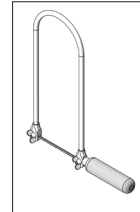


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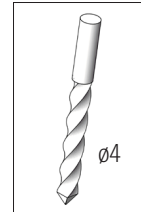
Spiral Christmas Tree



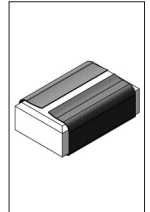
Required Tools:



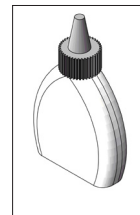
Jigsaw



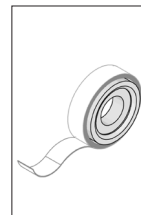
Drill



Sandpaper



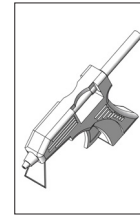
Wood Glue



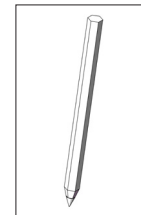
Adhesive Tape



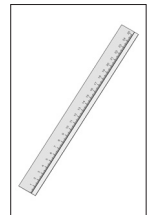
Hammer



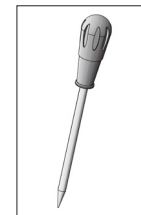
Hot Glue



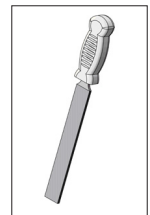
Pencil



Ruler



Pricking Awl



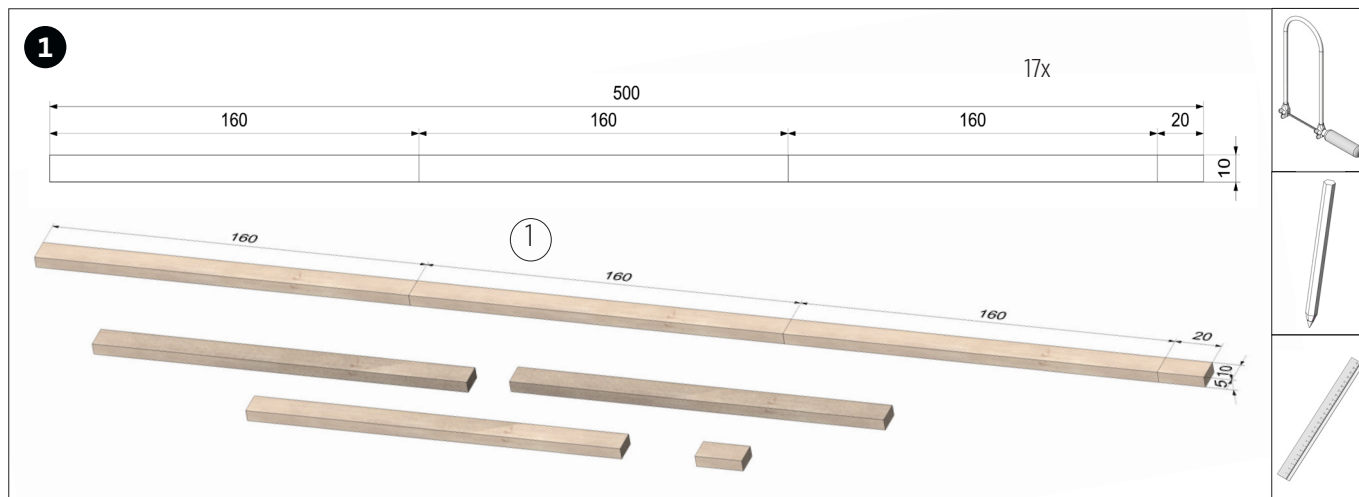
File

Please Note

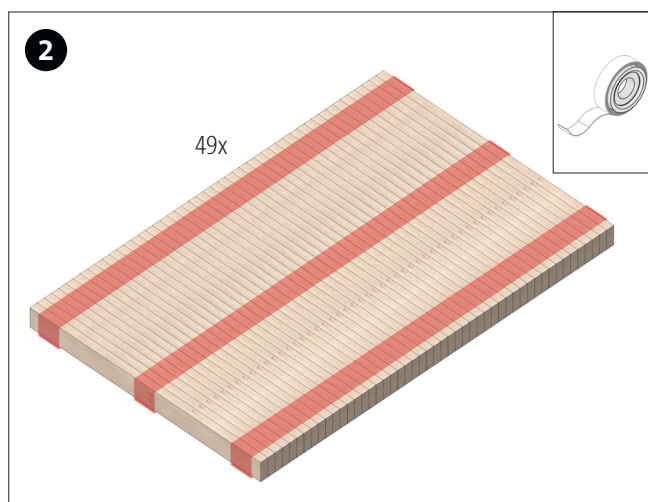
The Opitec Range of projects is not intended as play toys for young children. They are teaching aids for young people learning the skills of