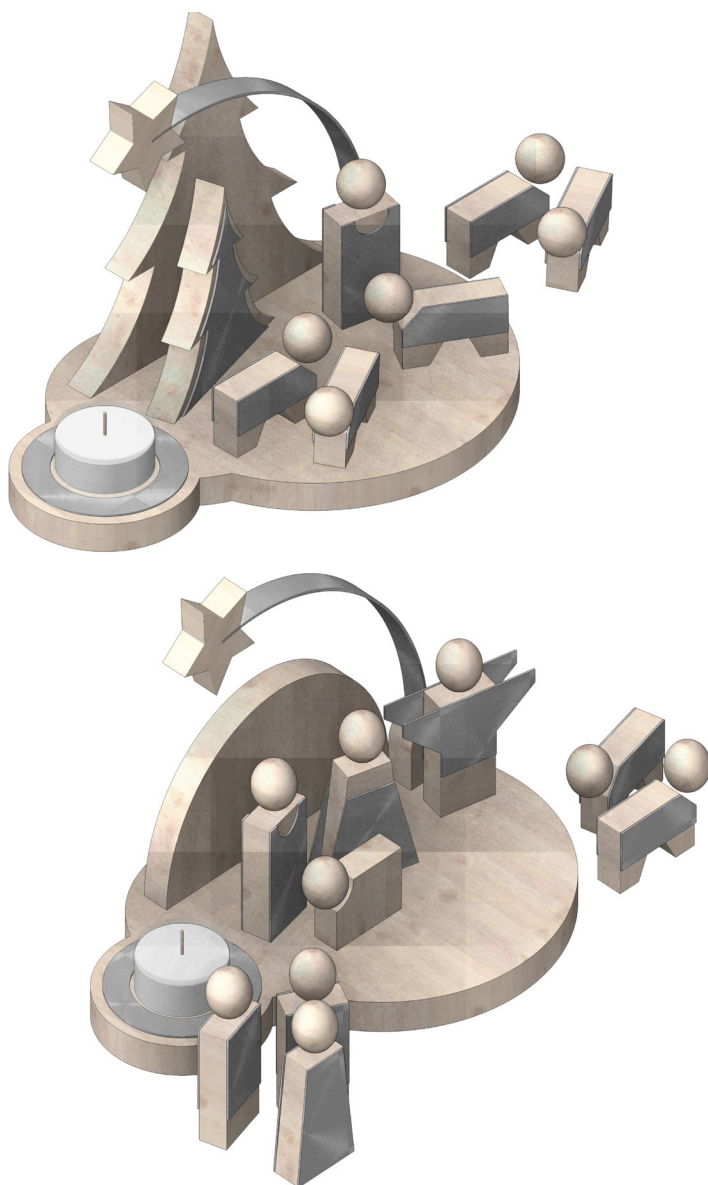
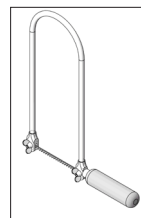
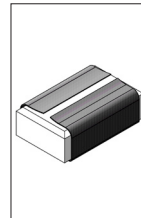


121.951

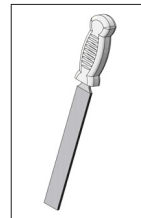
Winterland / Christmas crib



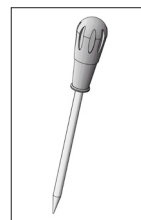
Tools Required:

Fretsaw or
Scrollsaw

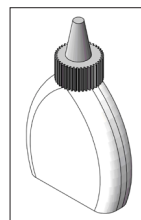
Sandpaper



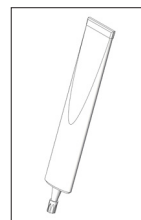
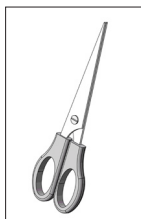
Engineer's File



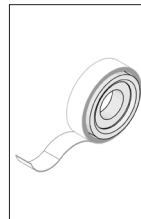
Pricking Awl



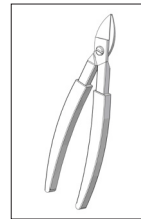
Wood Glue

All Purpose
Glue Superglue

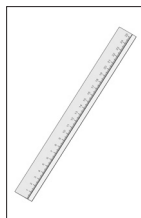
Scissors



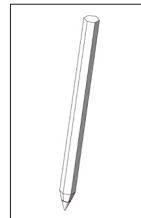
Adhesive Tape



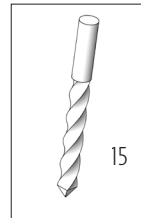
Metal Scissors



Scissors



Pencil



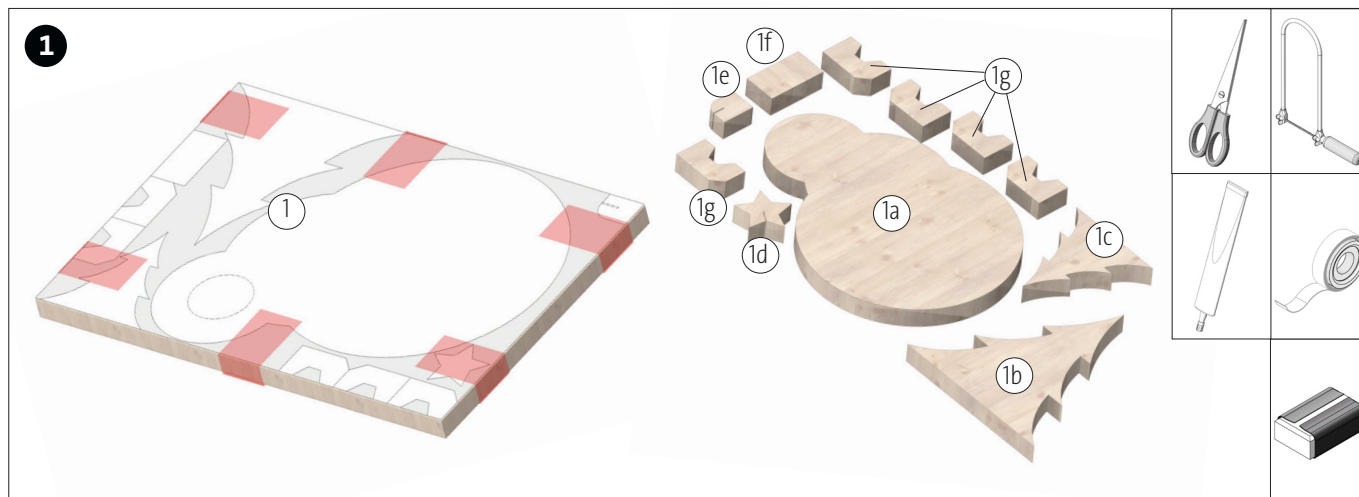
Drill Bit

Please Note:

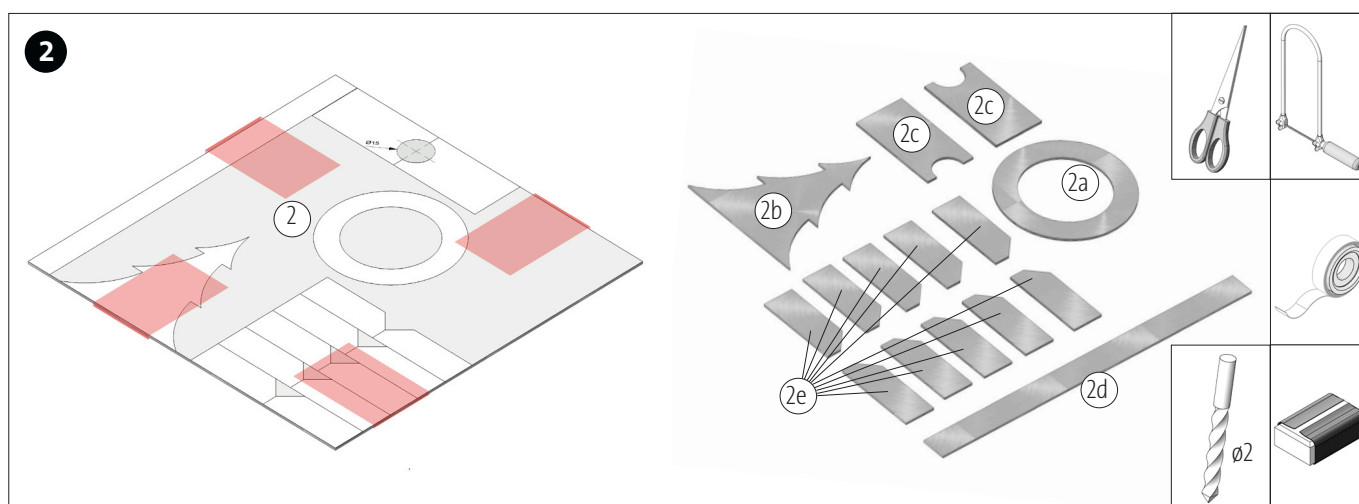
Finished projects of OPITEC handcraft kits are not play toy articles in the same sense as general commercially available ones, but rather are intended as teaching and learning material supporting educational objectives. The content of this construction kit may only be built and used by children and adolescents under the guidance and supervision of qualified adults. Not suitable for children under 36 months. Risk of suffocation!

Parts List	Quantity	Size (mm):	Description	Part no.
Plywood	1	300x210	Base plate	1
Aluminium sheet	1	170x170x0,8	Clothing	2
Wooden balls without holes	10	ø 18	Heads	3

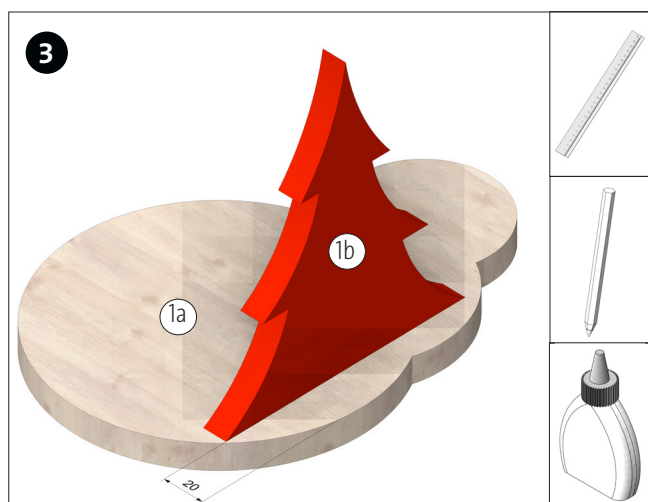
Construction Option 1 Winterland:



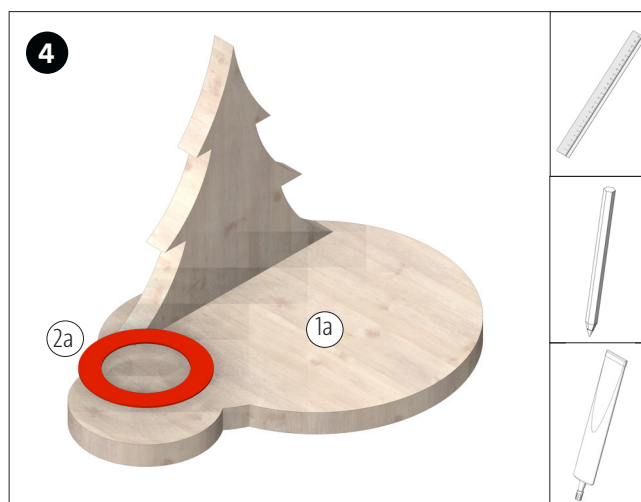
Cut out the patterns (page 7/9) and glue them on the adhesive surface. Then fix it with adhesive tape on the plywood panel (1). Saw out the individual parts and clean all saw cuts with sandpaper.



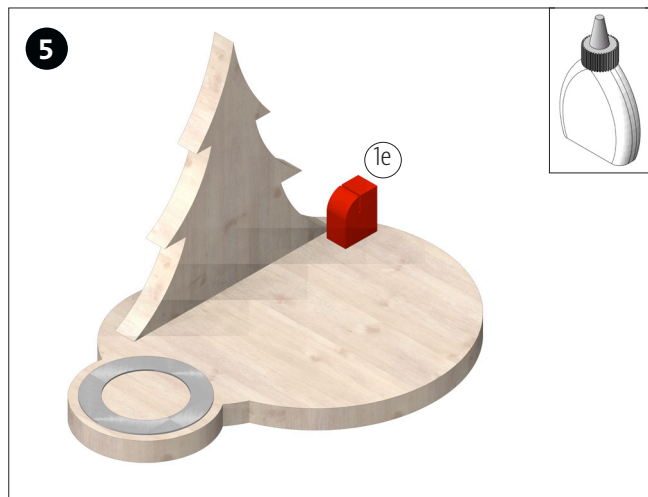
Cut out the pattern (page 11) and fix it with adhesive tape to the aluminium sheet (2). Then cut out the individual parts with a fretsaw with hacksaw blade or with metal scissors and deburr the cut edges.



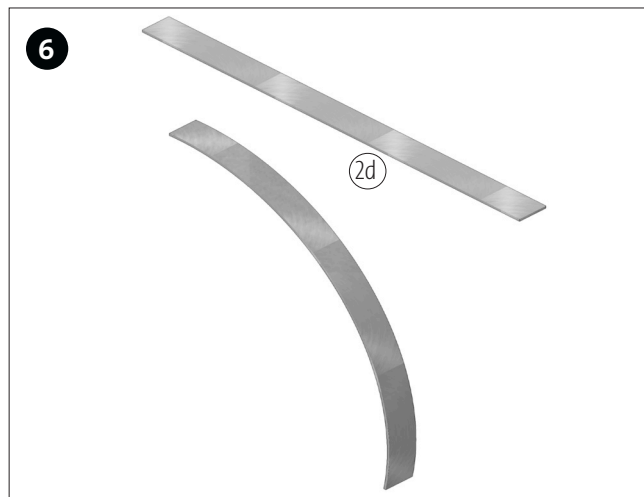
Glue the tree (1b) as a back panel to the base plate (1a) as shown.



