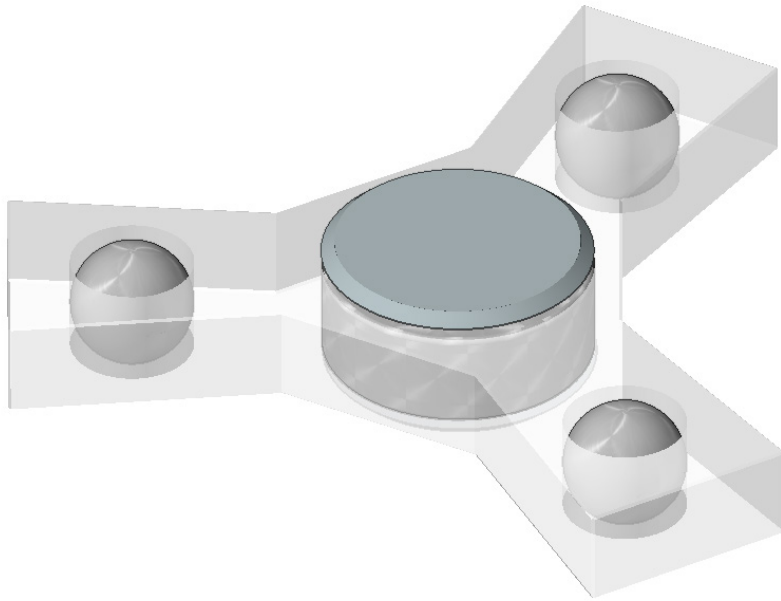
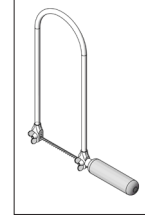


118.325

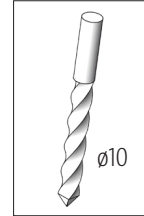
OPITEC Spinner Acrylglas



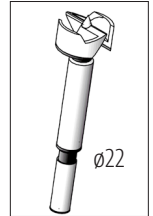
Tools Required:



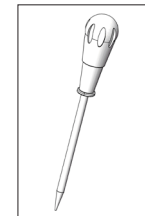
Fretsaw or
Decoupling
Saw



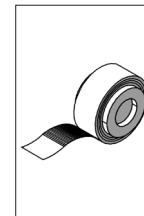
Drill



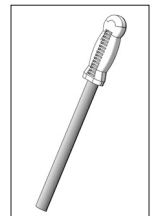
Forstner Drill



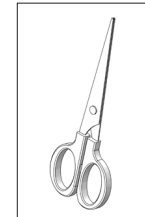
Pricking Awl



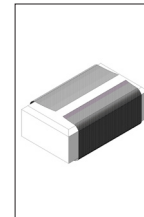
Adhesive Tape



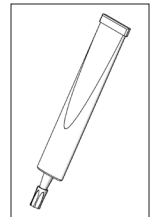
File



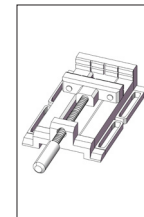
Scissors



Sandpaper



All Purpose
Glue



Machine Vice



Edding Marker
Water Resis-
tant

Please Note!

The OPITEC handicraft packs are not toys in a typical off-the-shelf sense, but rather additional teaching and learning material for educational purposes. This craft pack may only be constructed by children and adolescents under the guidance and supervision of experienced adults. Not suitable for children under 36 months. Choking hazard!