craft, design and technology. These projects should only be undertaken and operated with the guidance of a fully qualified adult. The finished projects are not suitable to give to children under 3 years old. Some parts can be swallowed. Danger of suffocation!

Components List	Quantity	Size (mm)	Description	Part No.
Wooden strips	17	500x10x5	Wooden strips	1
Threaded Rod	1	M4x300	Threaded Rod	2
Stop Nuts	2	M4	Attachment	3
Nuts	4	M4	Attachment	4
Washer	4	4,3/9	Attachment	5
Wooden ball with blind hole	1	ø15	Closure ball	6

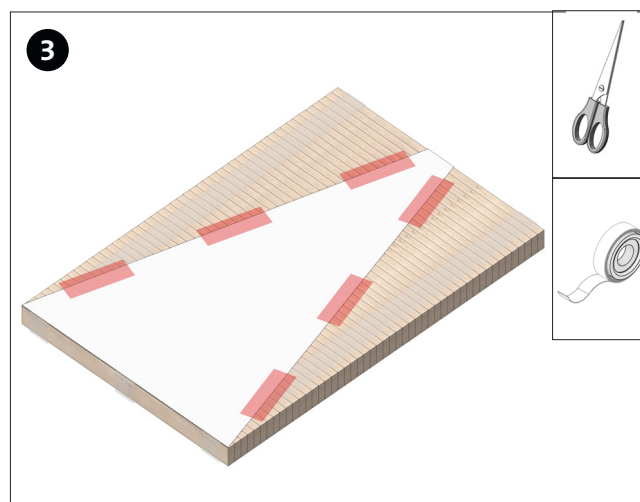
Instructions 122.496
Spiral Christmas Tree



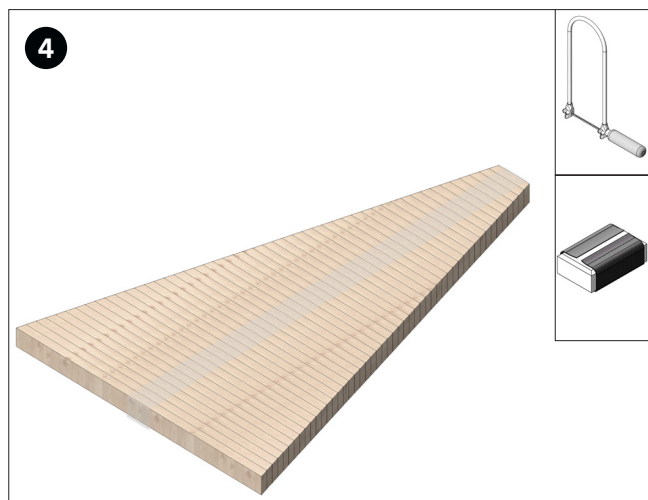
Czt all 17 wooden strips (1) to the indicated length as shown.



Fix 49 of the strips (1) on top of each other with adhesive tape, as shown. 2 strips remain left over for the base. **Note:** You should create a stable bundle.

