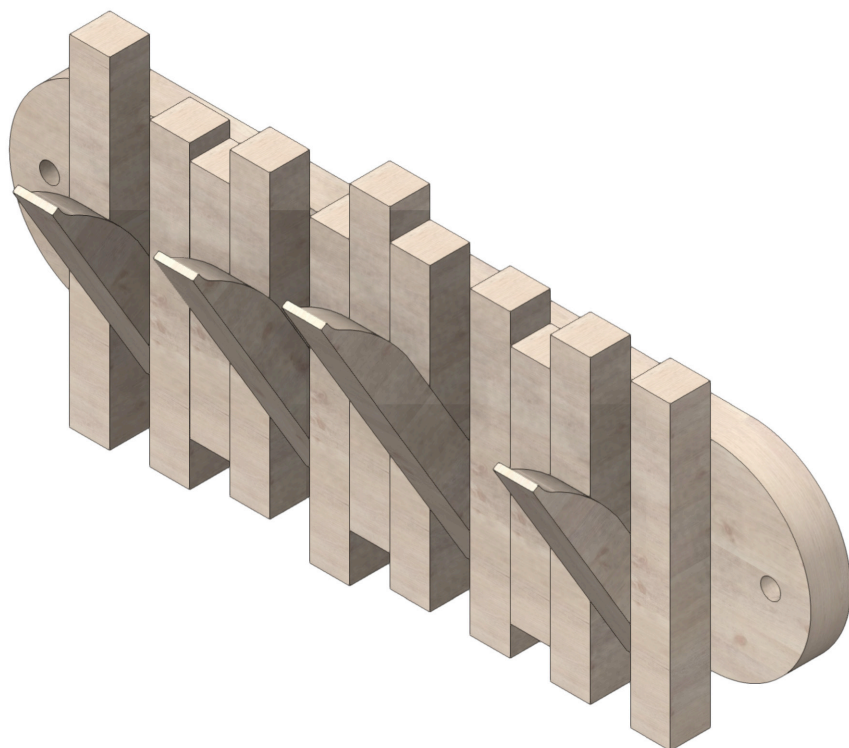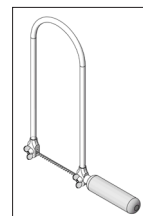# 122.924
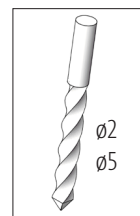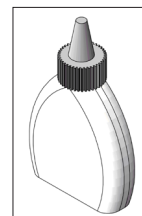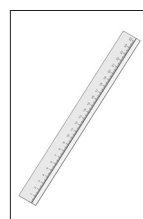
Key board

Required tools:

Fretsaw or scroll saw

Drill ø2 ø5
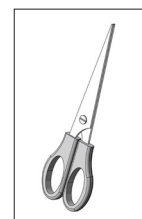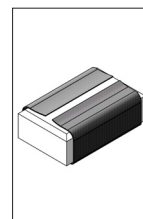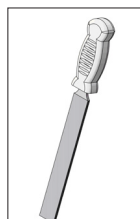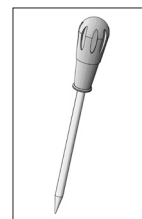
Wood glue
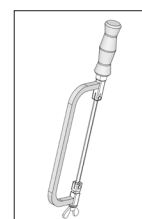
Ruler
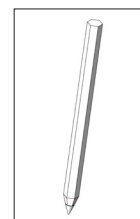
Pencil

Scissors

Sandpaper

Engineer's file

Prickling awl

PUK saw

Note

After completion, the OPITEC work kits are not articles with toy character of a generally commercial kind, but teaching and learning aids to support educational work. This kit may only be built and operated by children and young people under the guidance and supervision of competent adults. Not suitable for children under 36 months. Danger of suffocation!

