

HOW to MAKE a POSTCARD PRESS

STAMPO --- **MATICA**

A practical guide for the Initiates
to Stampomatica's Art and
the 3D-Letterpress Enigmas

in other words

How to assembly your first
Stampomatica's DIY kit



It always starts by opening a box...



2



X packet

small metal components + wooden ring + felt + 1.5mm Allen Key



Y packet

white paper postcards (A6 format) + rubber roller

3

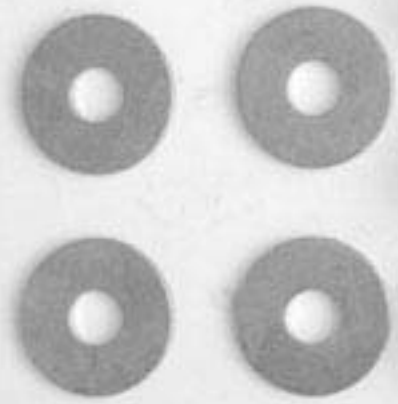
2 x long threaded rods (A)

4 x notched washers

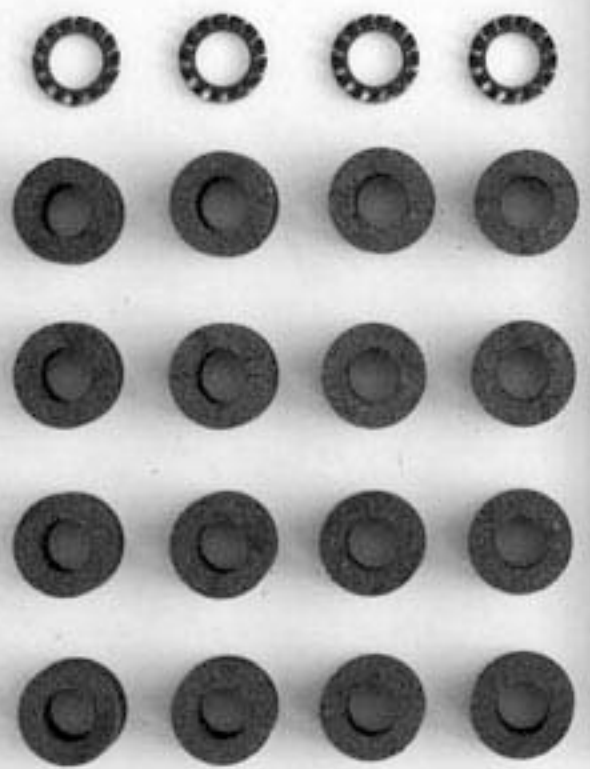
6 x black nuts

1 x Allen key

2 x grains



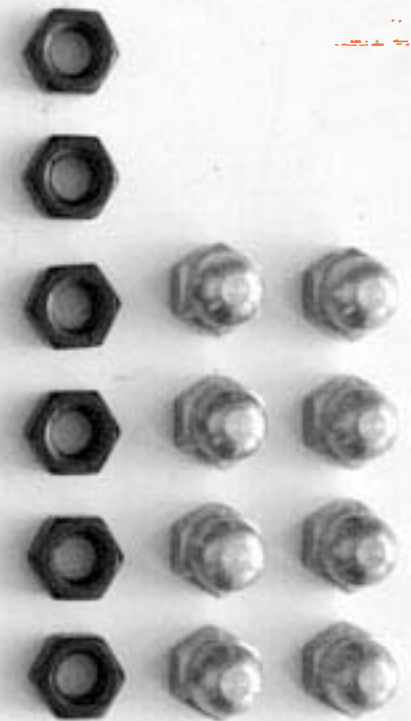
4 x brass washers



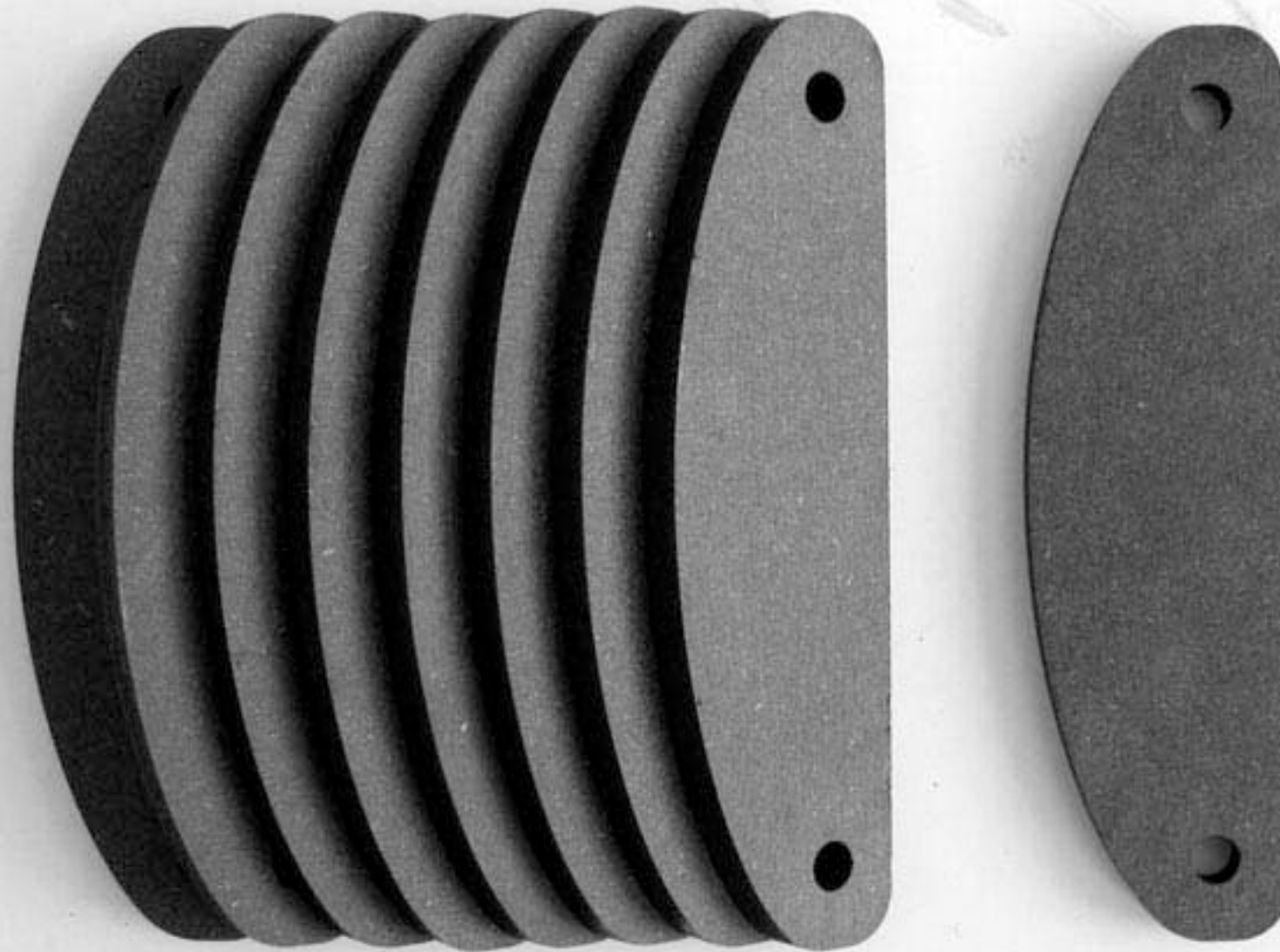
16 x wooden rings



2 x short threaded rods (B)



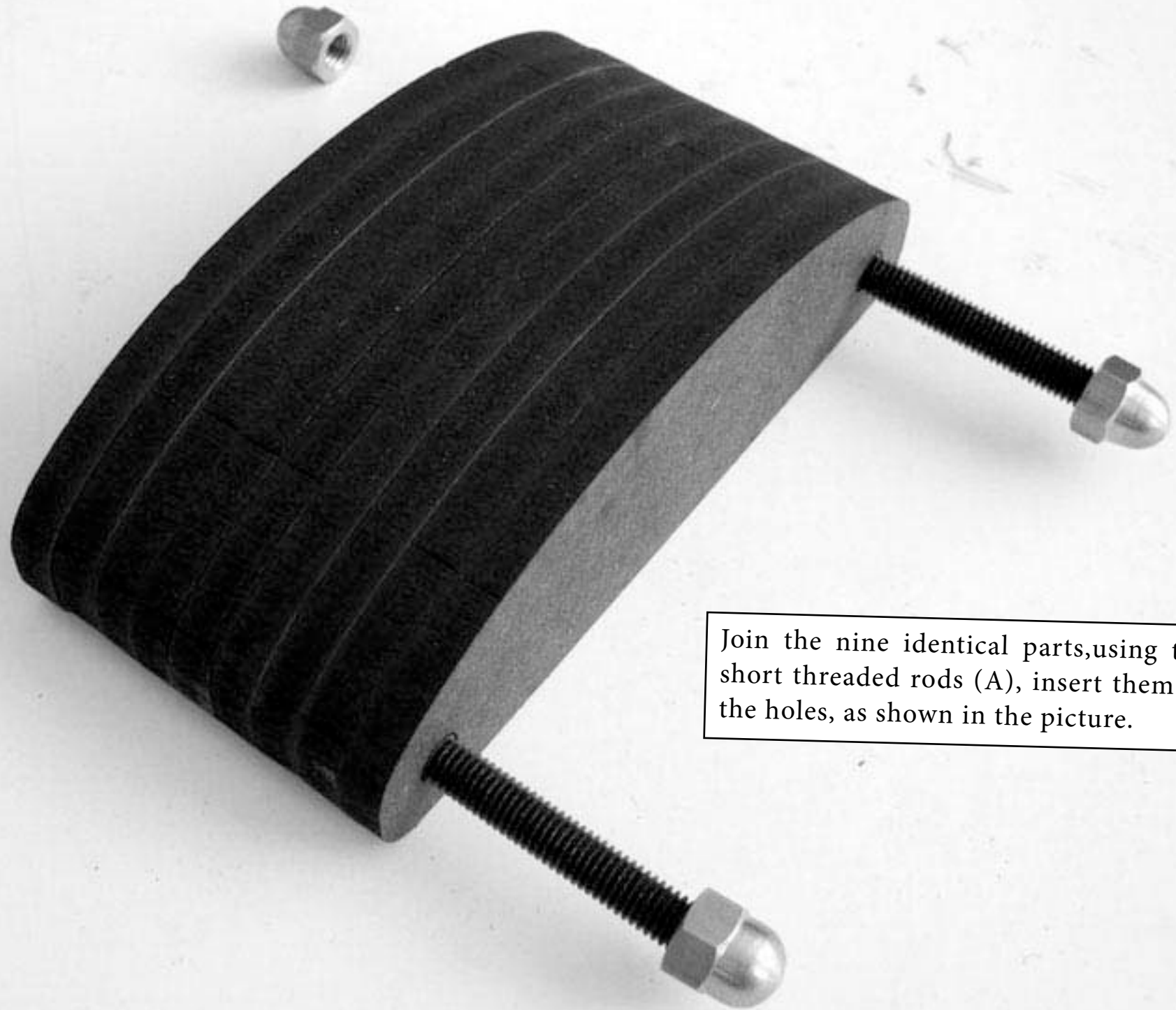
8 x brass cap nuts



4

Start assembling the nine elements that compose the load of the postcard press.