Glue the aluminium ring (2a) onto the base plate (1a) as shown.

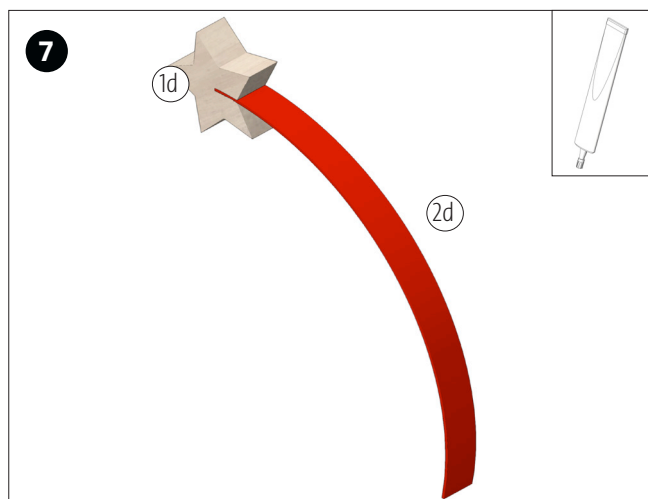


Glue the holder for the star (1e) onto the base plate (1a) as shown.



Bend the aluminium strip according to the bending pattern (page 11) as shown.

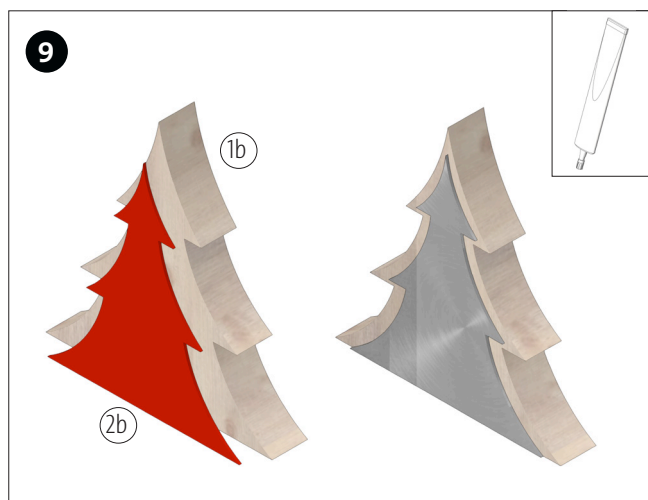
Note: the base plate can be used as a bending aid.



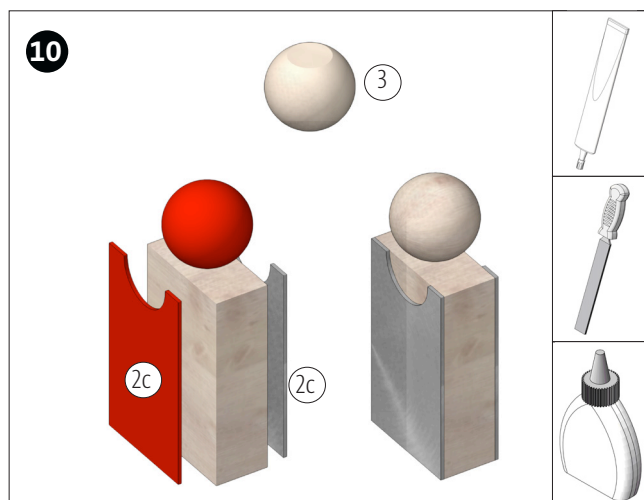
After that, insert or glue the aluminium strip (2d) into the saw cut of the star (1d).



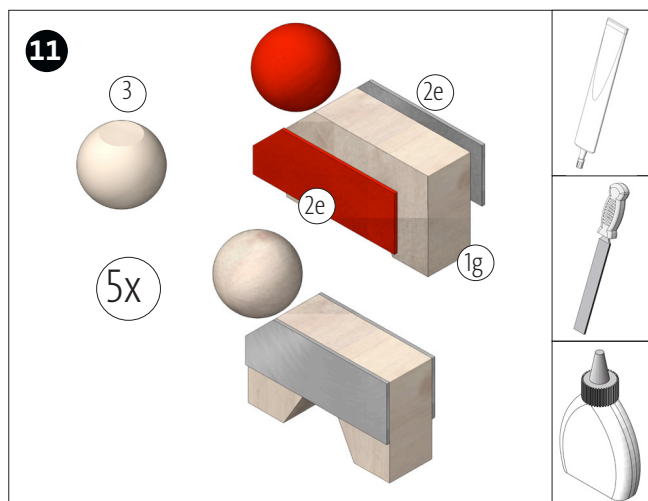
Insert or glue the aluminium strip with the star in the holder (1e) as shown.



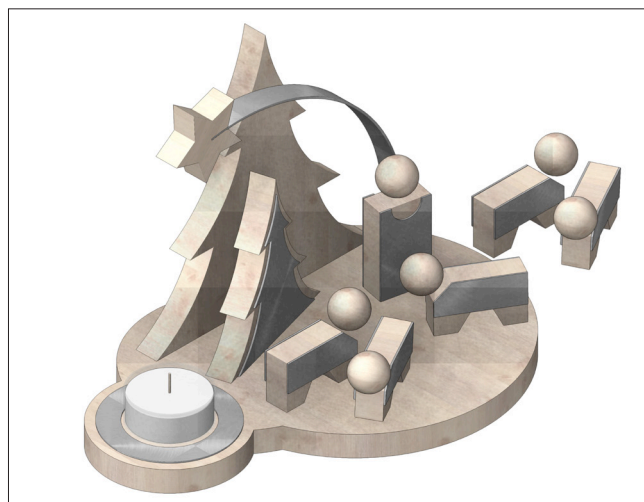
Glue the aluminium part (2b) onto the wooden tree (1b) as shown.



Flatten a wooden ball (3) on one side and glue it centered on the wooden part (1f) as shown. Then glue the two aluminium parts (2c, 2d) on both sides.