Parts list	Number of pieces	Dimensions (mm)	Description	Part no.
Wooden strip	1	250x50x10	Base plate	1
Wooden strips	3	500x10x10	Board strips	2
Welding wire	1	ø2x250	Fastening	3

OPITEC

1

250
200
10
10
25
50
ø5
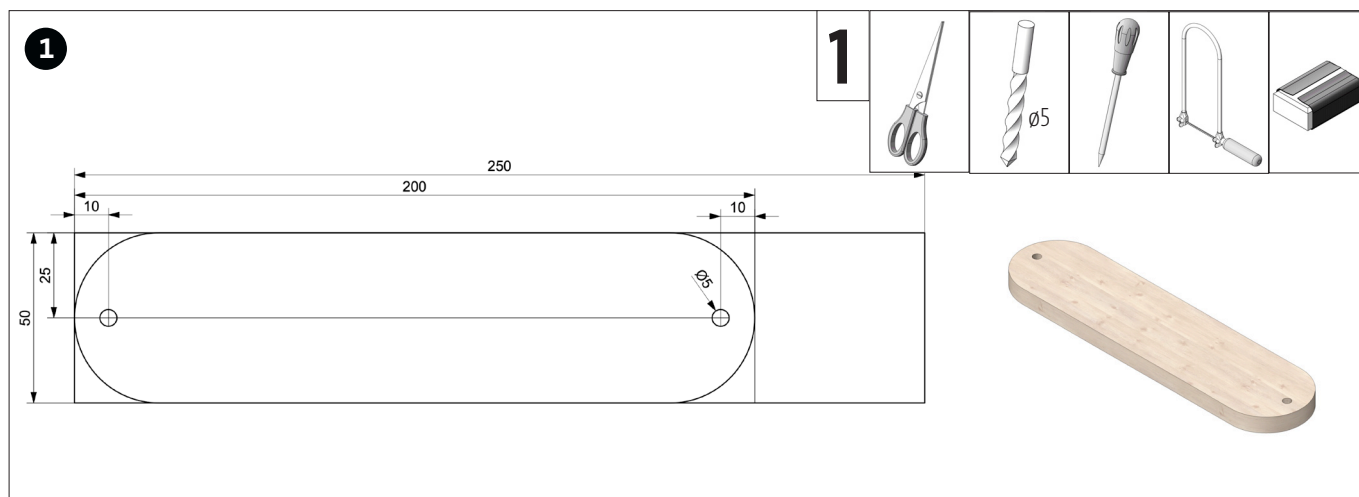
Transfer the template (page 7) to the base plate (1). Drill holes ø 5mm. Then saw out and clean the saw cuts.