5



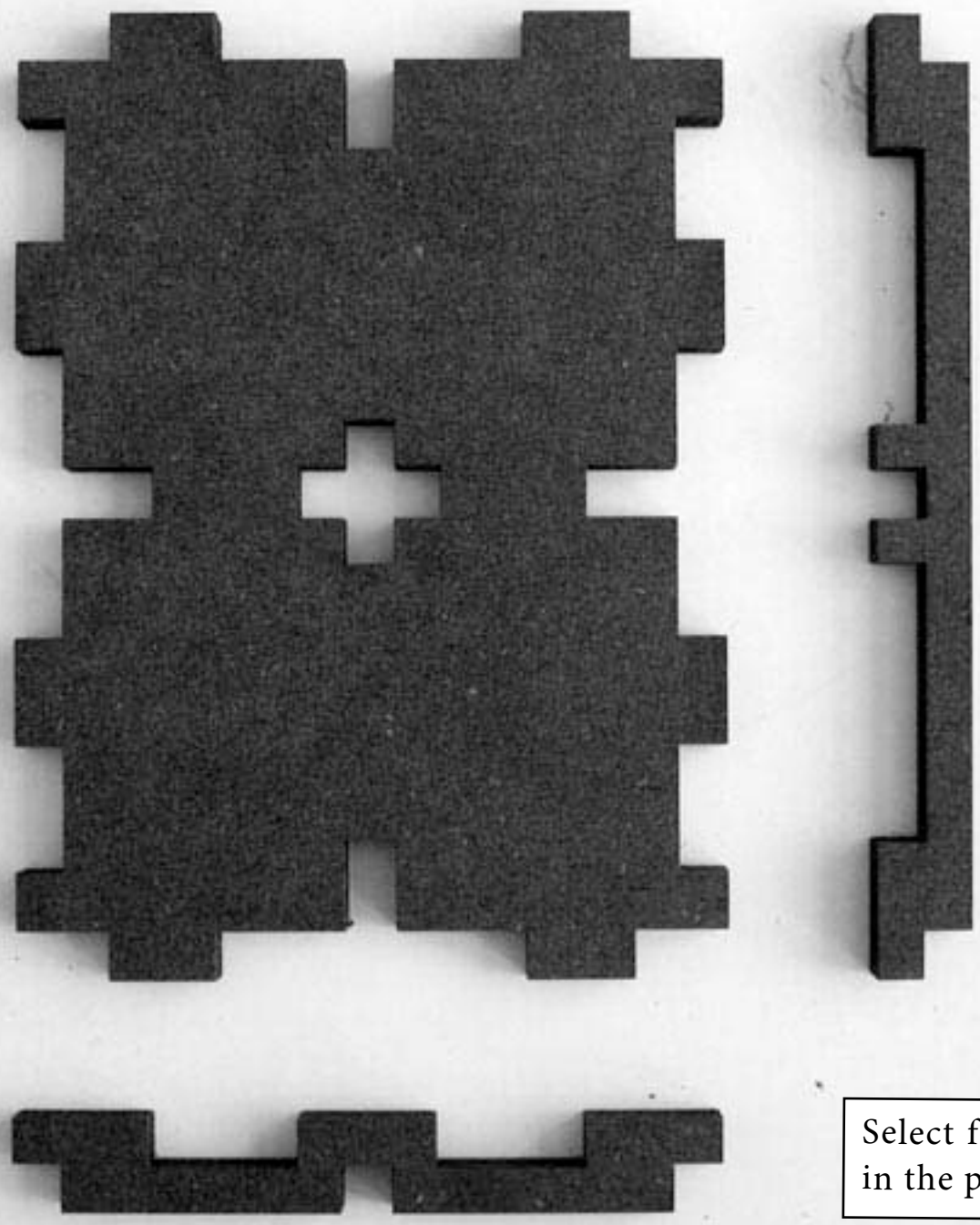
Join the nine identical parts, using the short threaded rods (A), insert them in the holes, as shown in the picture.



6

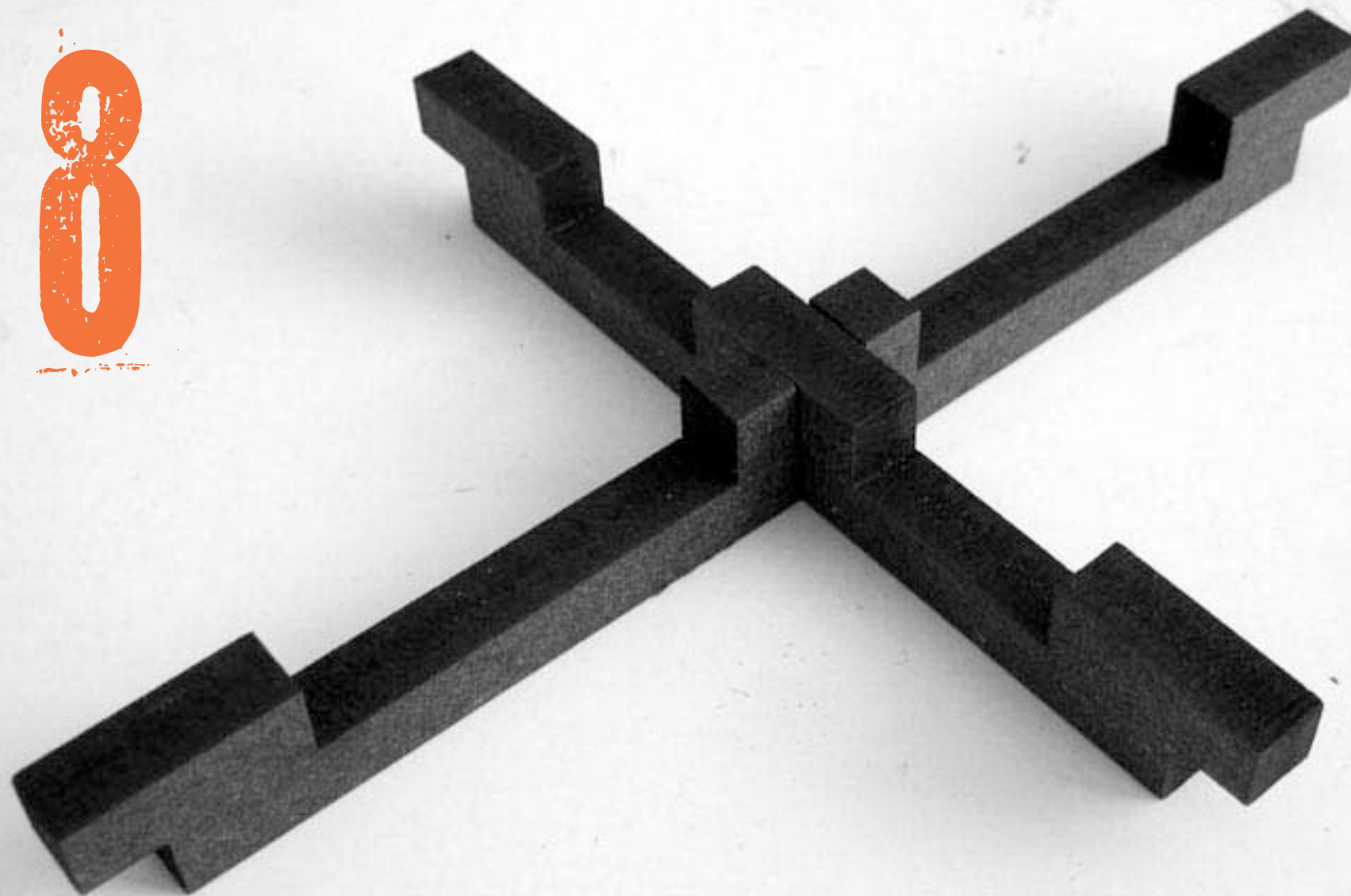
Fix the structure tightening four brass cap nuts on the rod's ends.

7

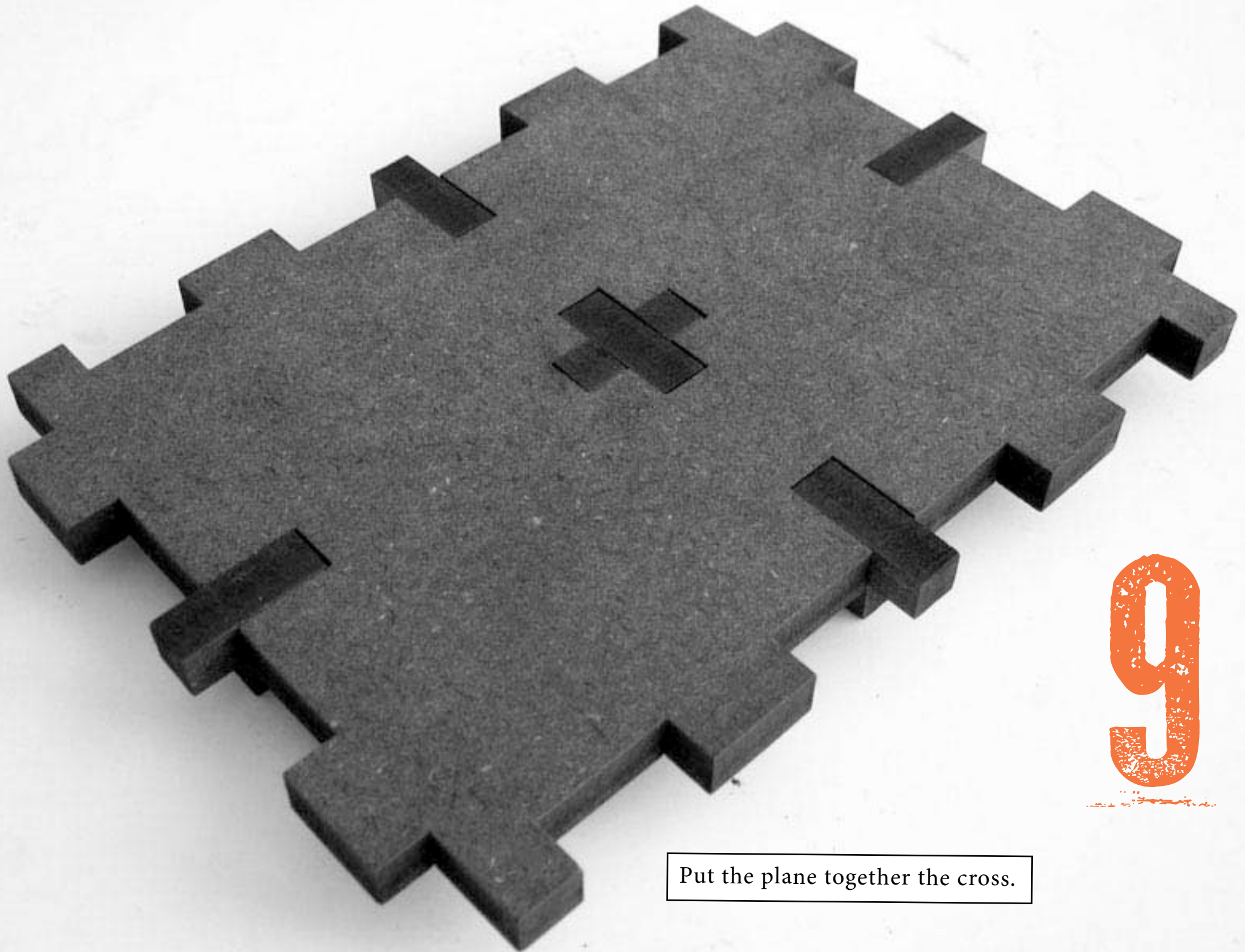


Select from the DIY kit the parts shown in the picture: they'll be the press base.