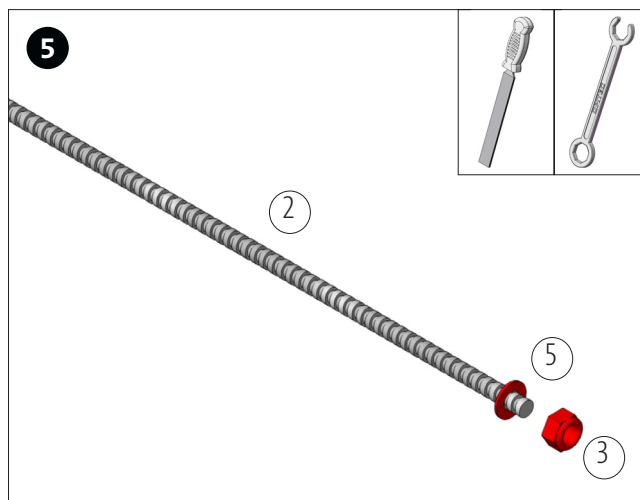


Cut out the pattern (page 7) and fix it to the bundle of strips with adhesive tape as shown.



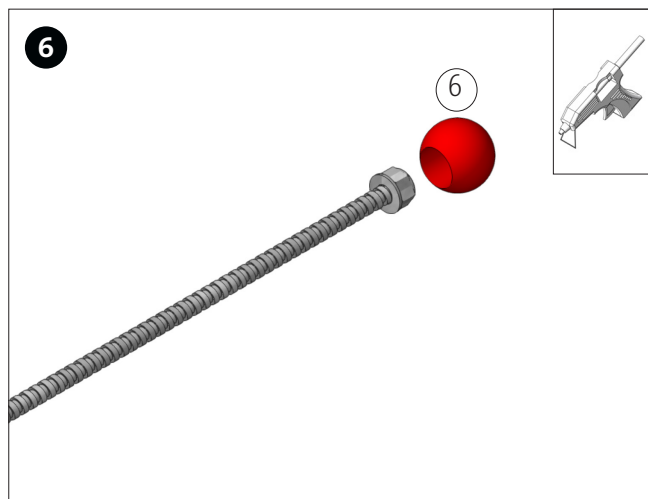
The cut the strips to length according to the pattern and refine the saw cuts.

Note: The cuts out are still needed!

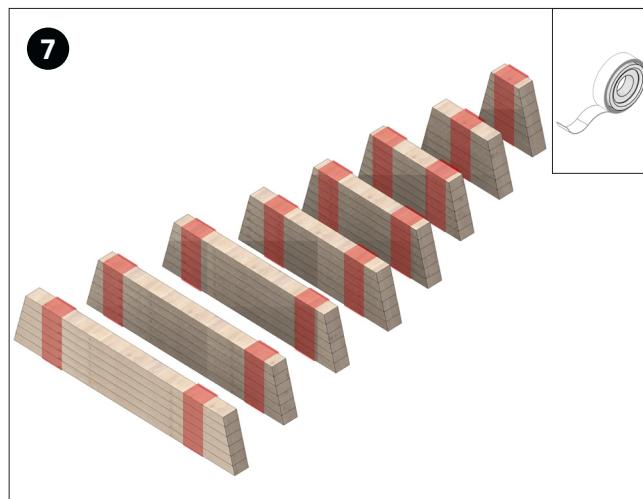


Deburr the threaded rod (2) on both sides. Then put on a washer (5) and finally screw on a stop nut (3).

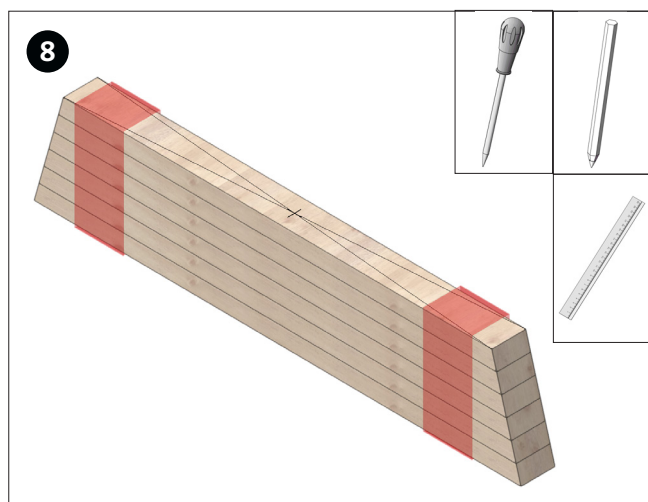
Instructions 122.496
Spiral Christmas Tree