2

500
75 75 75 75 75 75
10
2a 2a 2a 2a 2b 2c

500
75 75 60 60 85
10
2d 2e 2f 2f 2g

500
90 75 65 65
10
2h 2i 2j 2j
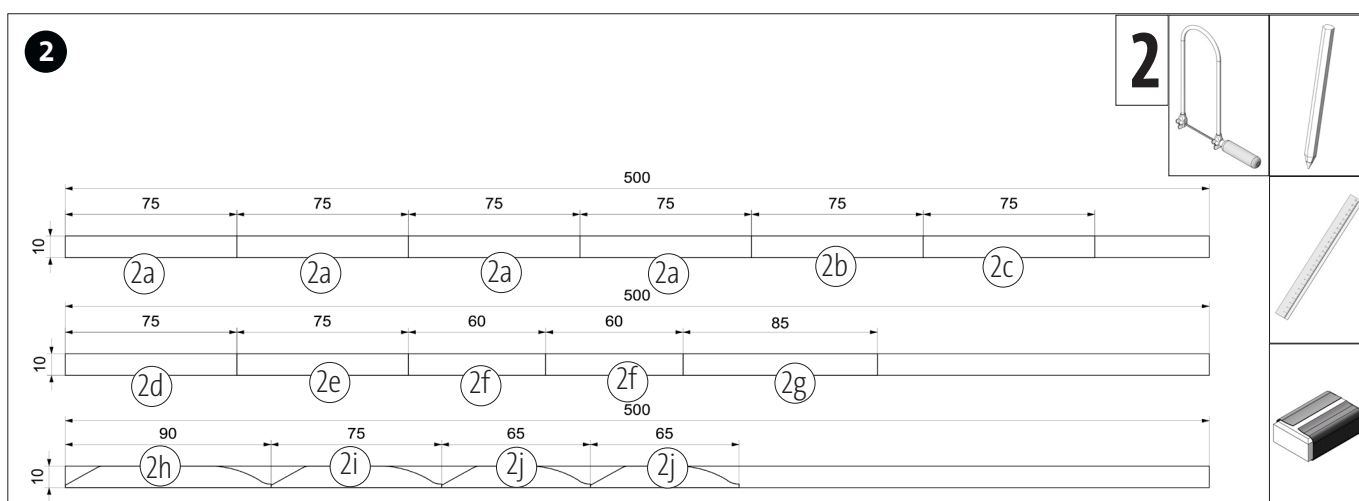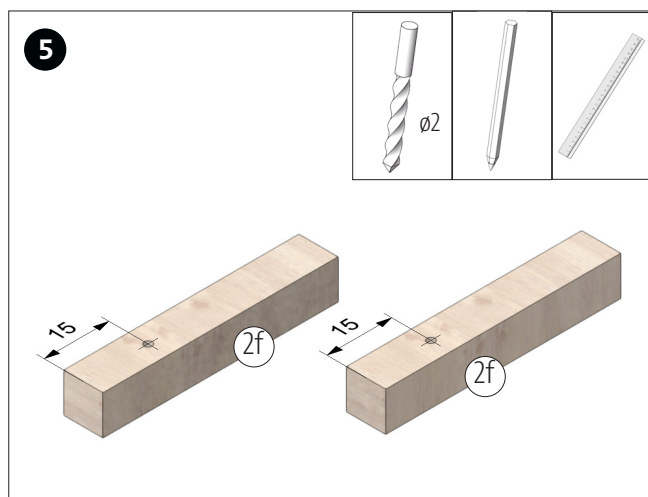
Cut the wooden strips (2) to length according to the dimensions. Bevel the strips (2h-2j) according to the template (page 7). Clean saw cuts.