8



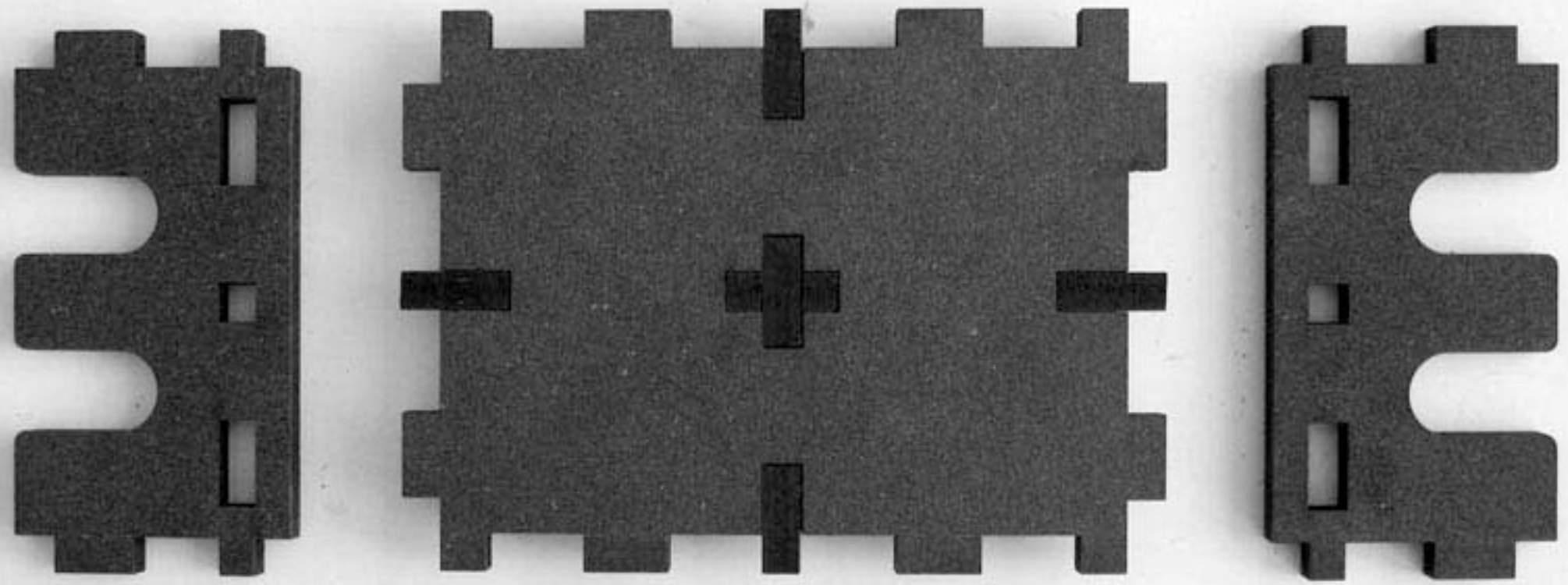
Connect the two frameworks, building a cross.



Put the plane together the cross.

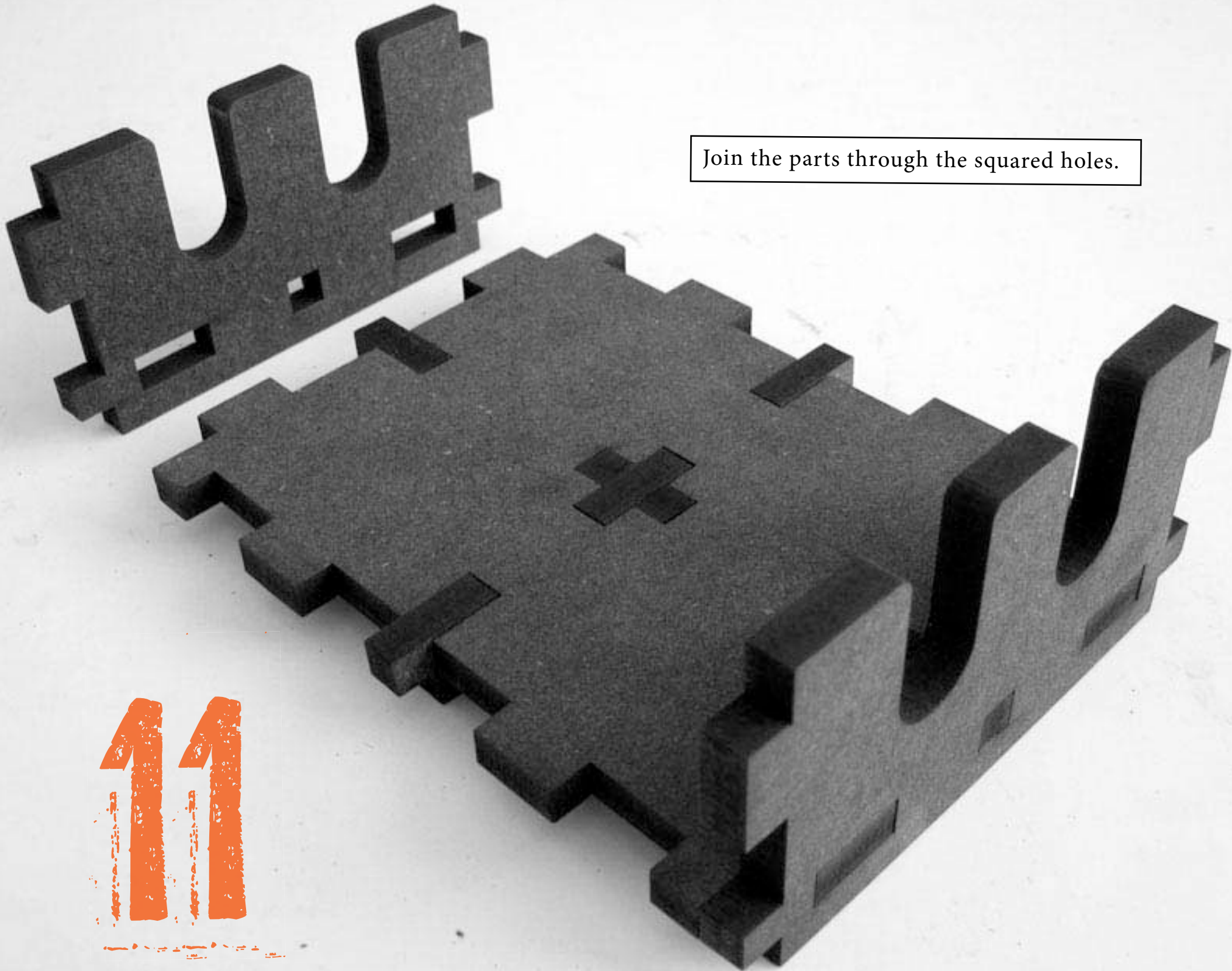


Choose from the DIY kit the small alike sides, as shown in the picture.

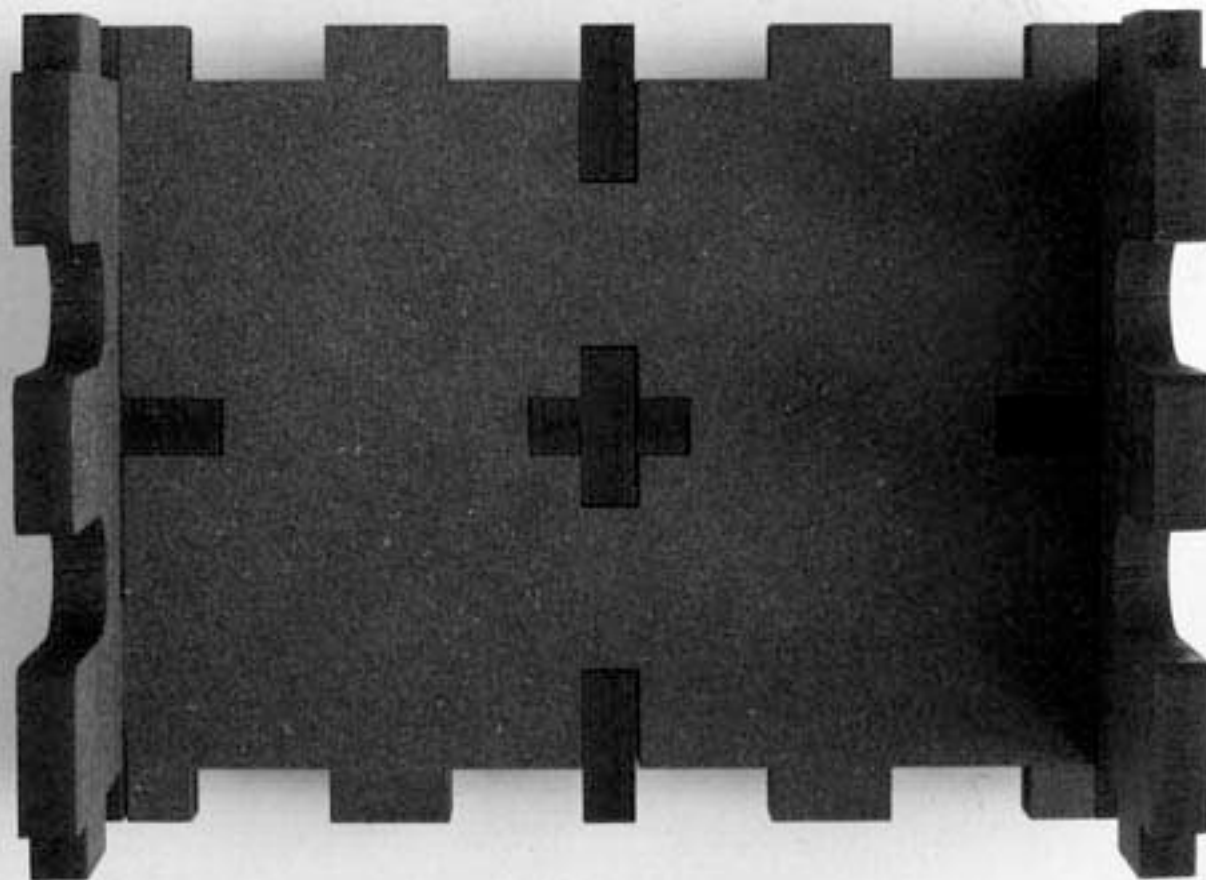
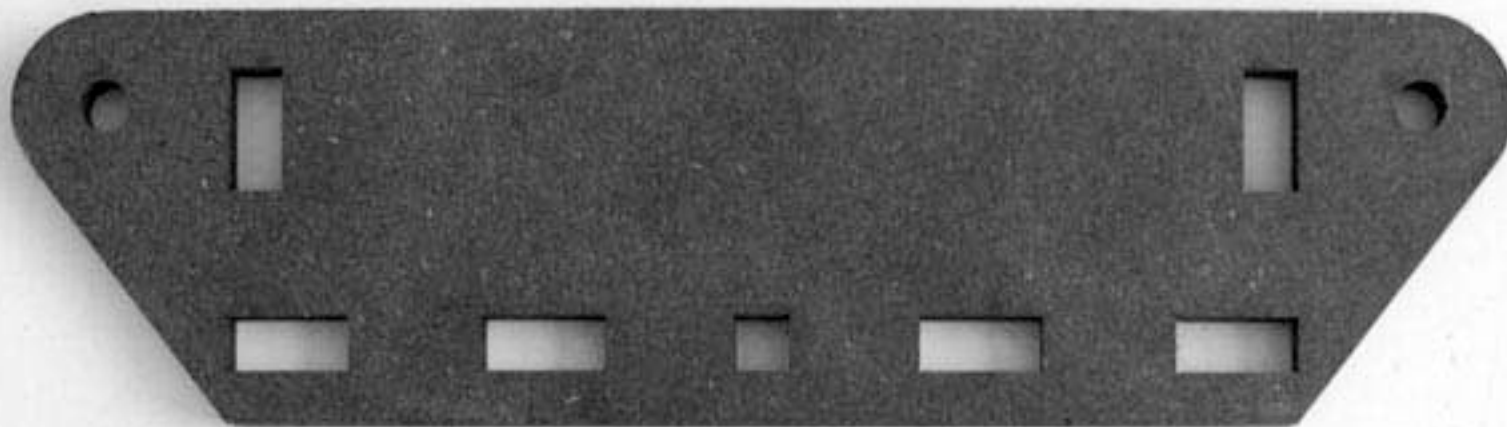


