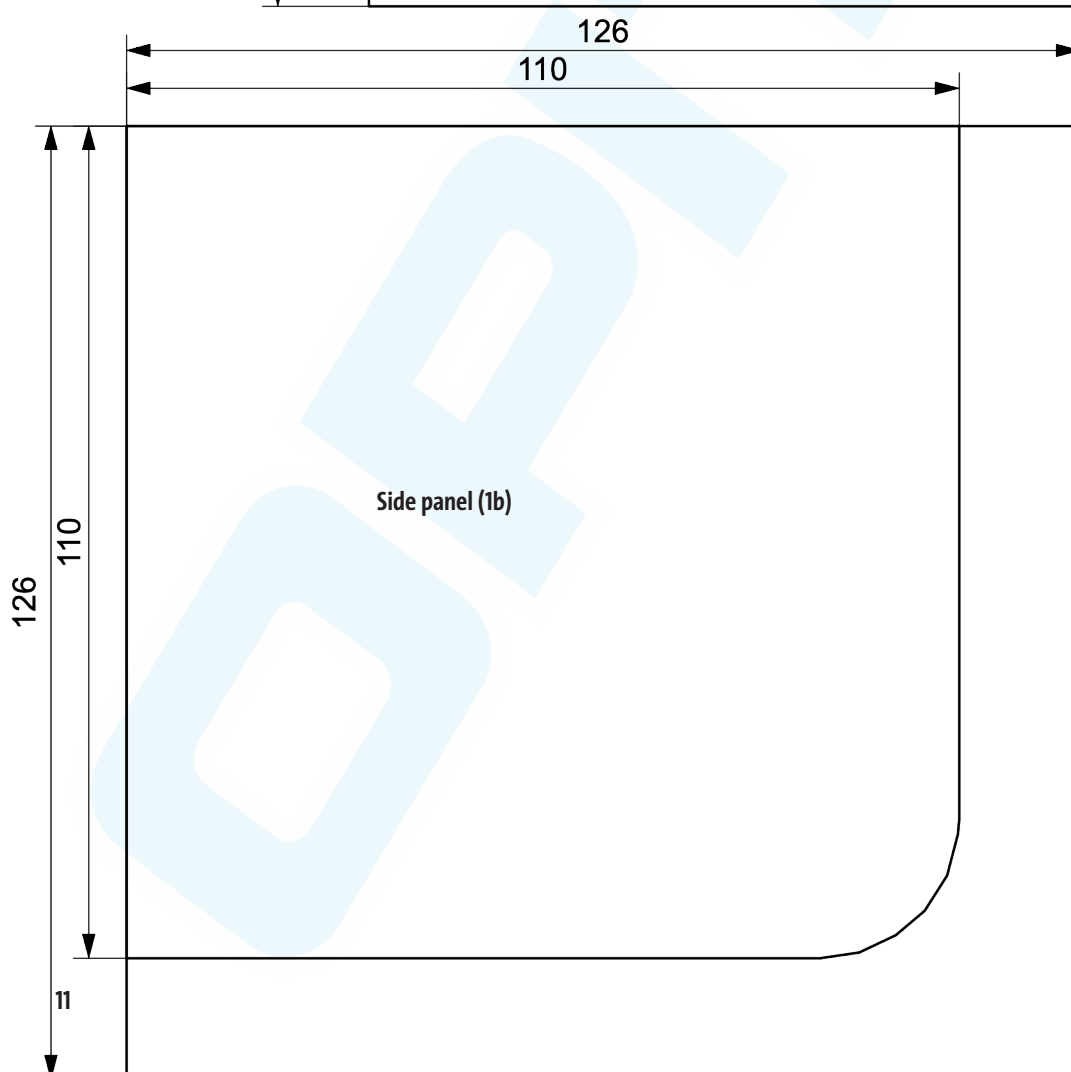
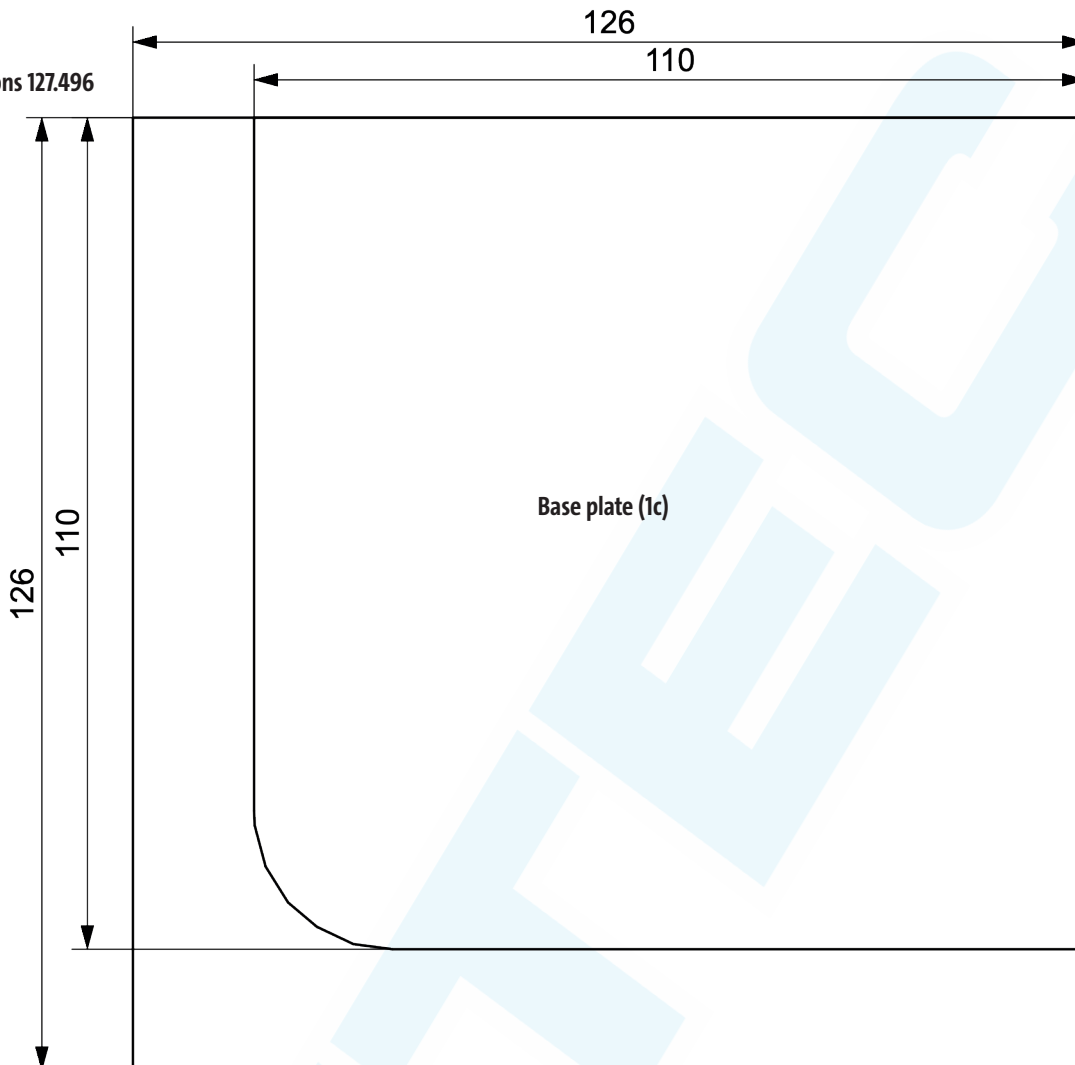


This structure serves only as an example. The cube can be constructed in other versions. We hope you enjoy solving the puzzle.



Assembly instructions 127.496
3D puzzle cube

Frame
M1: 1





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3D puzzle cube

Frame
M1: 1