3
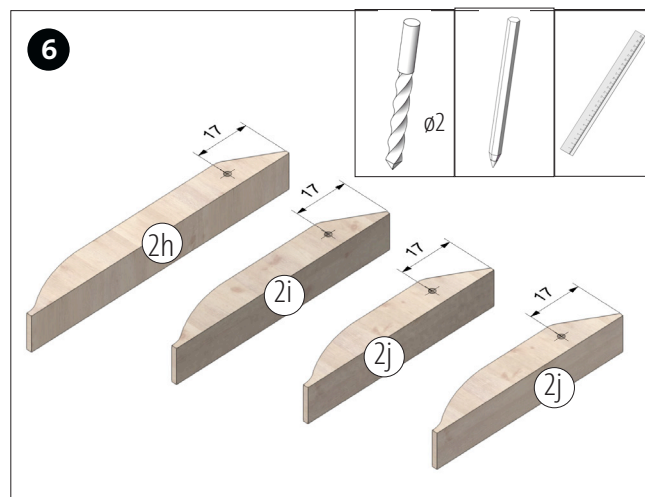
ø2

2d
2c
2b
17
28
28
24
24

2a
2a
2a
2a
24
24
24
24
2a
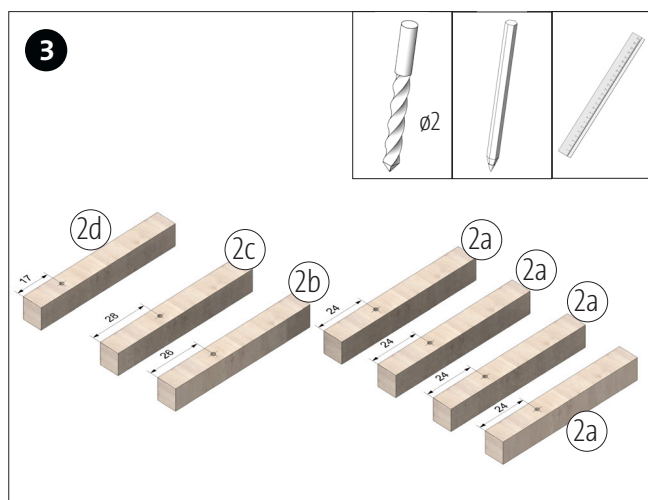
Drill through 7 battens (2a) as shown.
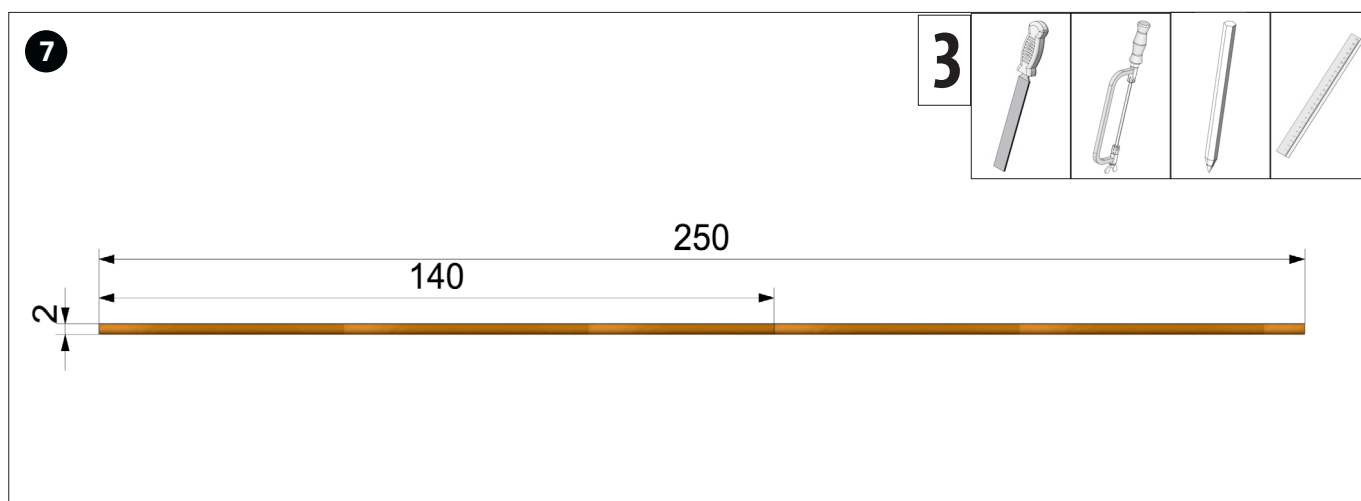
4

85
30
10
5
2g

75
24
10
5
2e
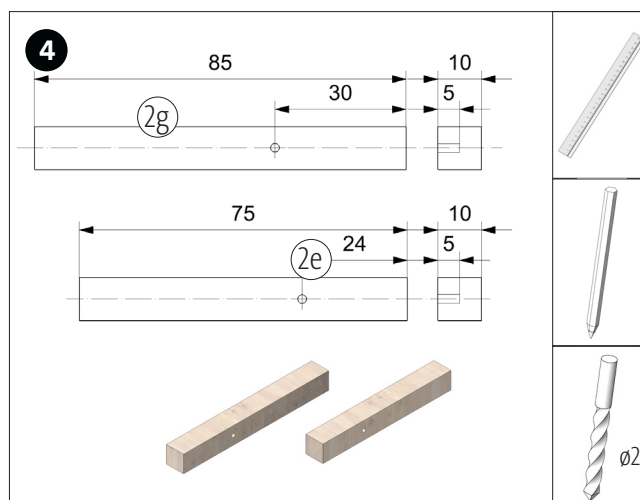
Drill a blind hole approx. 5 mm deep in the remaining slat (2e) according to the dimensions. Drill a blind hole approx. 5 mm deep in the same way for strip (2g).
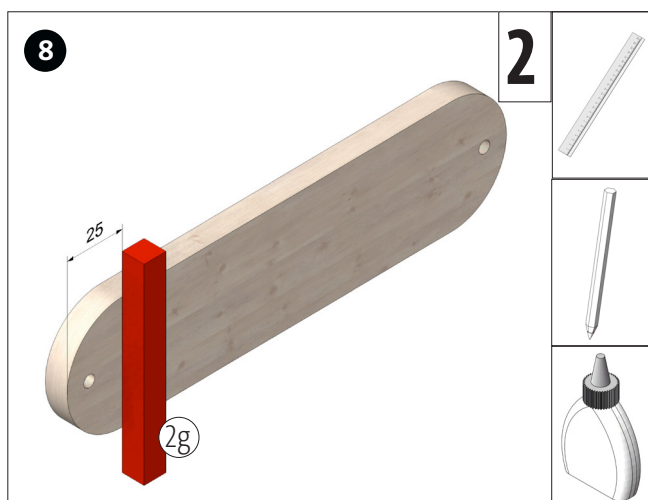
OPITEC