10

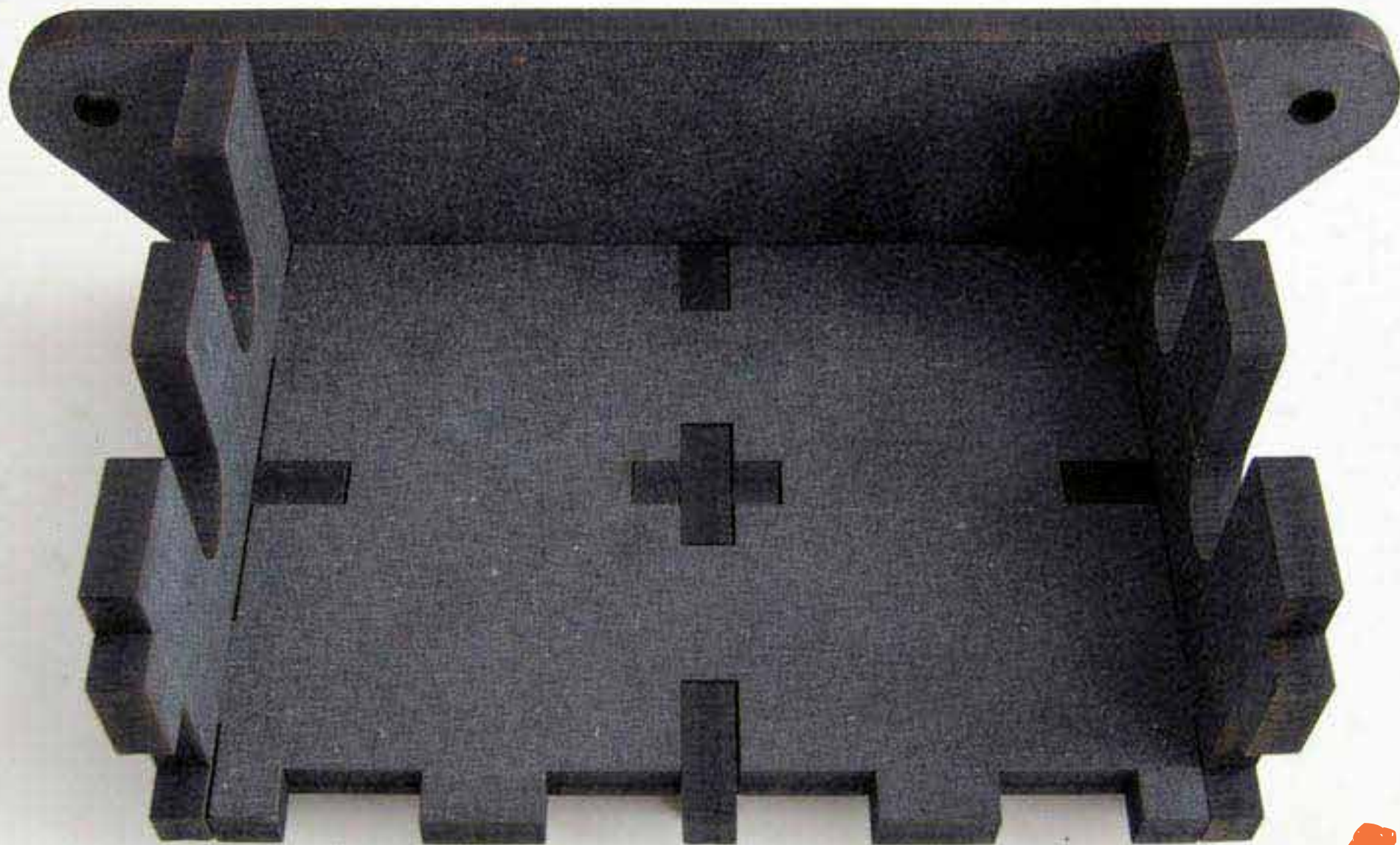
Join the parts through the squared holes.



Take from the DIY kit the long side without Stampomatica's logo.

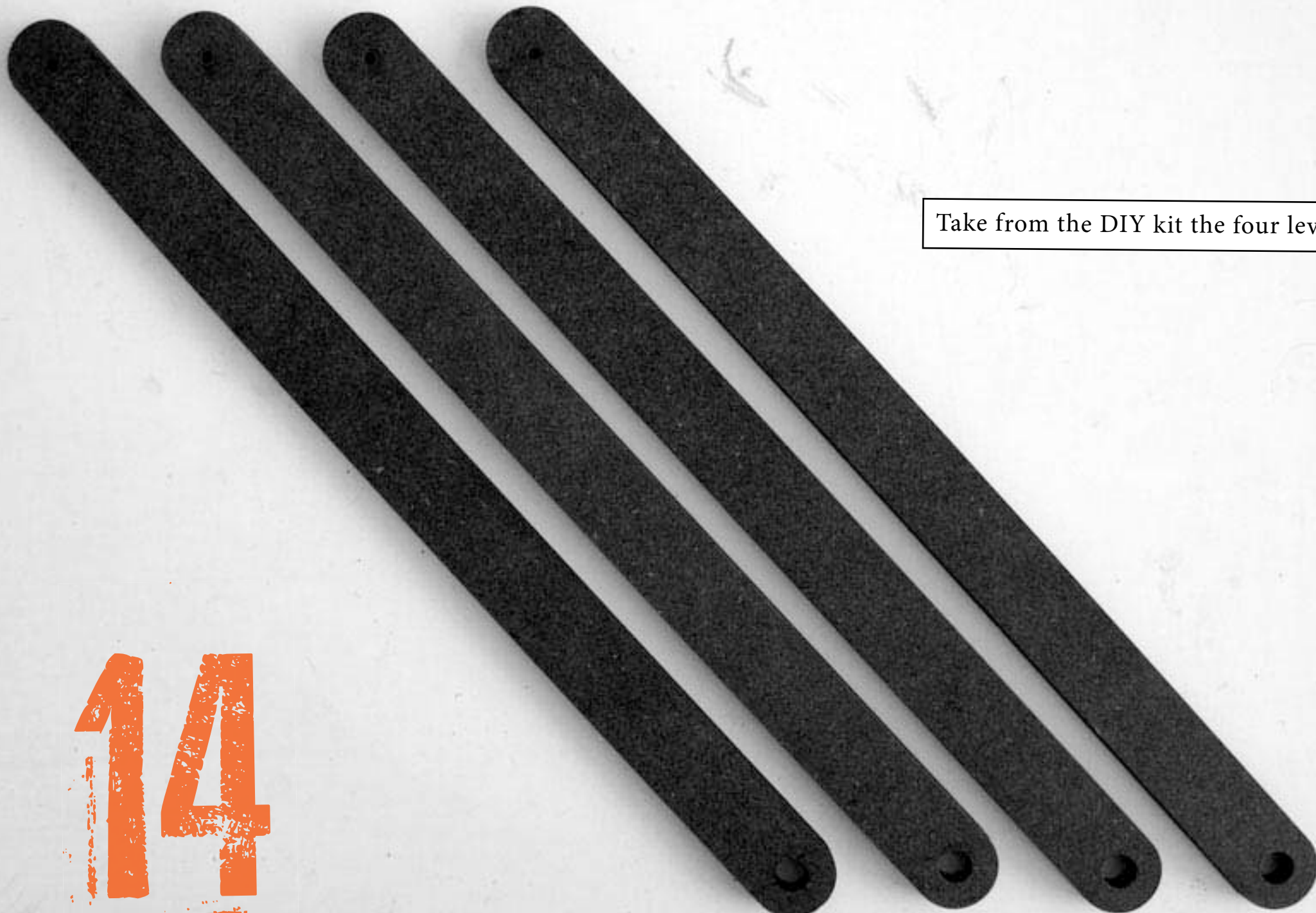


12



Put the long side together the assembled parts.

13

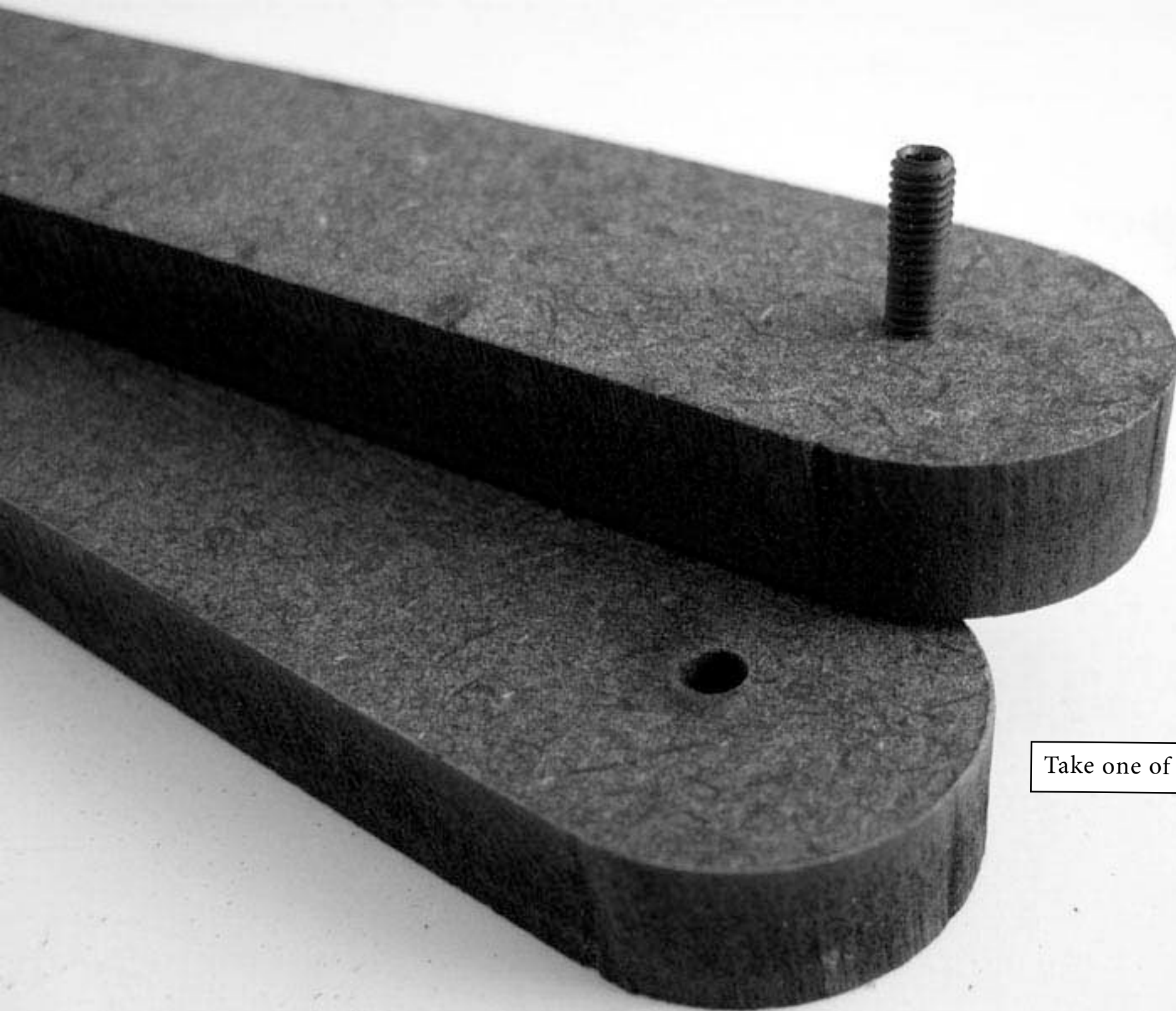


Take from the DIY kit the four levers.

14

15

Take one of the black grains from the X packet.





Insert its conical tip in the little hole on one of the levers.

Before screwing it with the Allen key, the grain must be perpendicular on the flat surface of the lever.