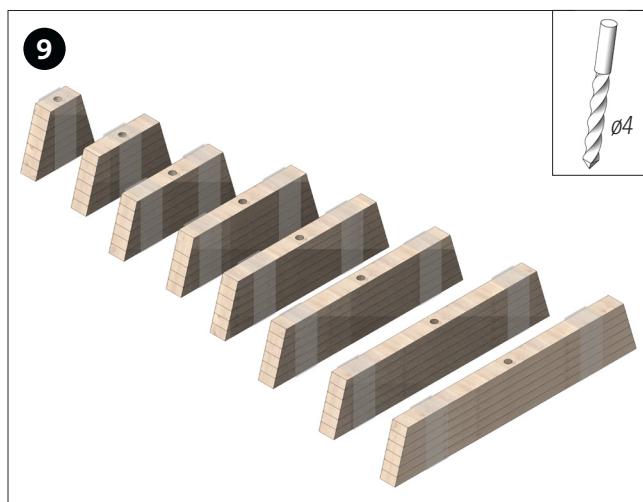
Glue the wooden ball (6) onto the stop nut with hot glue.
Note: The stop nut sits in the ball hole.



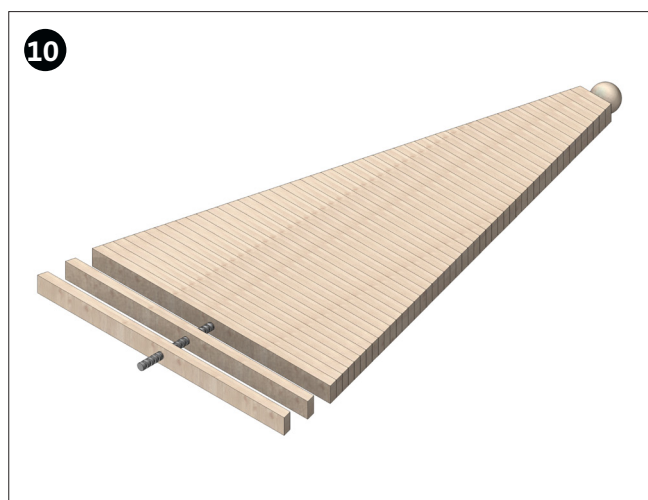
Bundle 5-6 strips on top of each other with adhesive tape, as shown above.



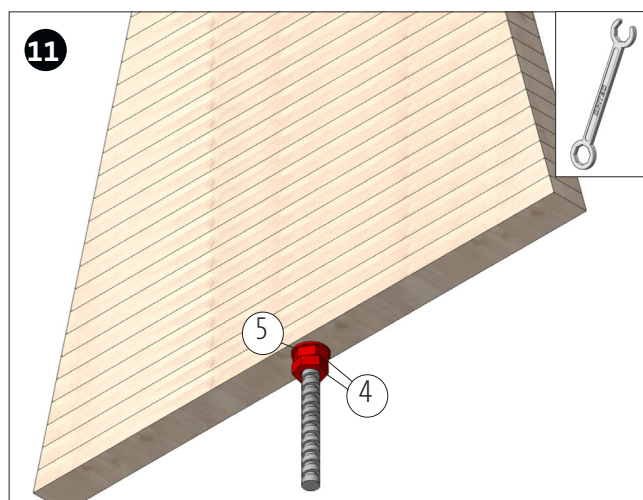
Determine the centre point on each bundle of strips drawing diagonals and then mark it with the pricking awl.



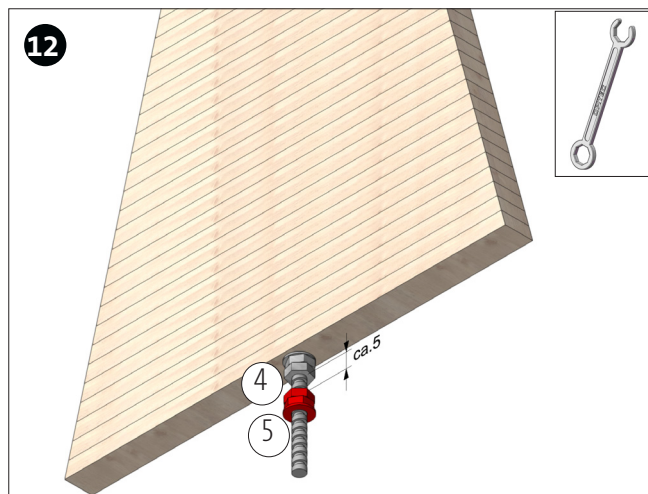
Drill Ø4mm holes. Then remove the adhesive tape and loosen the bundle of strips.