5

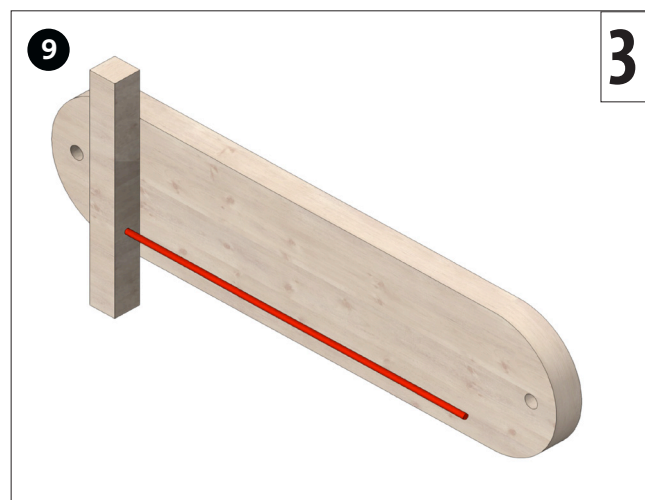Drill ø2 mm holes in the two strips (2f) according to the illustration.

6

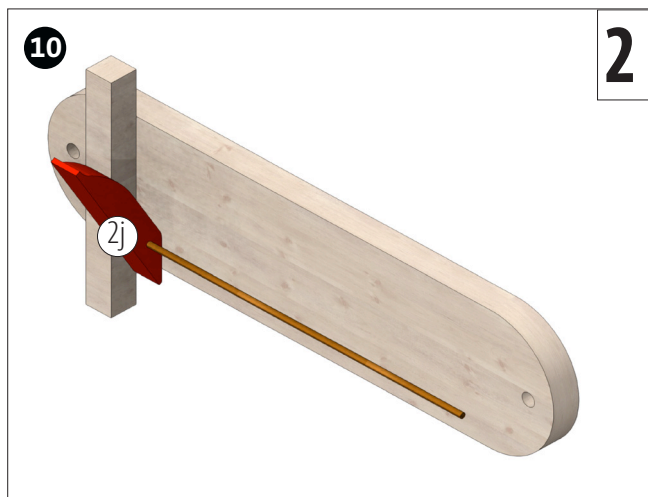Drill through battens (2h-2j) as shown, according to dimensioning.

7 **3**

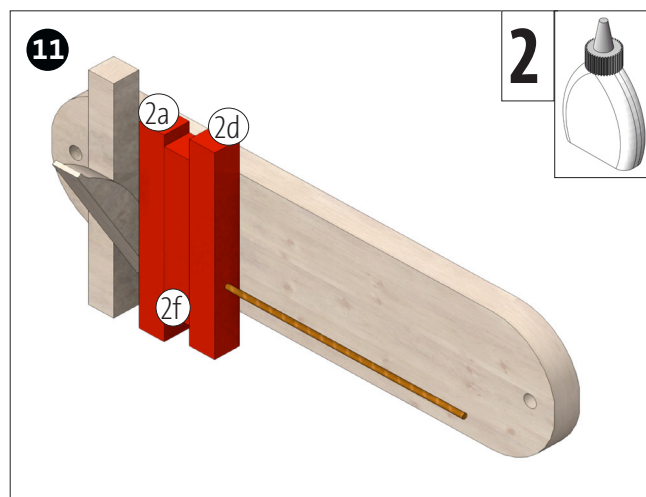Shorten the welding wire (3) to 150mm. Deburr saw cut.