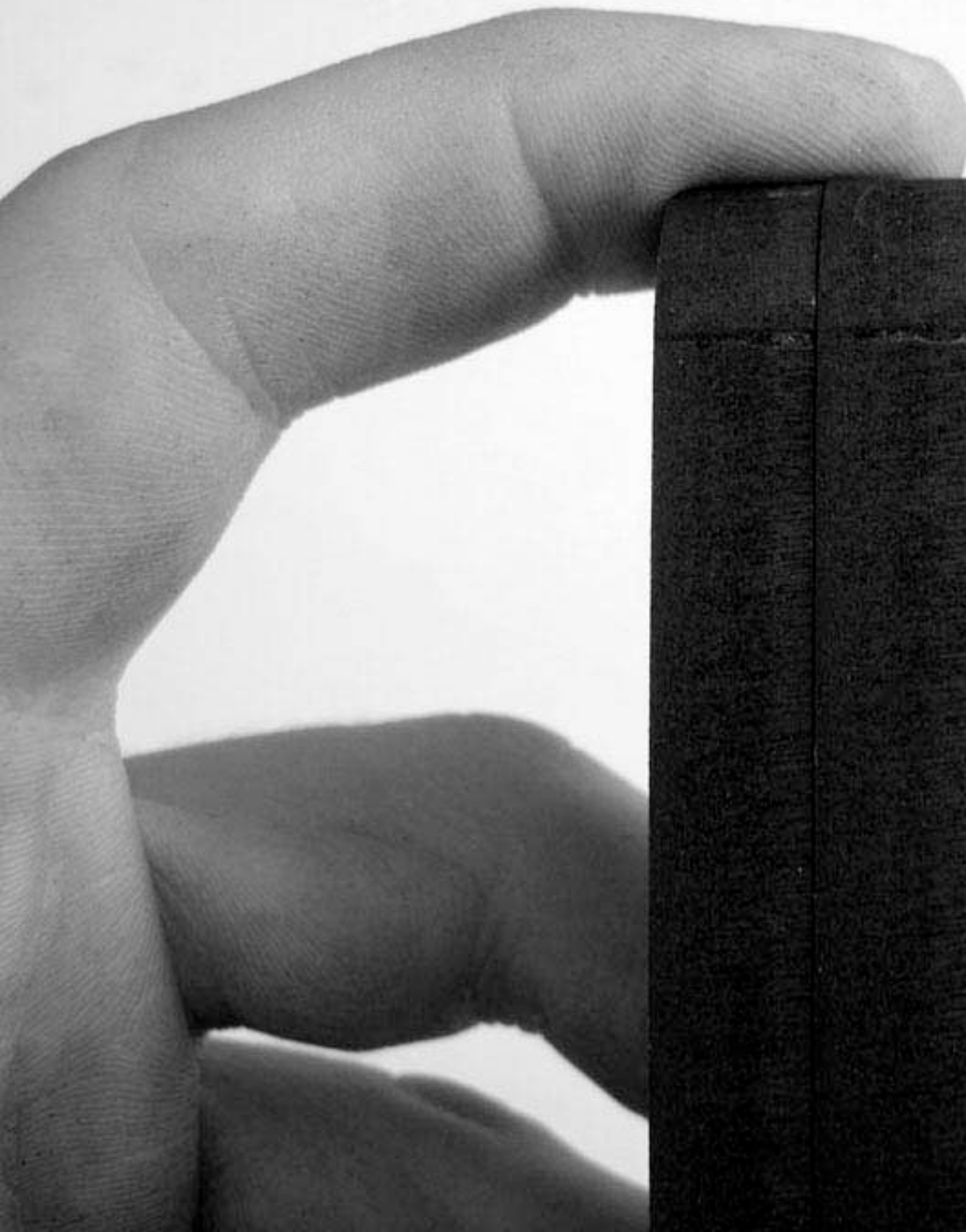


16

Screw the grain into the little hole of the first lever.



17



Before reaching the outside with the grain's conical tip, put together a second lever: then restart screwing, getting the two parts closer by hand.

The grain, with its thread, will fasten the two parts.

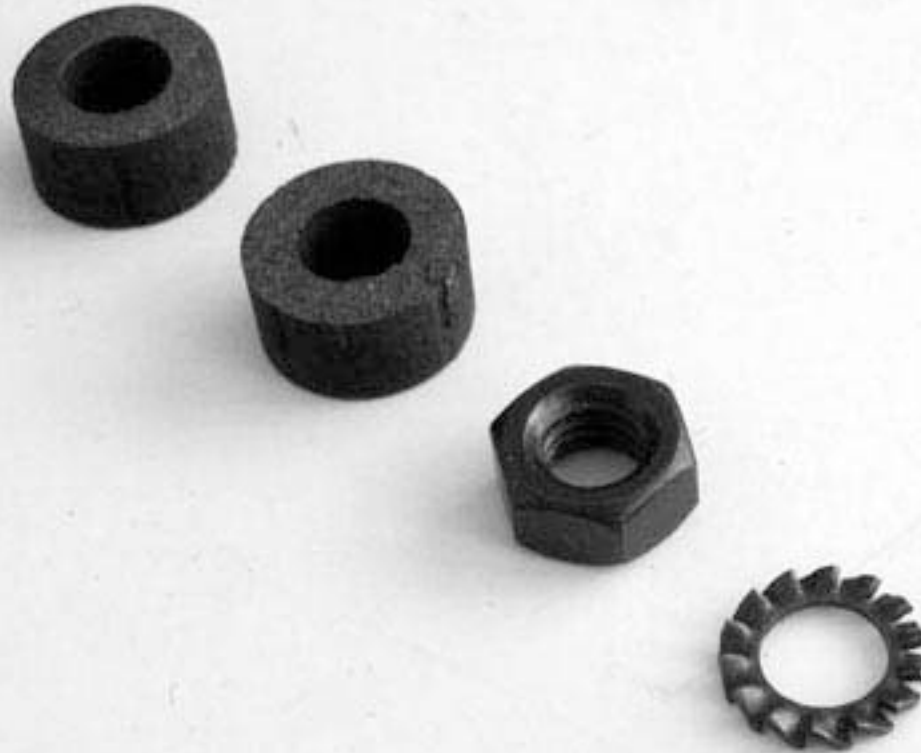


18

Using the last grain in the X packet, repeat steps from 15 to 18 to connect the second couple of levers.

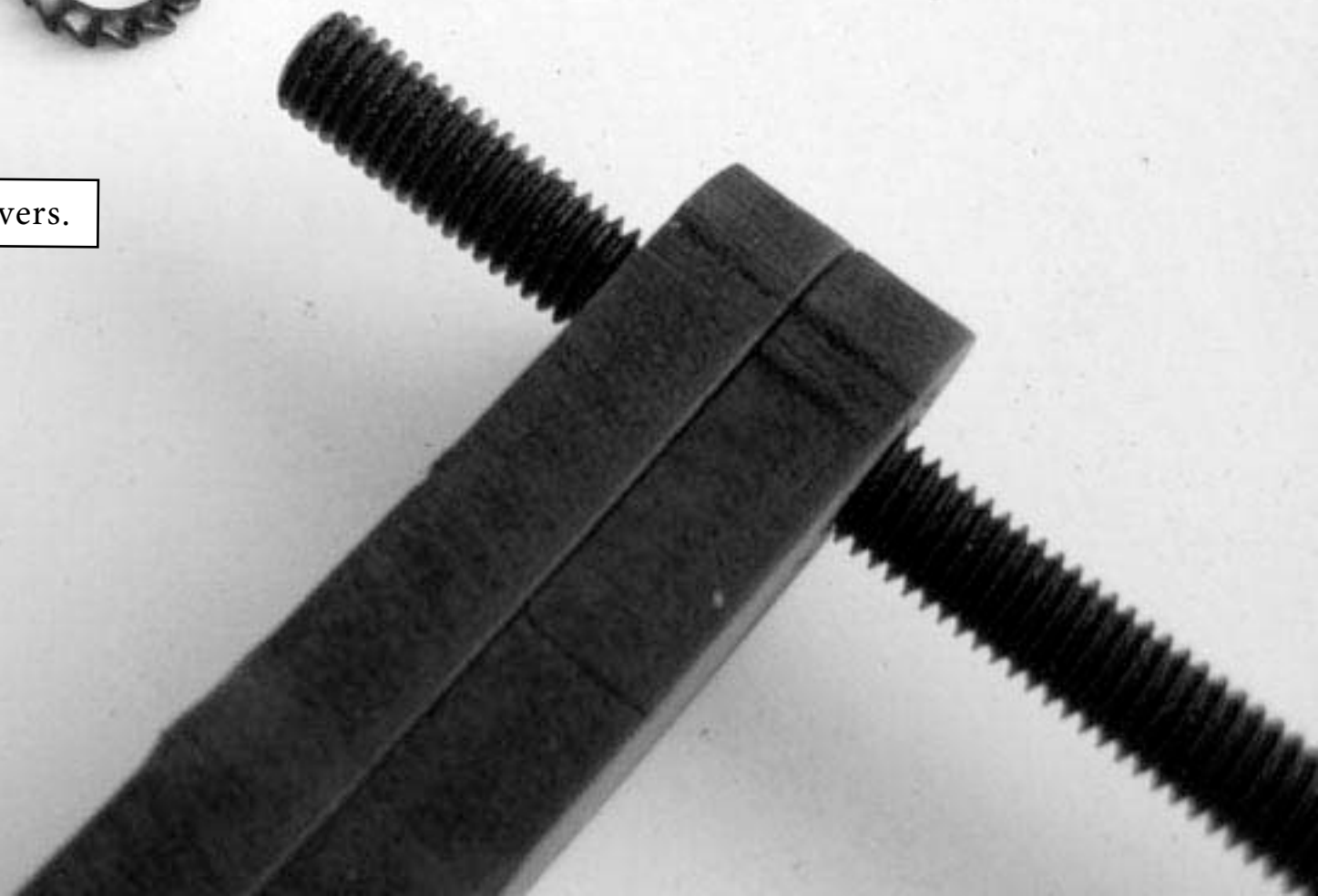
19

20

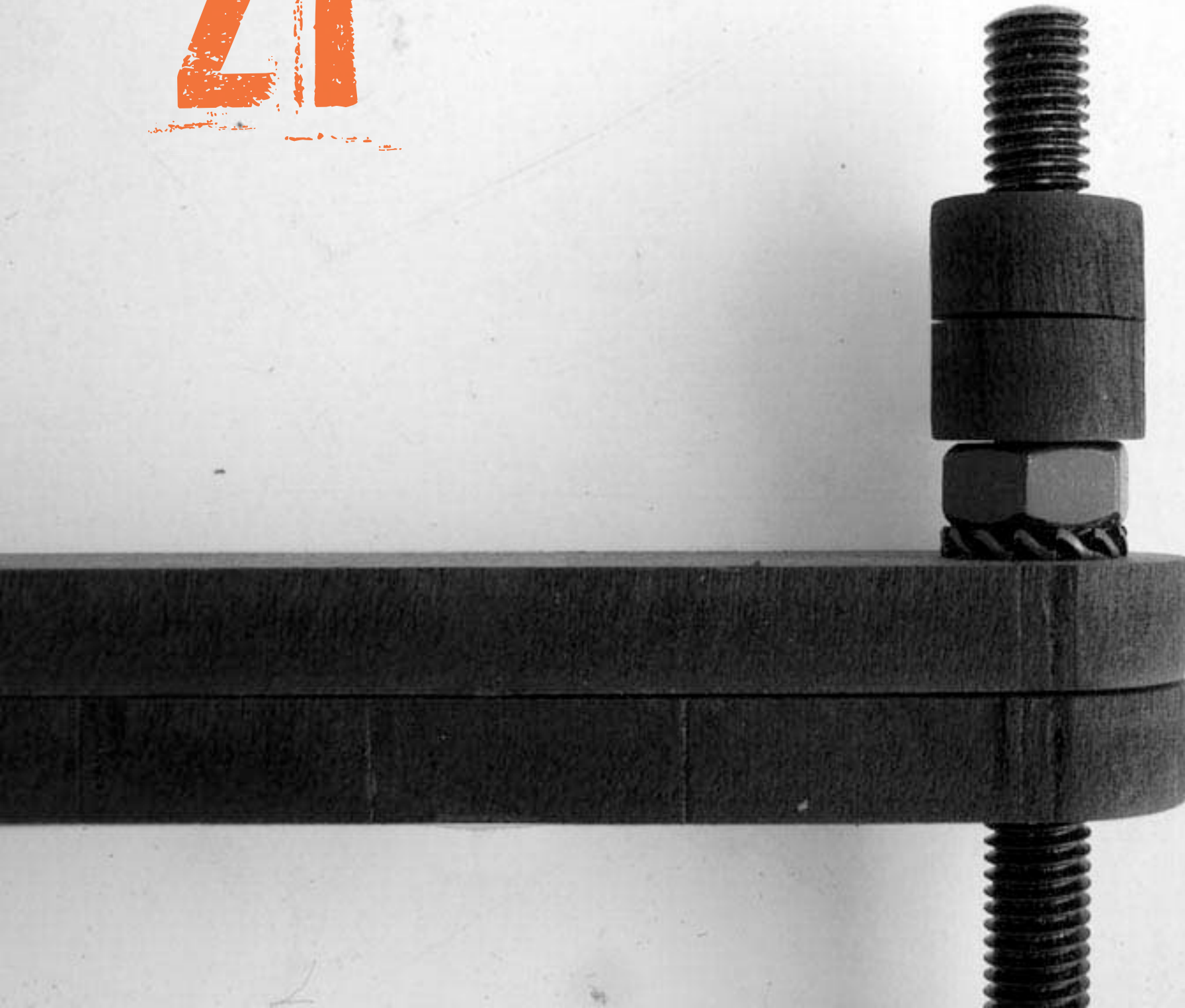


Pick up the first couple of assembled levers.