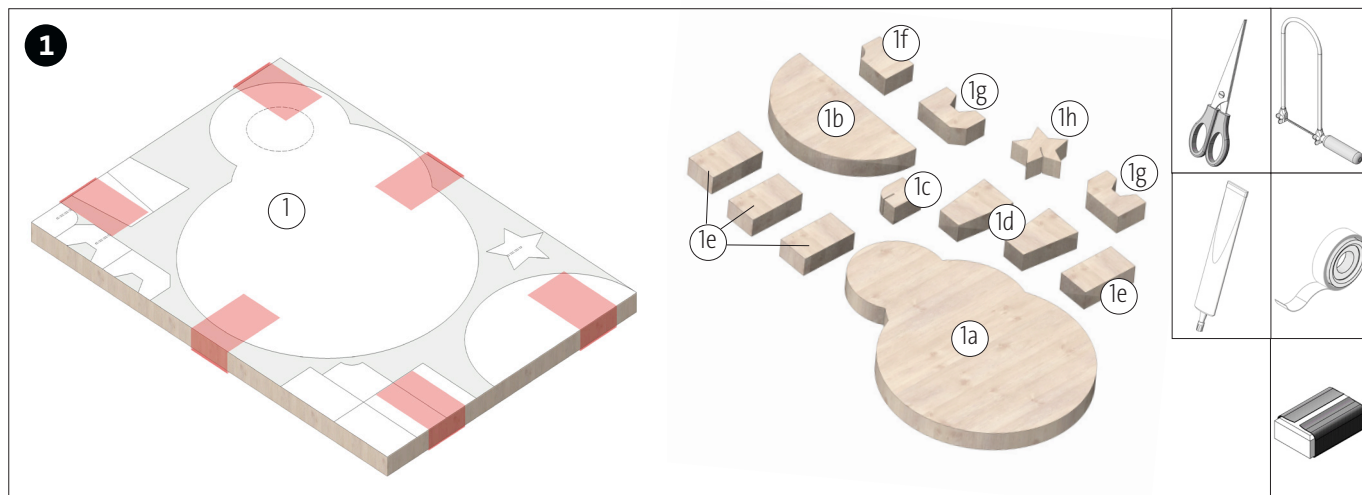


Flatten one wooden ball (3) on one side for each of the sheep. Then glue it centered on the bevelled edge (part 1g) as shown. After that glue one part (2e) on each side.

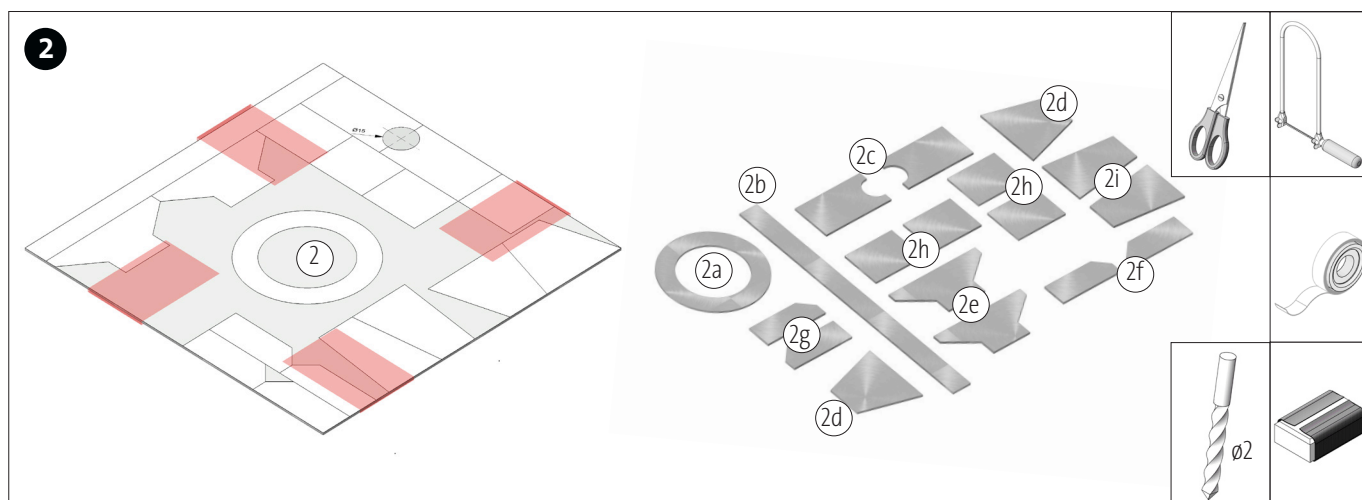


Distribute the completed figures as you like on the base plate. Place a tea light in the middle of the aluminium ring. Done!

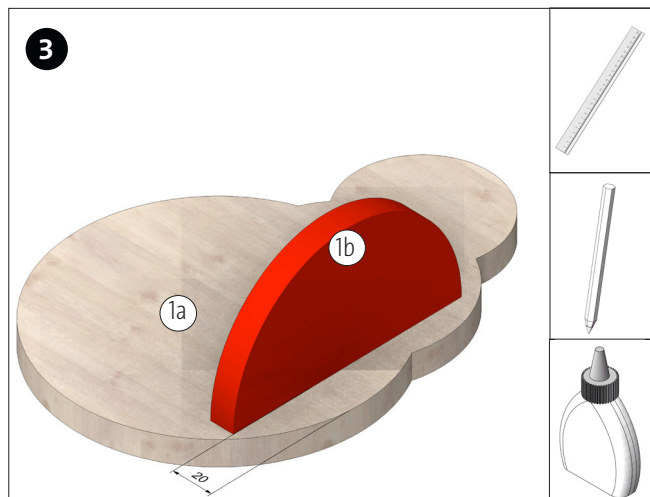
Construction Option 2: Christmas Crib



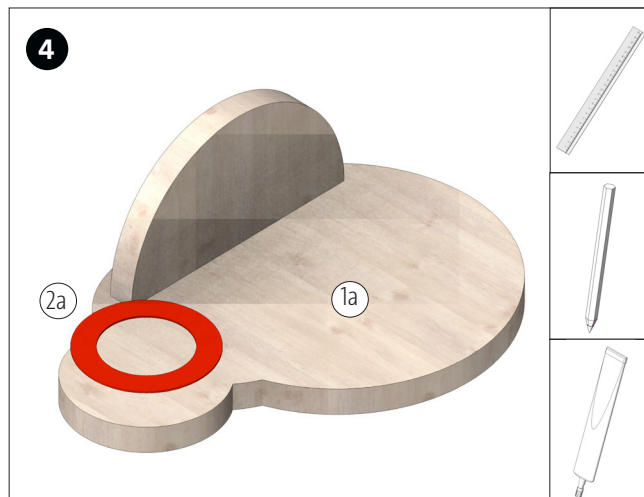
Cut out the patterns (page 8/10) and glue them on the adhesive surface. Then fix it with adhesive tape on the plywood panel (1). Saw out the individual parts and clean all saw cuts with sandpaper.



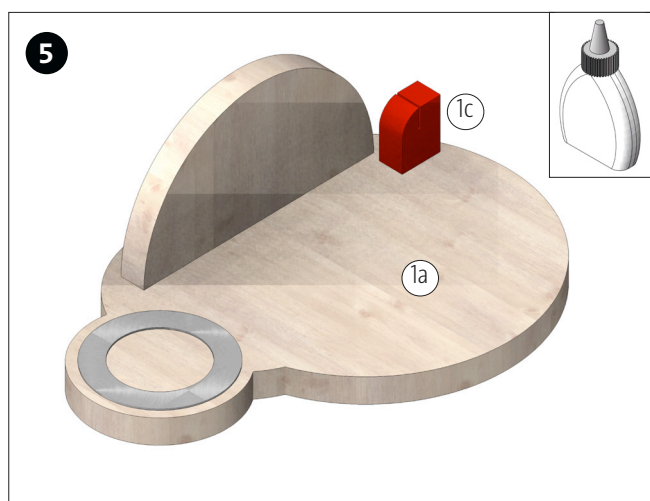
Cut out the pattern (page 12). Fix it with adhesive tape on the aluminium sheet (2). Then cut out the individual parts with a fretsaw with hacksaw blade or with metal scissors and deburr the cut edges.