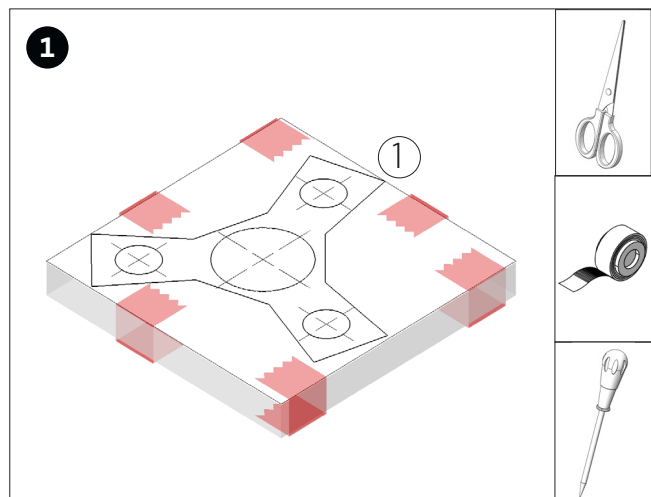
Part List	Quantity	Size (mm):	Description	Part No.
Acrylic Glass Cutting	1	70x70x8	Acrylic Glass	1
Ball Bearing	1	ø22	Ball Bearing	2
Steel Ball	3	ø10	Steel Ball	3
Cap	2	ø22	Ball Bearing Cover	4

General:

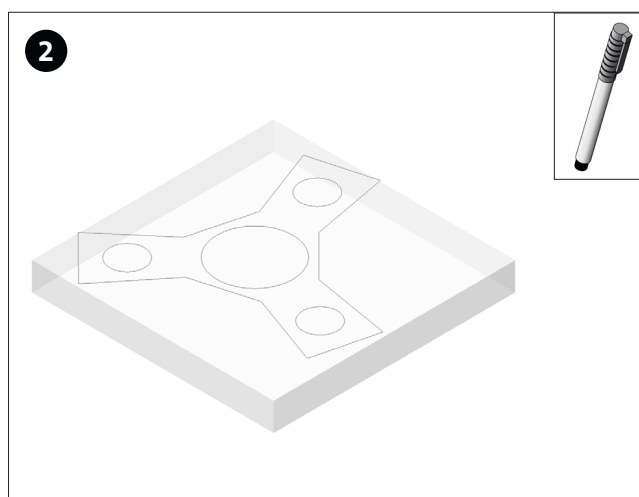
The ball bearing can possibly move not smoothly by preservatives. In this case wash out the bearing with grease-dissolving agent. If compressed air is available, the bearing can also be blown out, taking into account the safety regulations.

Instructions 118314
OPITEC Spinner Acrylglas

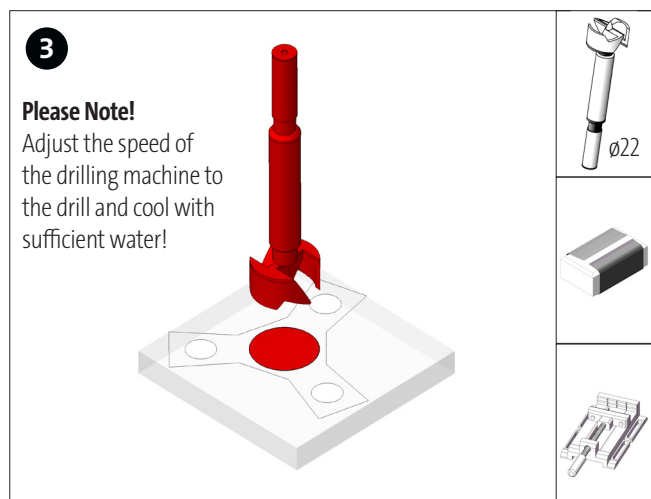
The kit contains 3 steel balls. Template 1-4 can be created with the contents in the kit. For further design options (see template 5-6) additional accessories are available in our range! (Steel ball \varnothing 6mm: Item No. 200754, \varnothing 10mm Item No. 200743)



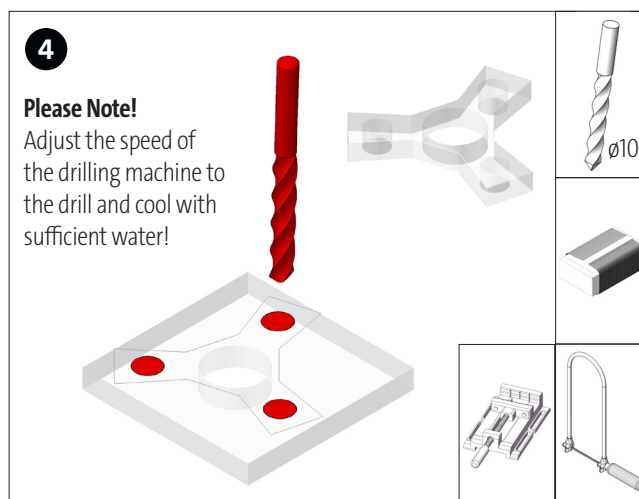
Cut out the desired template (page 3) and glue it with adhesive tape on the plywood plate (1). Mark the holes with the prong.