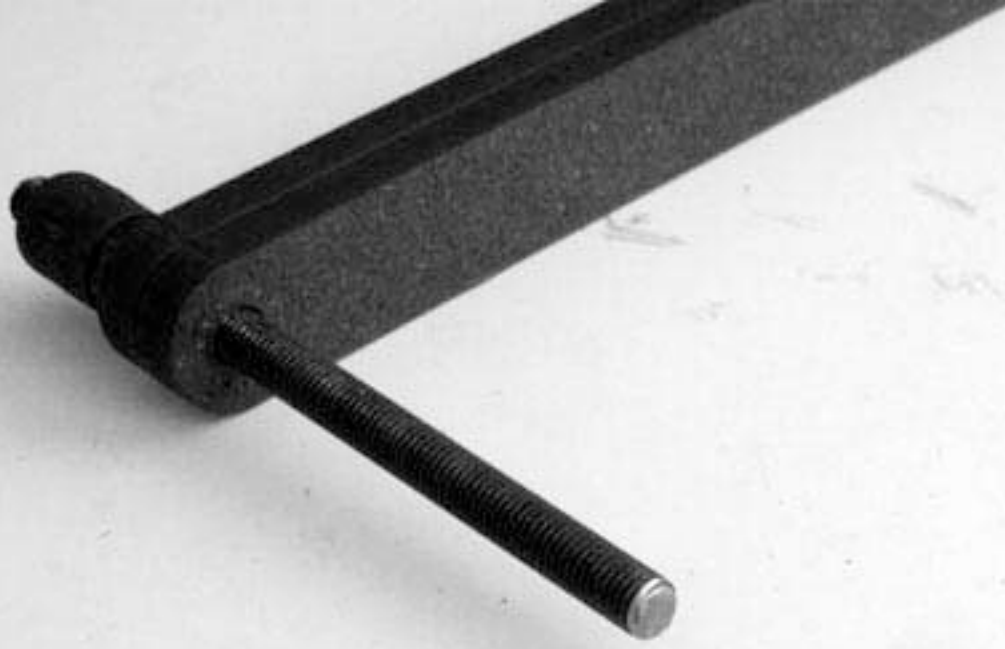
- Choose the following items from the X packet:
- 2 x wooden rings
 - 1 x black nut
 - 1 x notched washer
 - 1 x threaded rod (A)



21

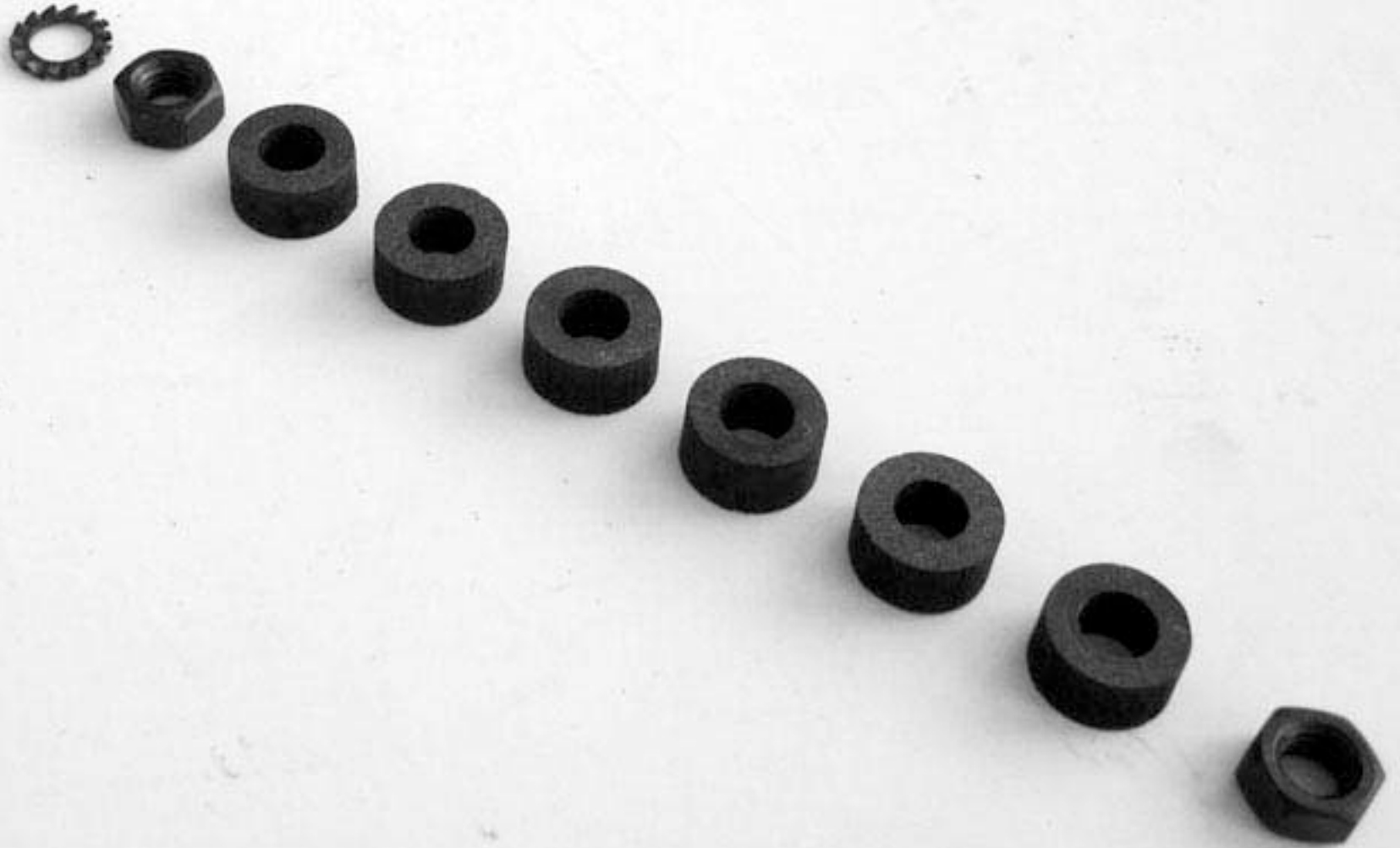


Insert the rod (A) into the hole through the levers. Then thread the notched washer, screw the nut, and introduce the wooden rings, as shown in the picture.

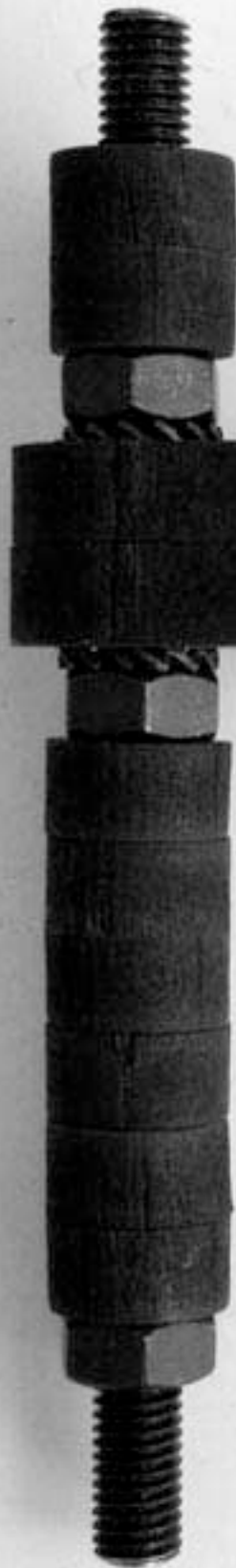


Choose the following items from the X packet:

- 6 x wooden rings
- 2 x black nuts
- 1 x notched washer



22



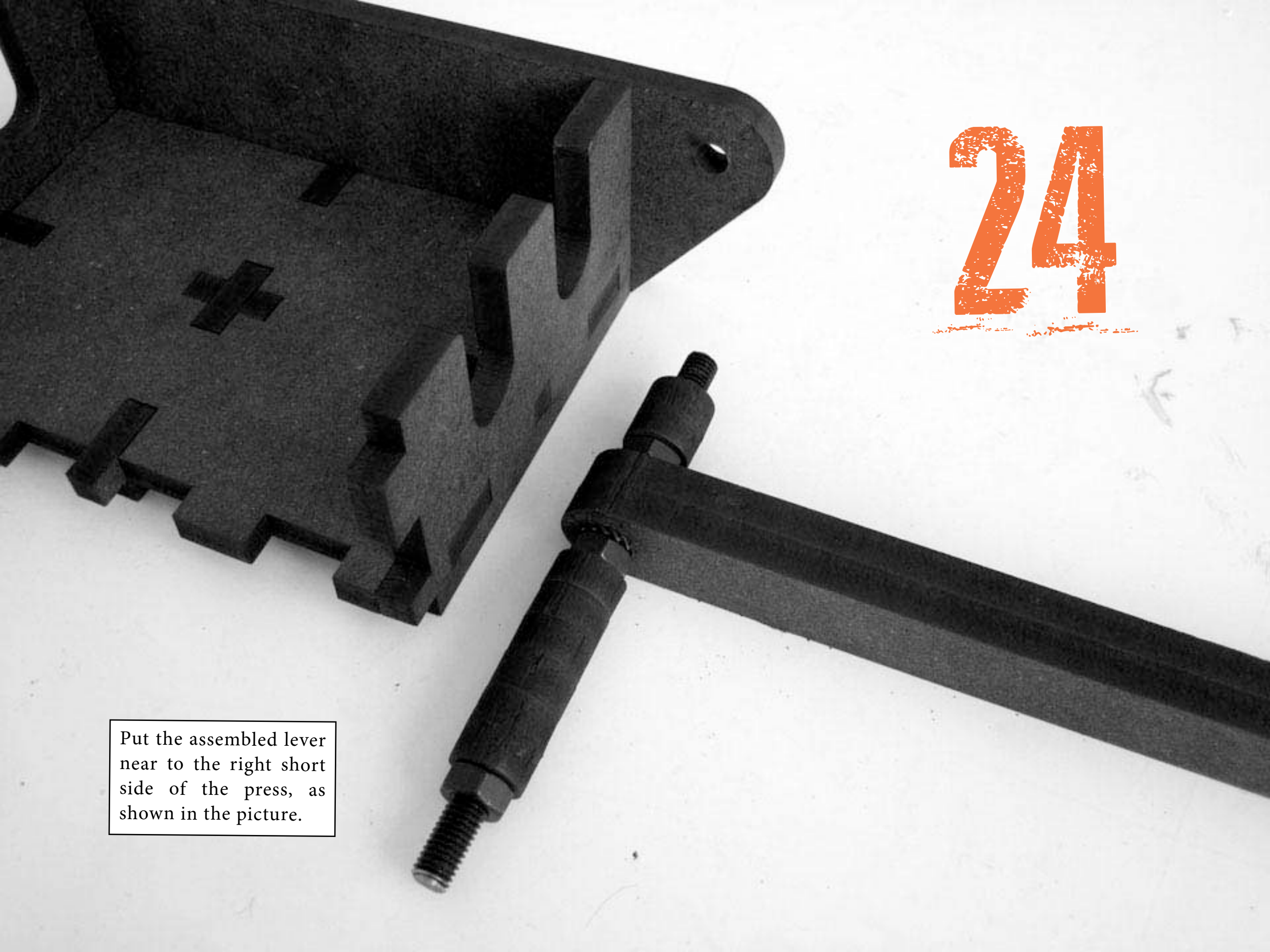
On the opposite side of the rod (A), thread the notched washer, screw the nuts, and introduce the wooden rings, as shown in the picture. The lever's couple must be not-centered looking the rod's length.