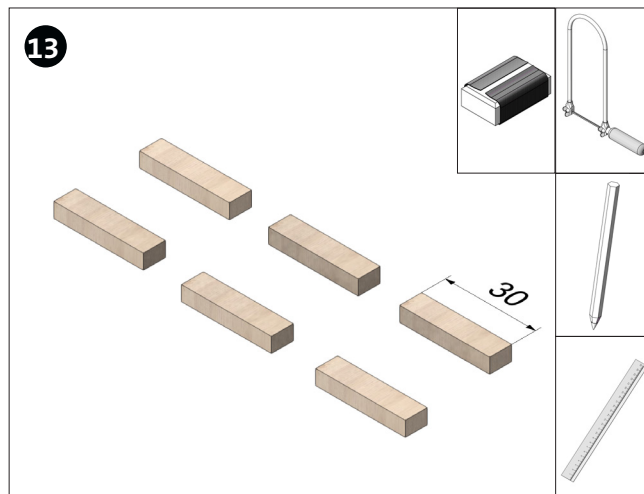
Then insert the tree strips starting with the smallest one into the threaded rod. (see fig.)



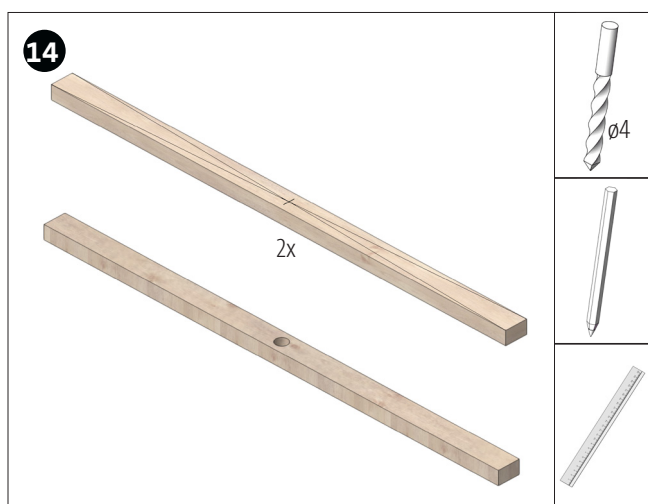
To fix the strips in the threaded rod, insert a washer (5) and screw on 2 nuts (4).



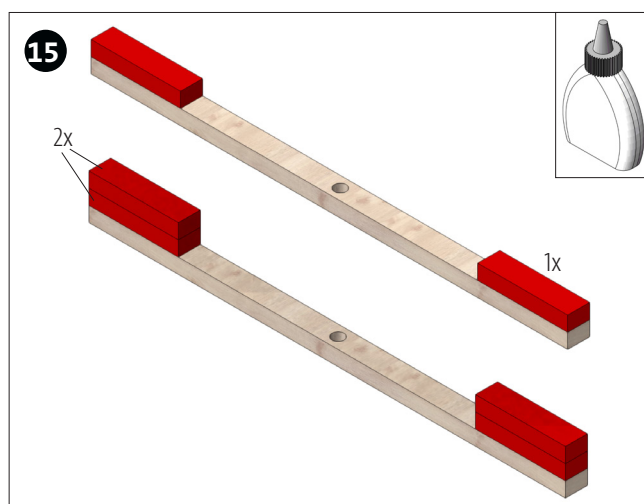
Screw on 2 nuts (4) with a distance of approx. 5 mm to the bar nuts. Insert a washer (5).