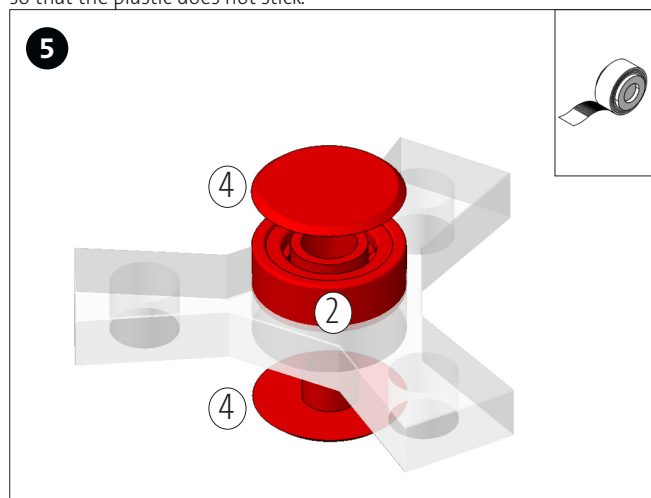
Mark the contours with a water resistant pen.



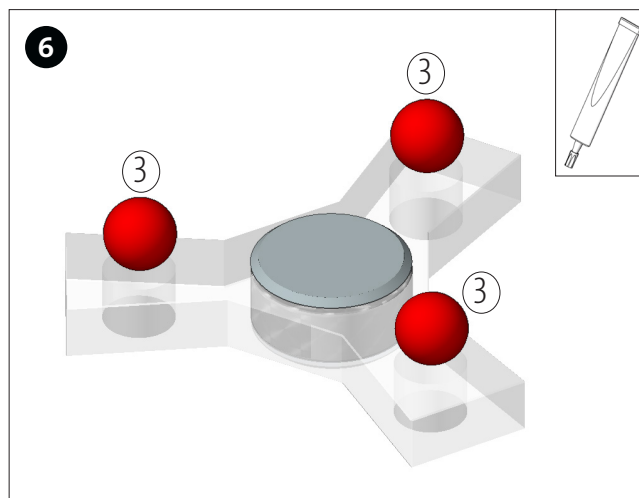
Drill and clean the center hole for the ball bearing (2) with the Forstner drill (\varnothing 22). During the drilling process it is important to cool with water so that the plastic does not stick.



Drill the holes (\varnothing 10 mm) and clean them. Then saw the spinner and polish saw cuts. Note: When sawing and drilling cool with water.

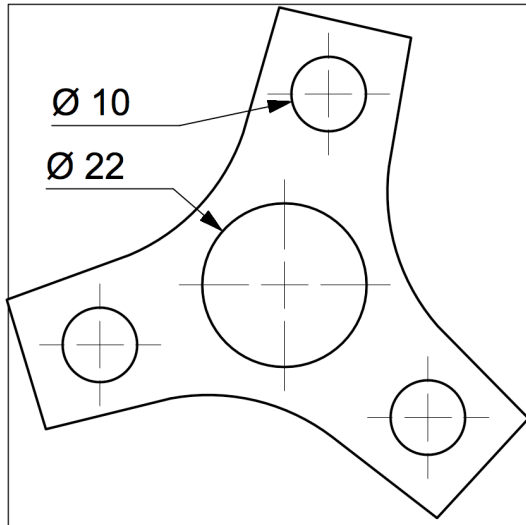


Insert the ball bearing (2) into the center hole. If the ball bearing is too loose in the hole, stick some tape around the ball bearing and then insert. Insert the cover caps (4) from both sides into the bore of the ball bearing.