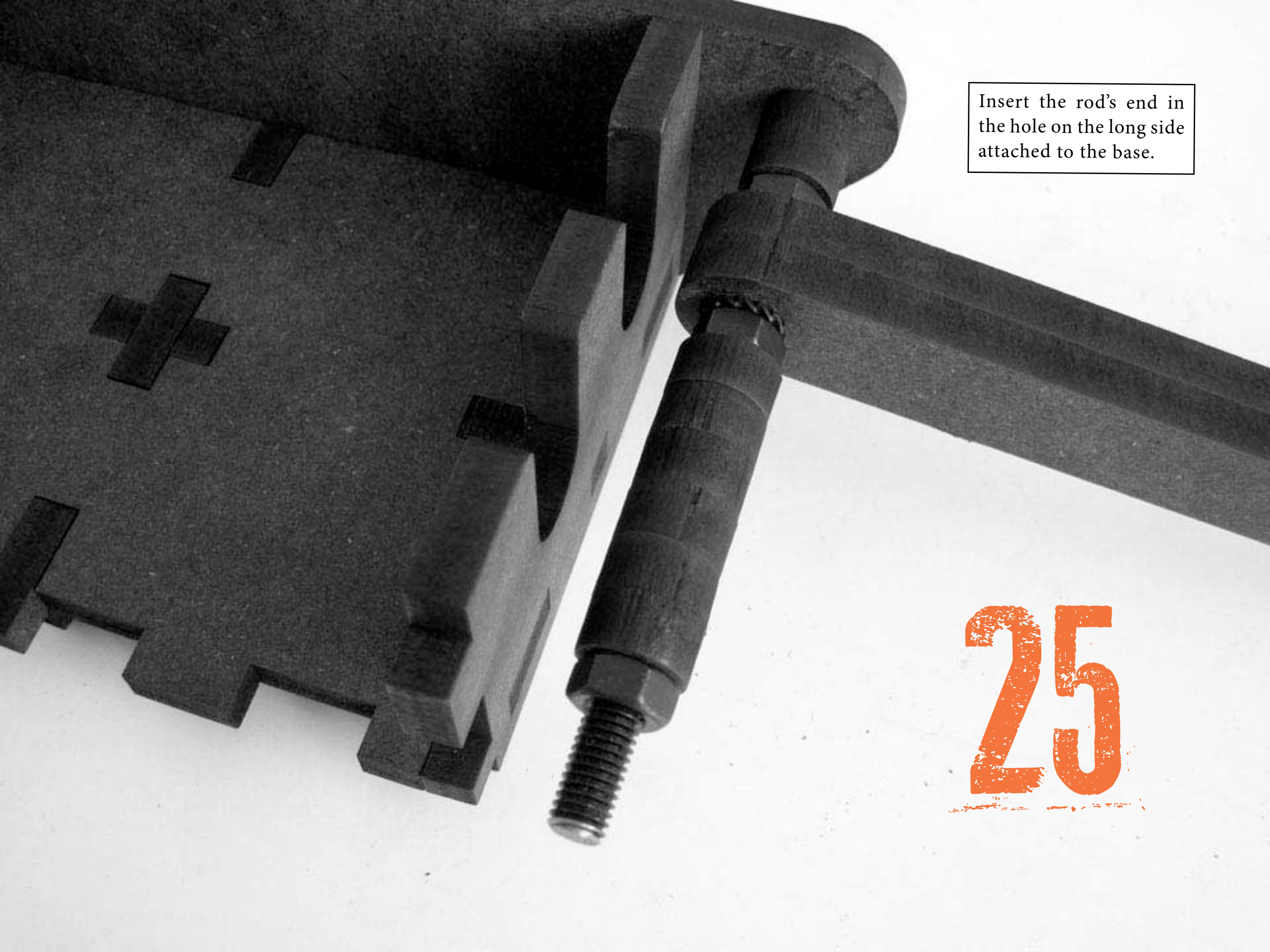
Note: don't tighten nuts too much.
Make sure to fix them after step 29.

23

24

Put the assembled lever near to the right short side of the press, as shown in the picture.



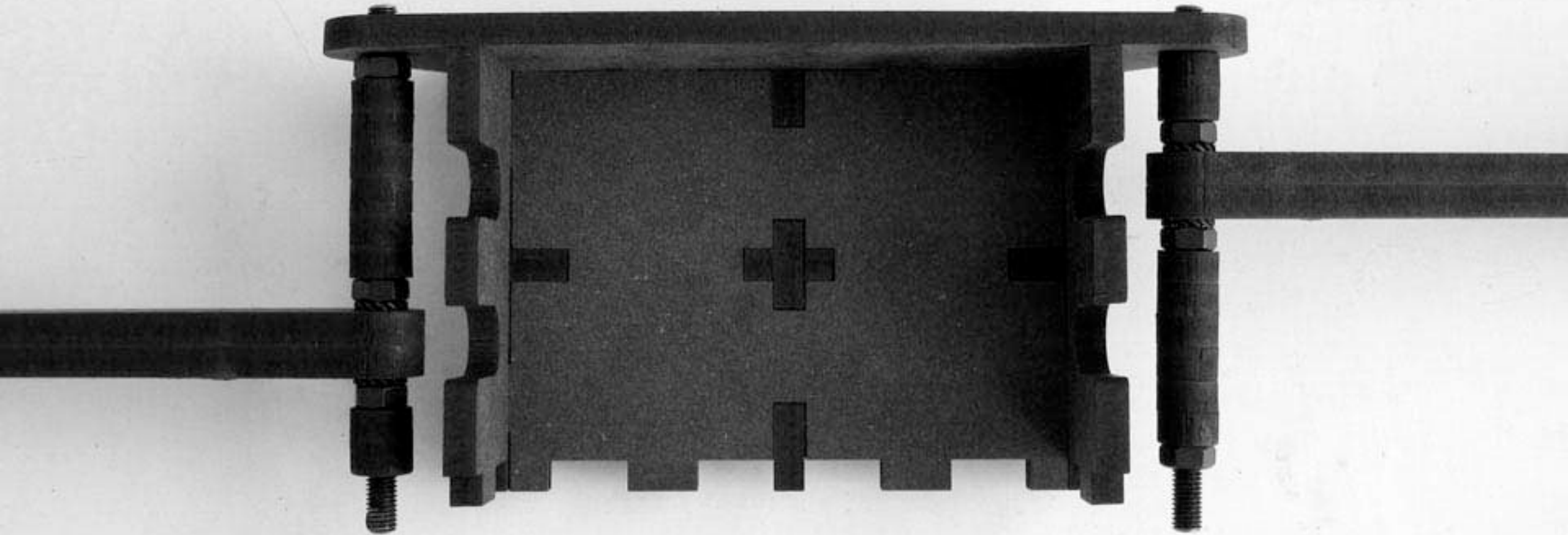
A close-up photograph of a wooden mechanical assembly. A long, cylindrical wooden rod is inserted through a hole in a wooden component. The rod is secured with a metal nut and a washer. The assembly is mounted on a wooden base. The background is a plain, light-colored surface.

Insert the rod's end in the hole on the long side attached to the base.

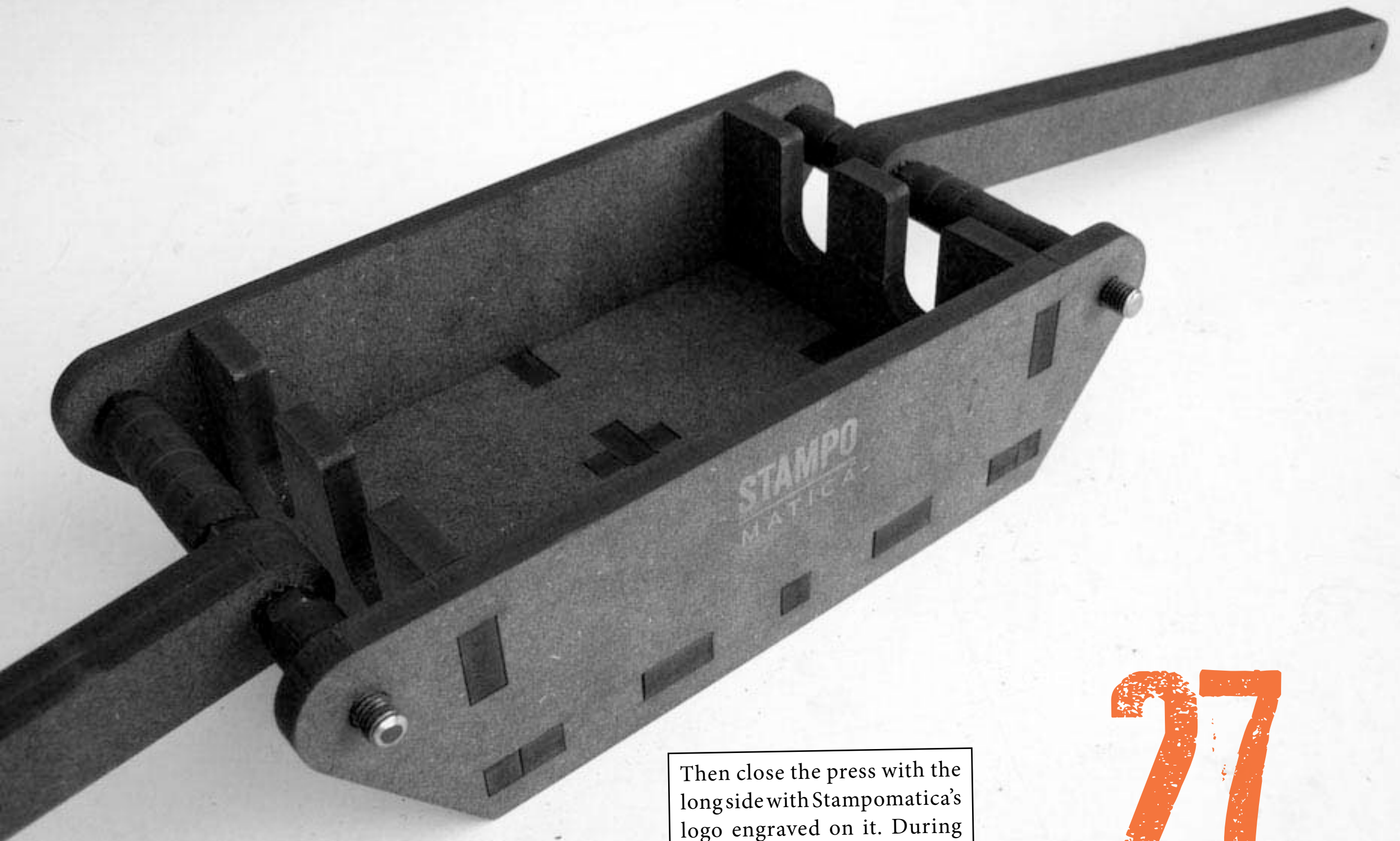
25

26

Assembled lever during steps 20-25 (right side).