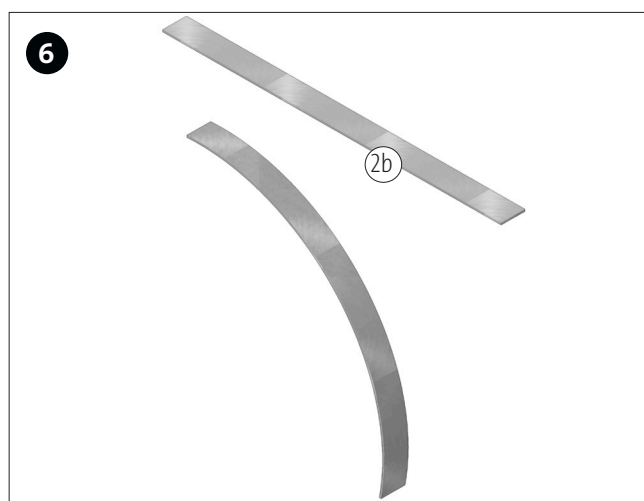
Glue the semicircle (1b) as a back panel to the base plate (1a) as shown.



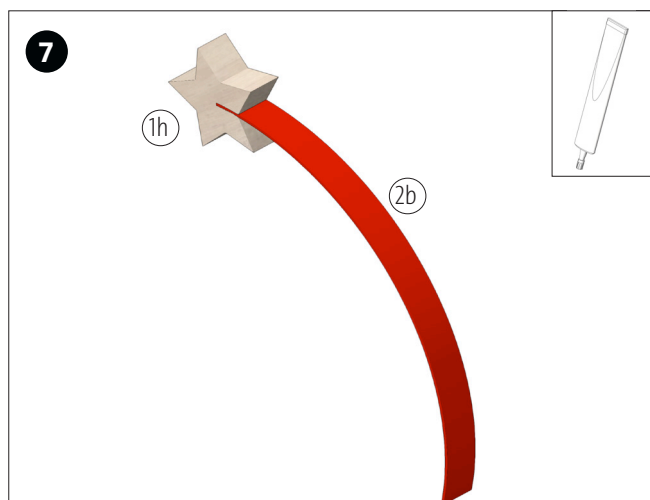
Glue the aluminium ring (2a) onto the base plate (1a) as shown.



Glue the holder for the star (1c) onto the base plate (1a) as shown.



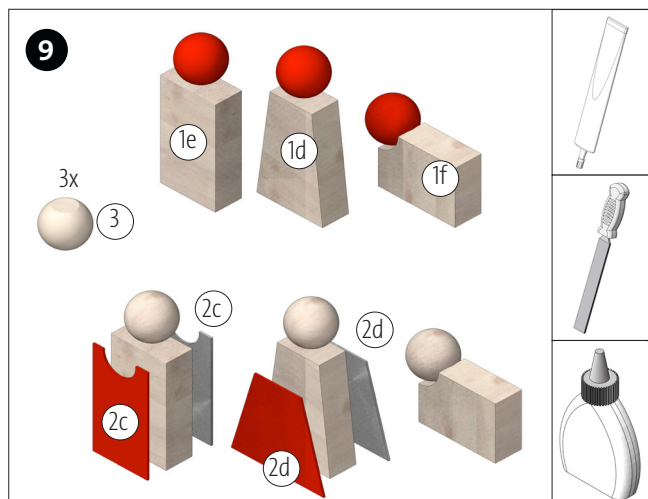
Bend the aluminium strip (2b) according to the bending pattern (page 11) as shown.



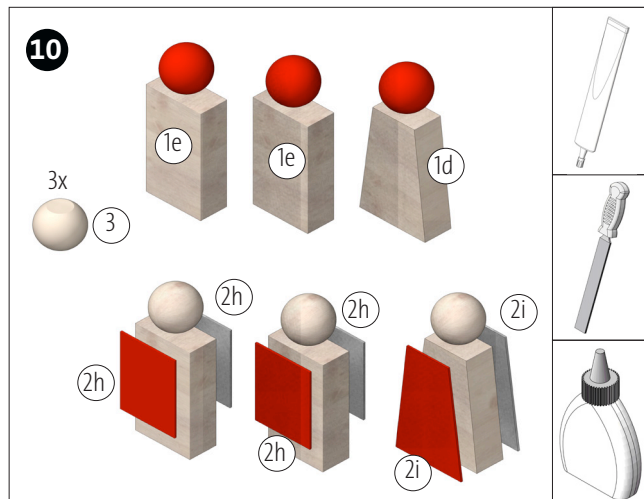
After that, insert or glue the aluminium strip (2b) into the saw cut of the star (1h).



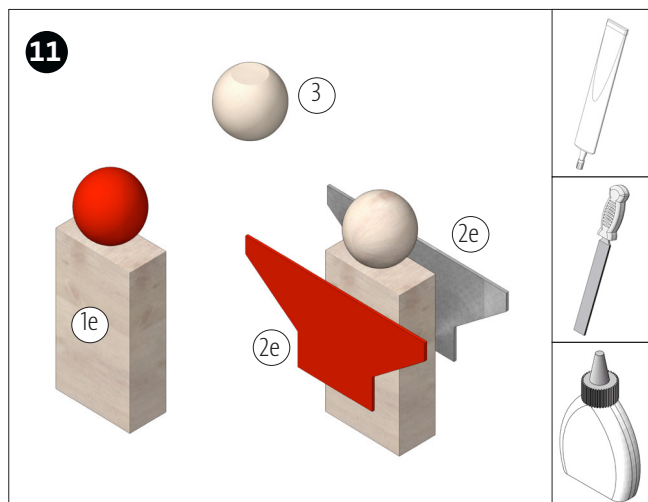
Insert or glue the aluminium strip with the star in the holder (1c) as shown.



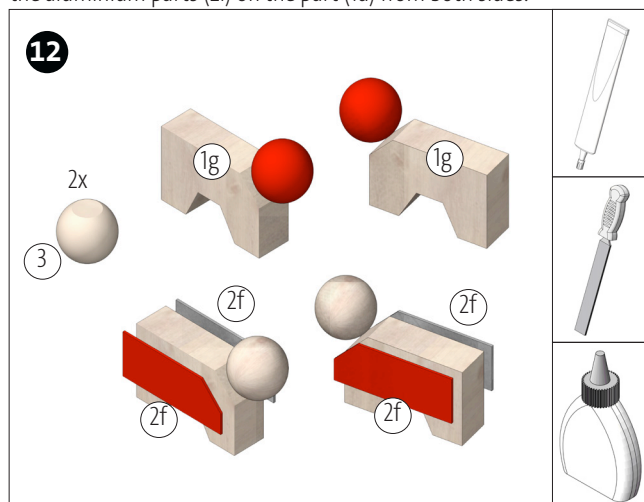
Flatten three wooden balls (3) on one side as shown. Then glue one on each part 1e, 1d and 1f. Glue the aluminium parts (2c) on part (1e) and the aluminium parts (2d) on part (1d). See fig.