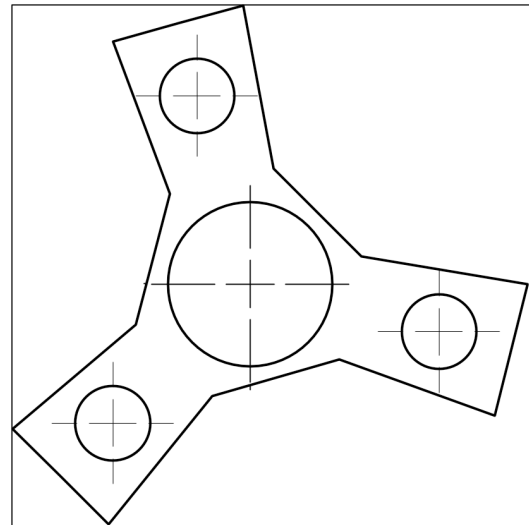


Place the balls (3) as shown in the holes (\varnothing 10), and fix them with glue.

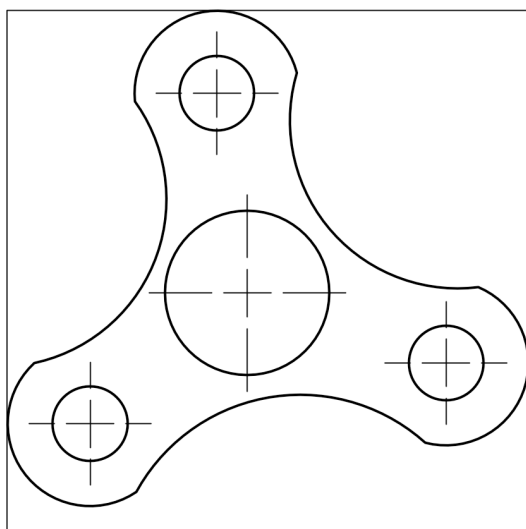
Template 1
M1:1



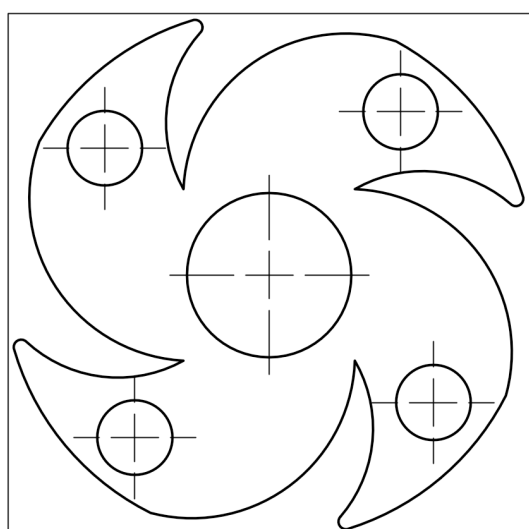
Template 4
M1:1



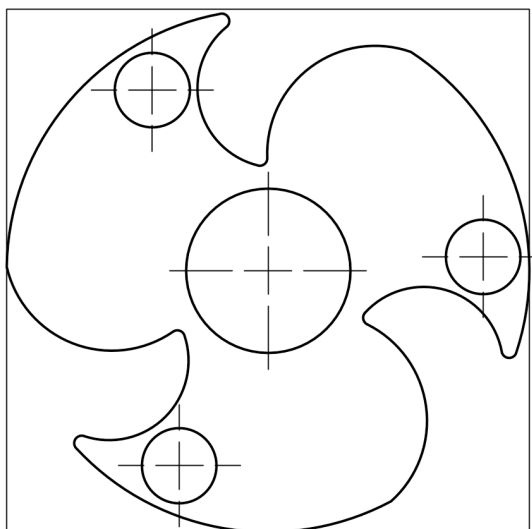
Template 2
M1:1



Template 5
M1:1



Template 3
M1:1



Template 6
M1:1