8 **2**

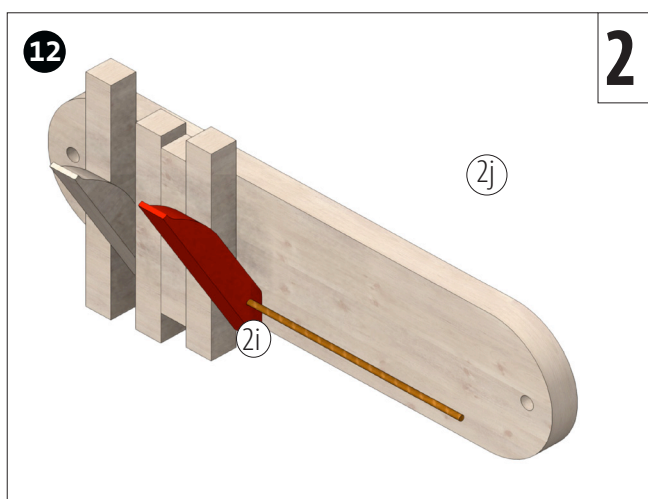Glue the wooden strip (2g step 4) to the base plate (1) according to the dimensions

9 **3**

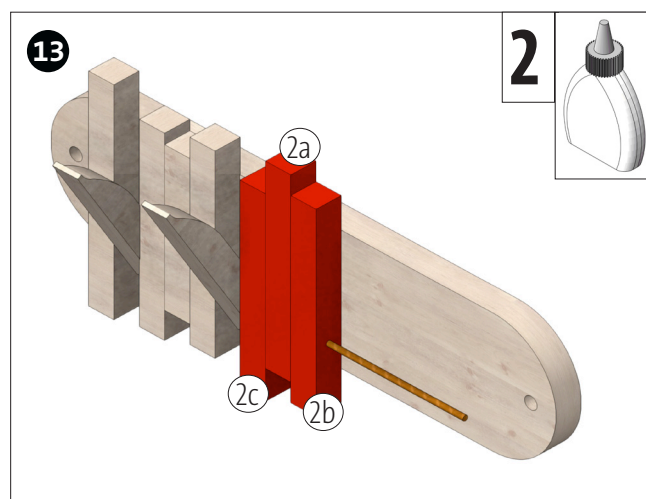Insert the welding wire (3-150mm) into the hole provided in the strip (2a) as shown.

OPITEC

10 **2**

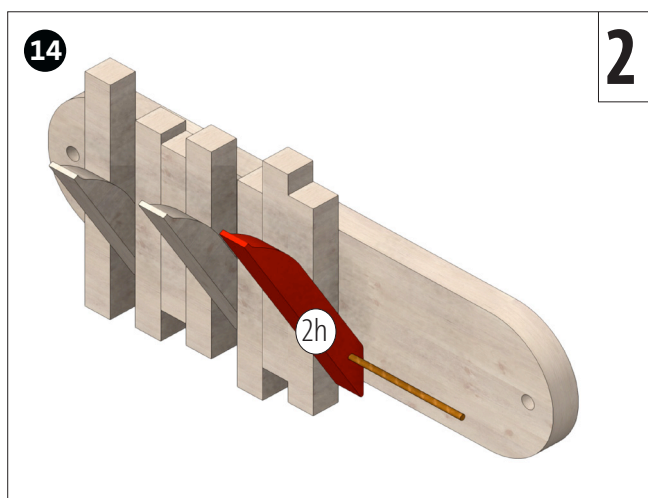Push a strip (2j) onto the welding wire. Do not glue!