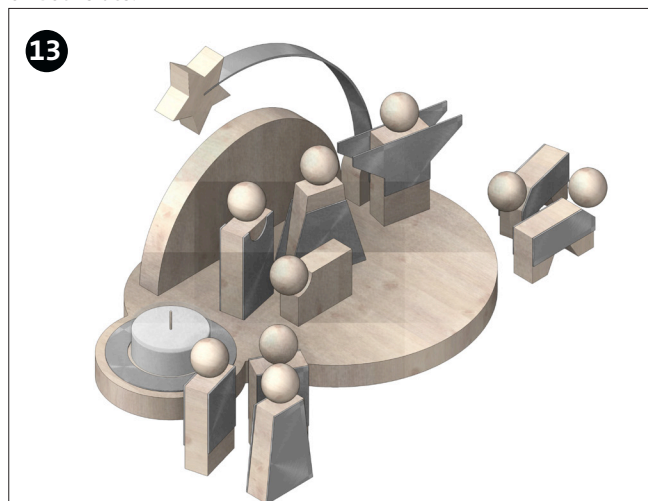
Flatten three wooden balls (3) on one side and glue them centered on the two wooden parts (1e) and one wooden part (1d) as shown. Glue the aluminium parts (2h) on the part (1e) from both sides. Then glue the aluminium parts (2i) on the part (1d) from both sides.



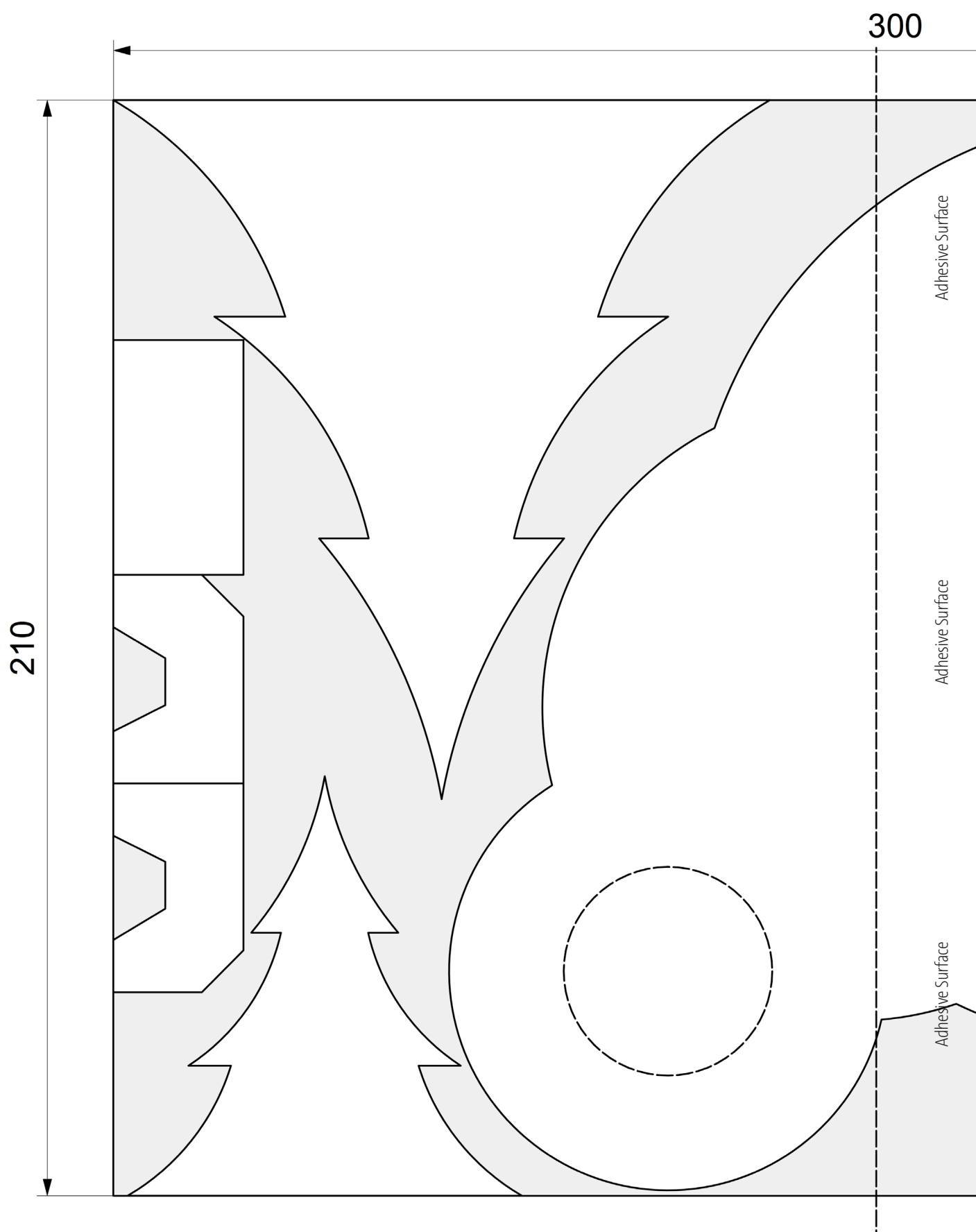
Flatten a wooden ball (3) on one side and glue it centered on the wooden part (1e) as shown. Then glue the two aluminium parts (2e) on both sides.