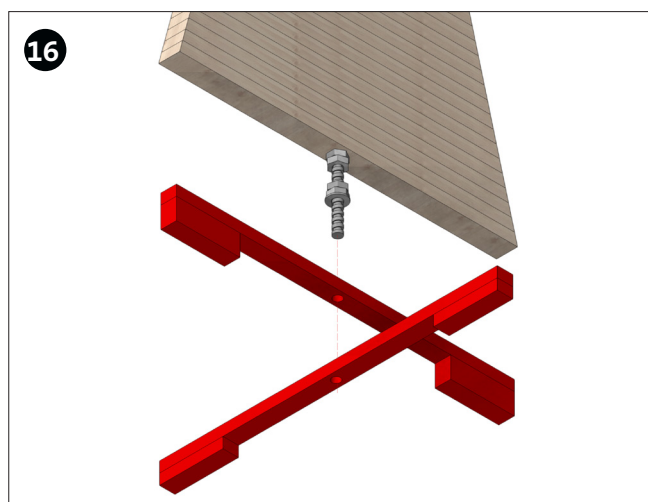
Take the cuts off (see step 4) and saw off 6 pieces with a length of 30 mm. Then refine the saw cuts.



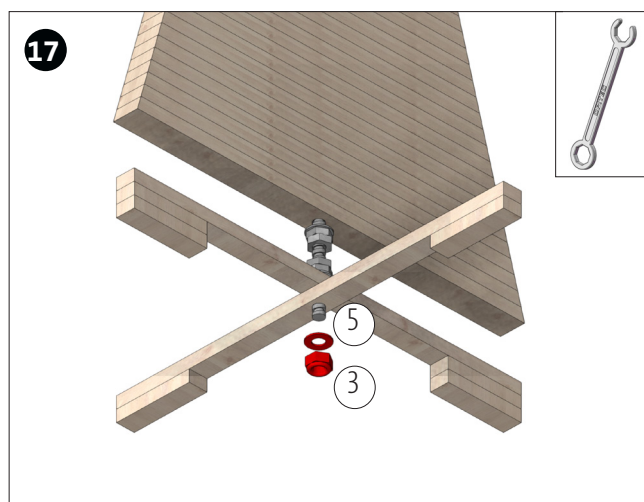
Mark the centre.



Glue the 30mm long strips onto the base strips, flush with the outer edges, as shown above.



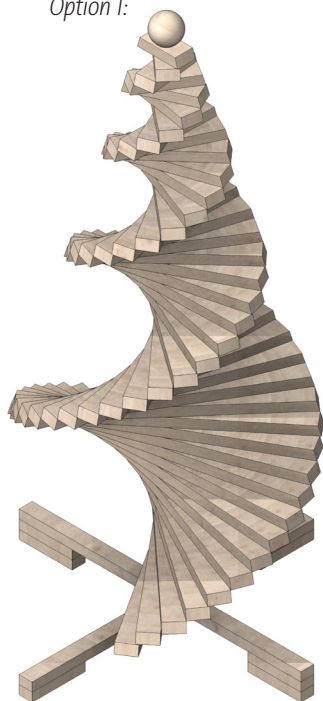
Attach the two skirting boards as shown.



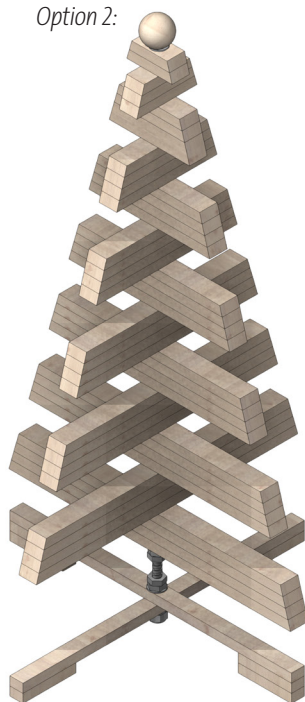
Finally put on a washer (5) and screw on a stop nut (3). To fasten, counter the nuts placed above the base.

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Option 1:



Option 2:



Option 3:



The spiral Christmas tree can be set up in different ways. Place the strips as desired by turning them on the threaded rod. Then tighten and lock all nuts. Done!

Instructions 122.496
Spiral Christmas Tree

Pattern
Scale 1:1