11 **2**

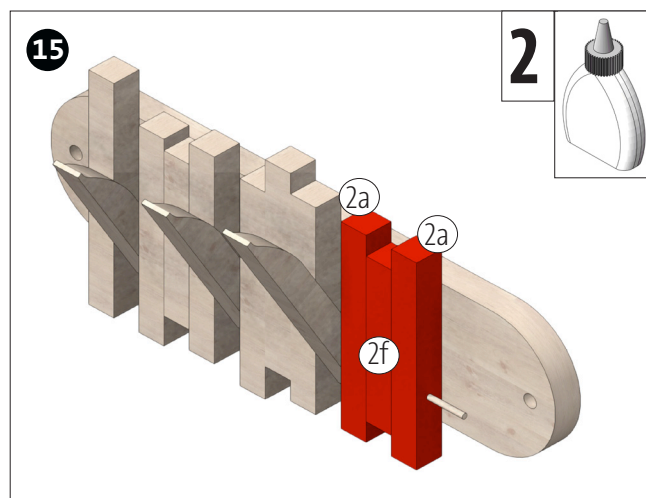Fit one strip (2a), one batten (2f) and one batten (2d) and glue them in place.

12 **2**

Push on the strip (2i). Do not glue!

13 **2**

Push on the strip (2c), a strip (2a) and the strip (2b) and glue them in place.

14 **2**

Attach strip (2h). Don't glue!

15 **2**

Push on the strip (2h). Do not glue!.

OPITEC

16 2
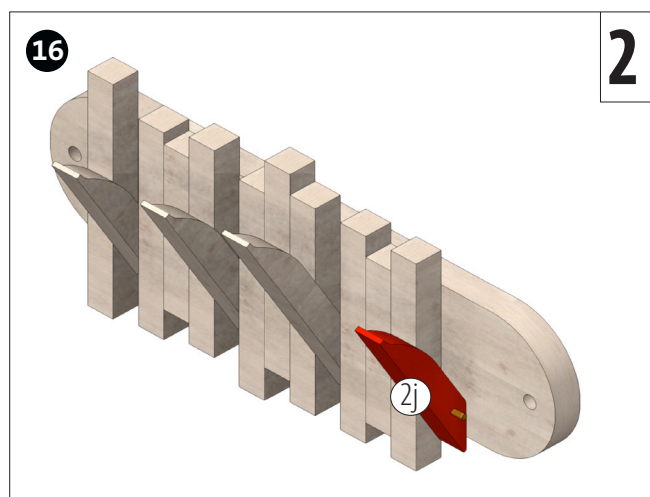
Push on the second strip (2j). Do not glue!

17 2
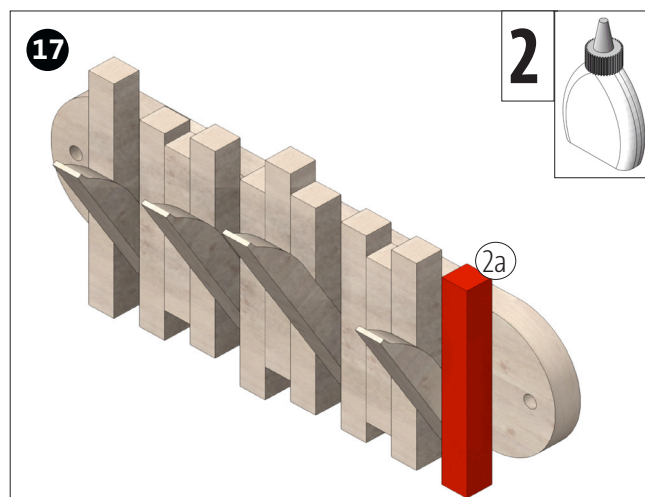
Attach and glue the remaining strip (2a).
Done!

OPITEC

6

50

25

10

200

250

Ø5

① 1

② 2h

90

25

15

10

② 2j

65

25

15

10

② 2i

75

25

15

10

OPITEC