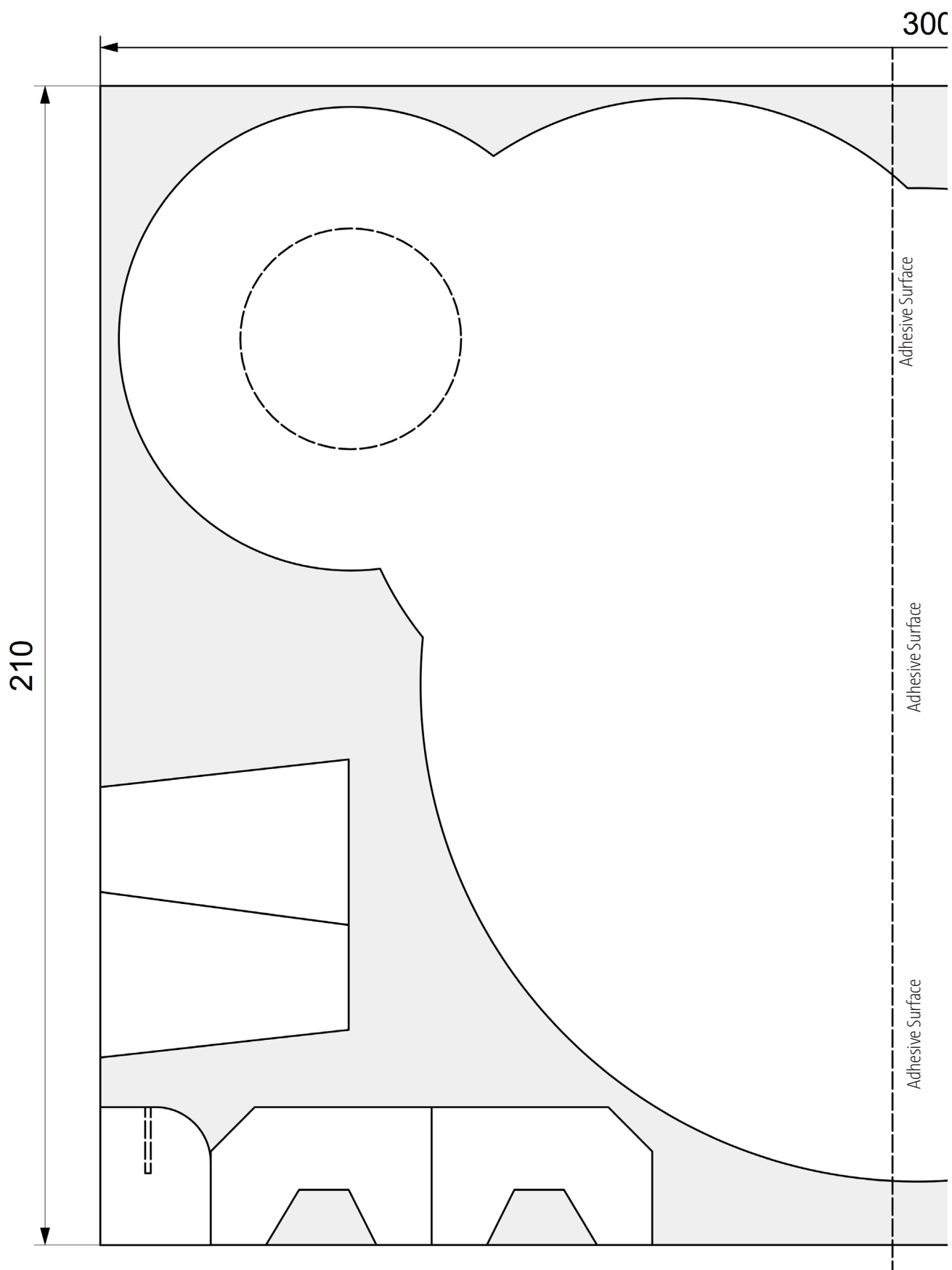


Flatten two wooden balls (3) on one side and glue them on the two wooden parts (1g) as shown. After that glue the two aluminium parts (2f) on both sides.

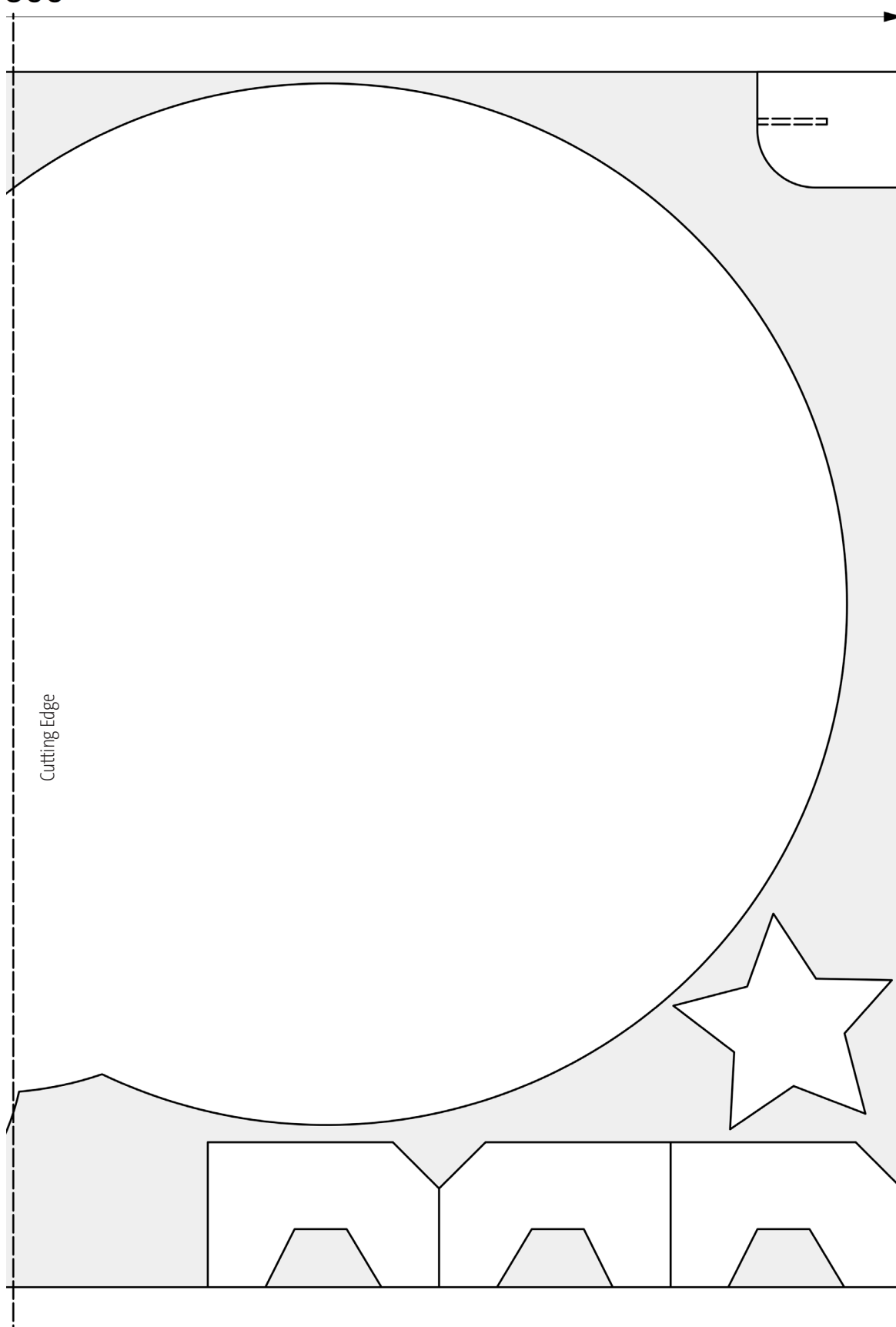


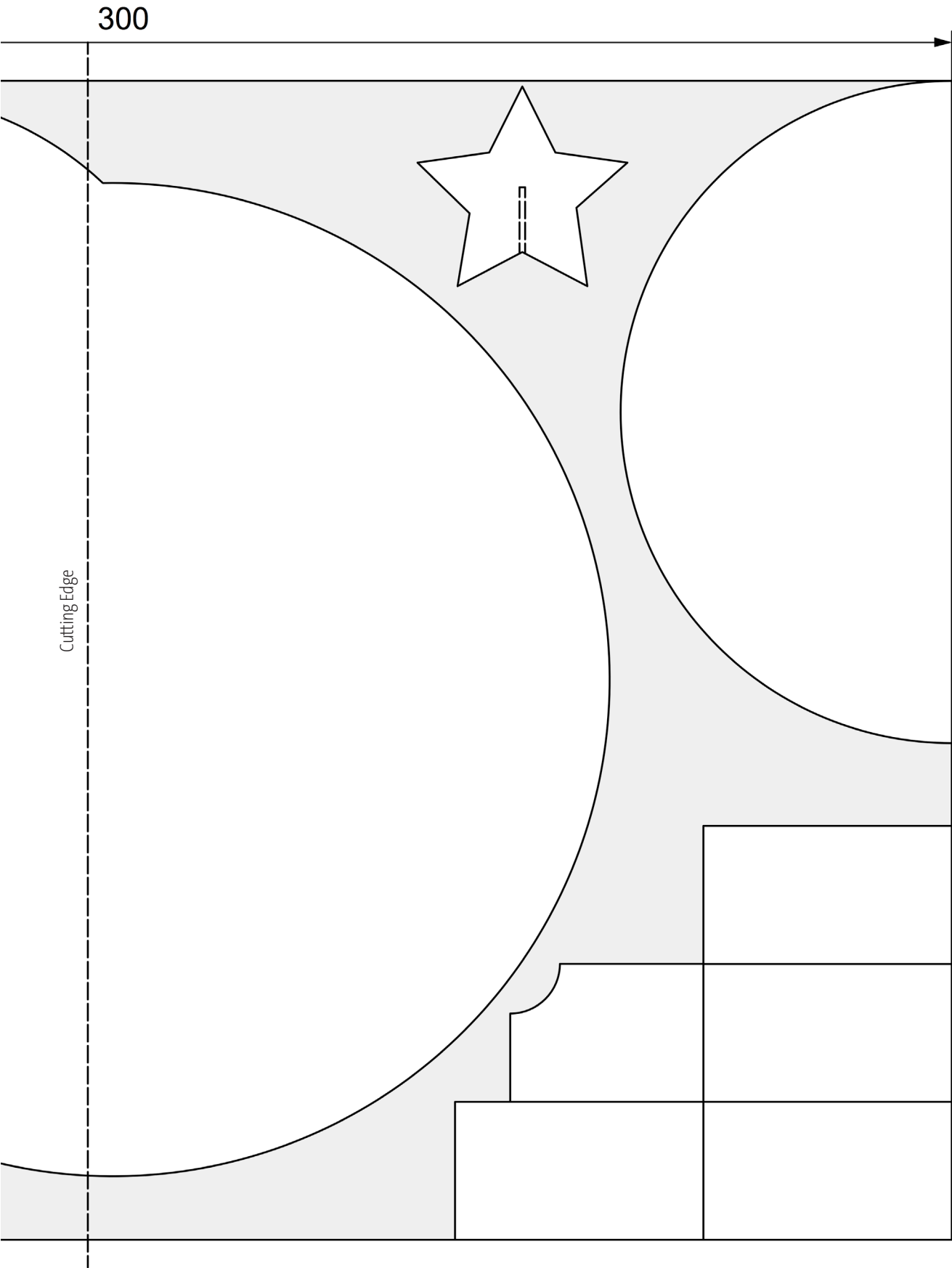
Distribute the completed figures as you like on the base plate. Place a tea light in the middle of the aluminium ring. Done!

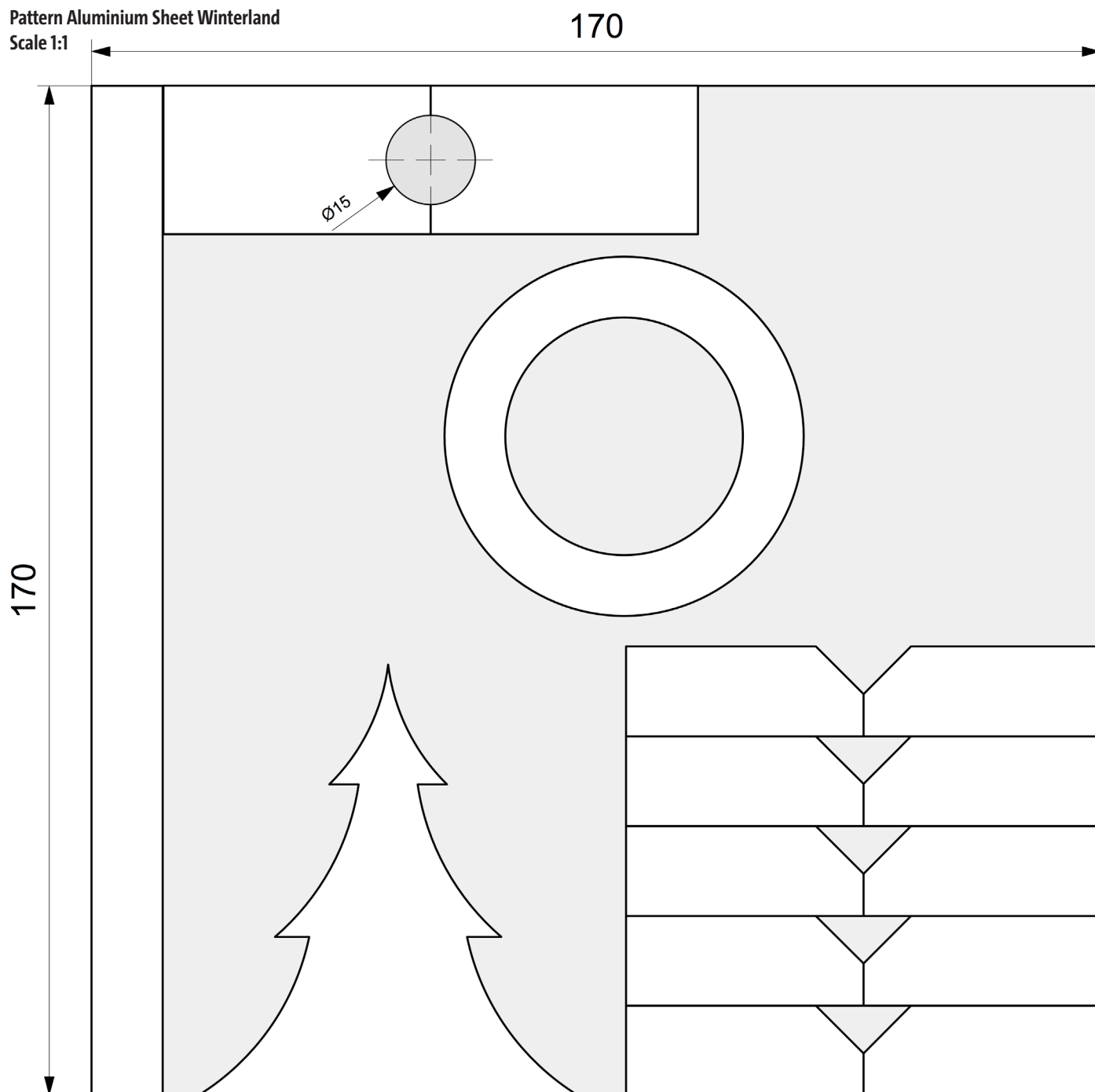




300







Bending Pattern Aluminium Strip Holder Star
Scale 1:1