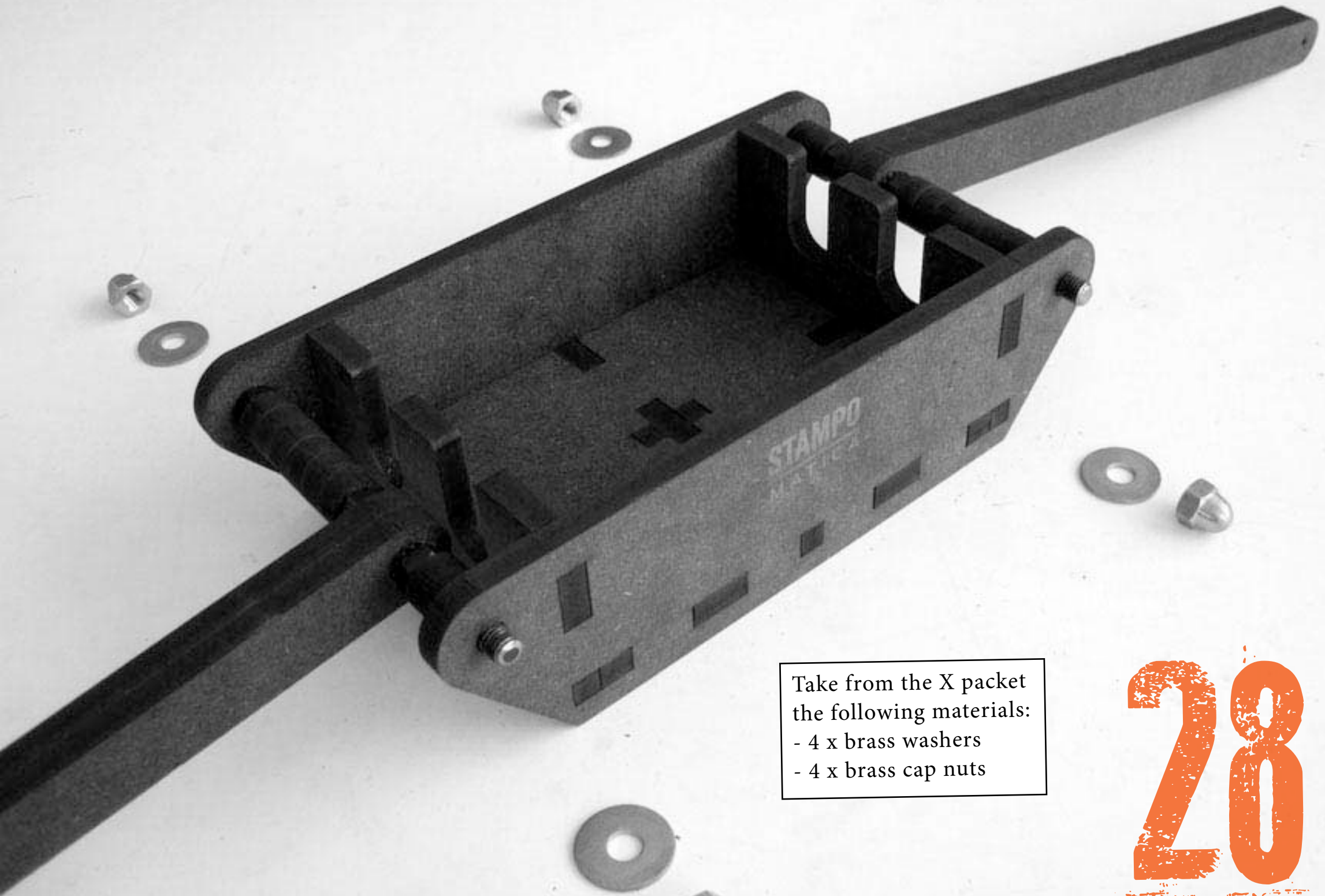


Repeat steps from 20 to 25 with the second couple of levers on the left side, paying attention to mirroring the process.



Then close the press with the longside with Stampomatica's logo engraved on it. During these steps, it's better to keep the levers outwards, standing on the working table instead of closed on the press.

27



Take from the X packet
the following materials:
- 4 x brass washers
- 4 x brass cap nuts

28



29

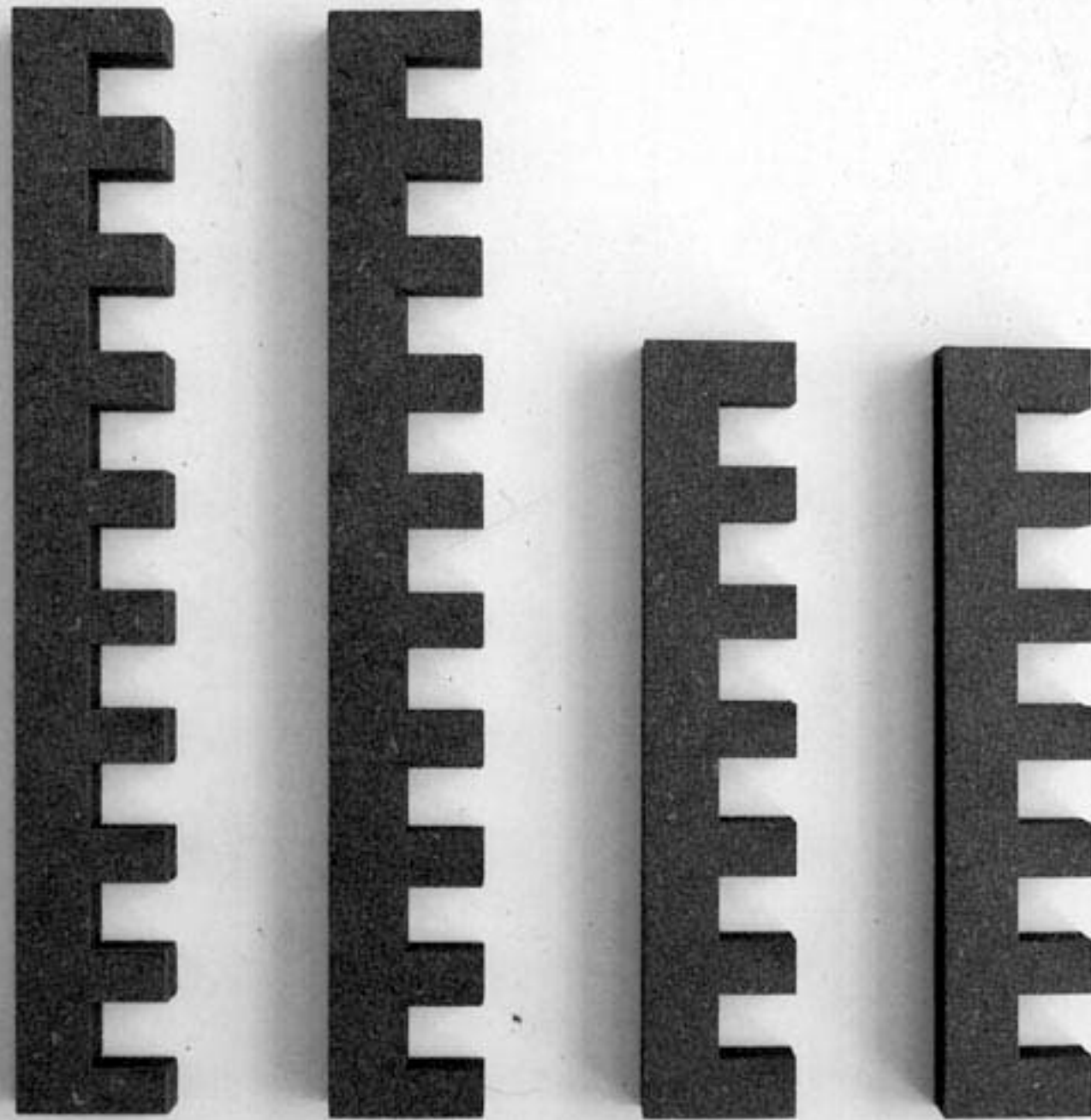
Place the brass washers
outwards each sides on
the ends of the rods.
Then tighten the cap
nuts to fix the press.



30

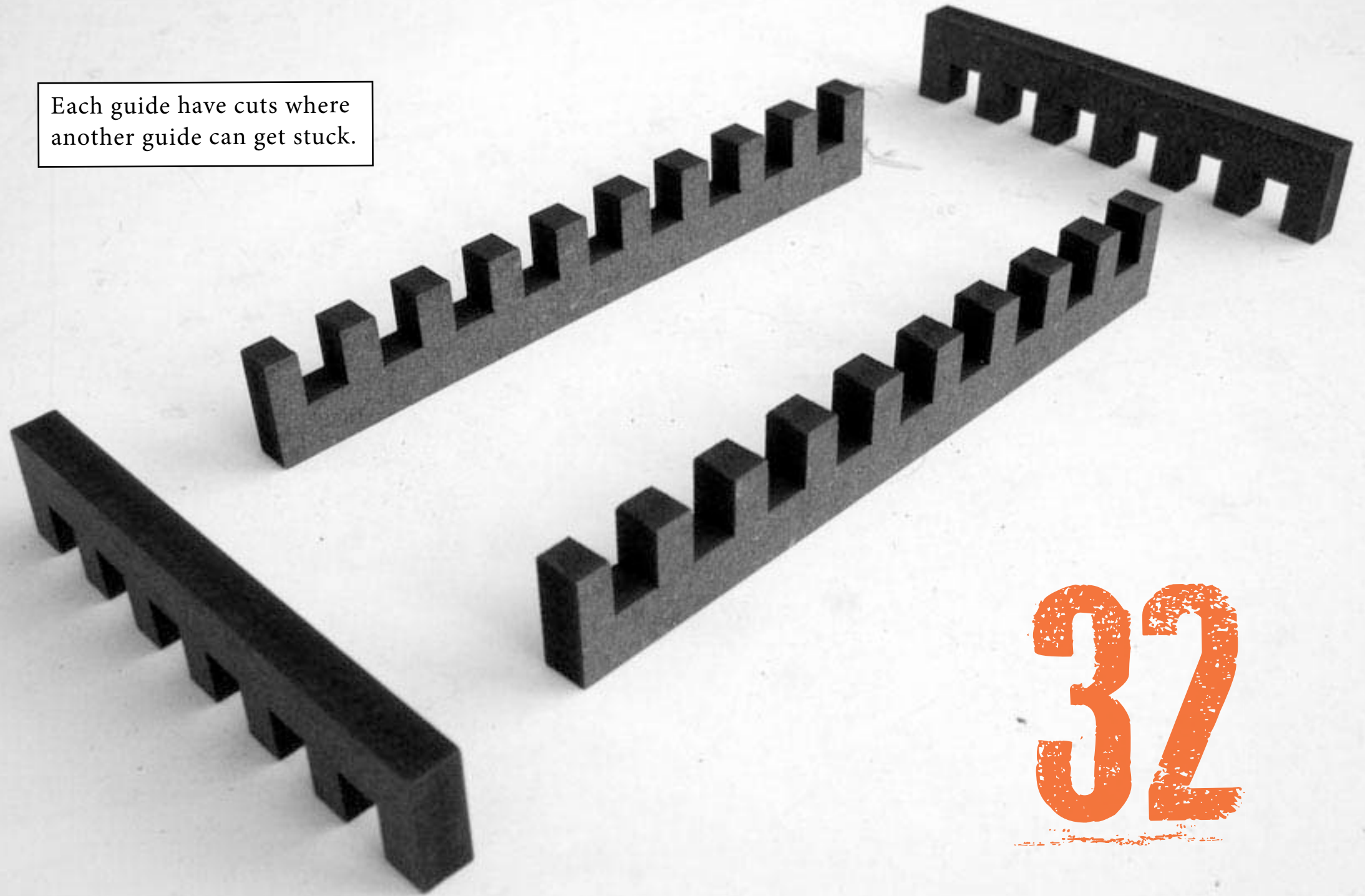
Two standard 13 wrenches will help you to tighten nuts and fix all the structure.

Choose from the DIY kit the four guides to assembly the grid frame.

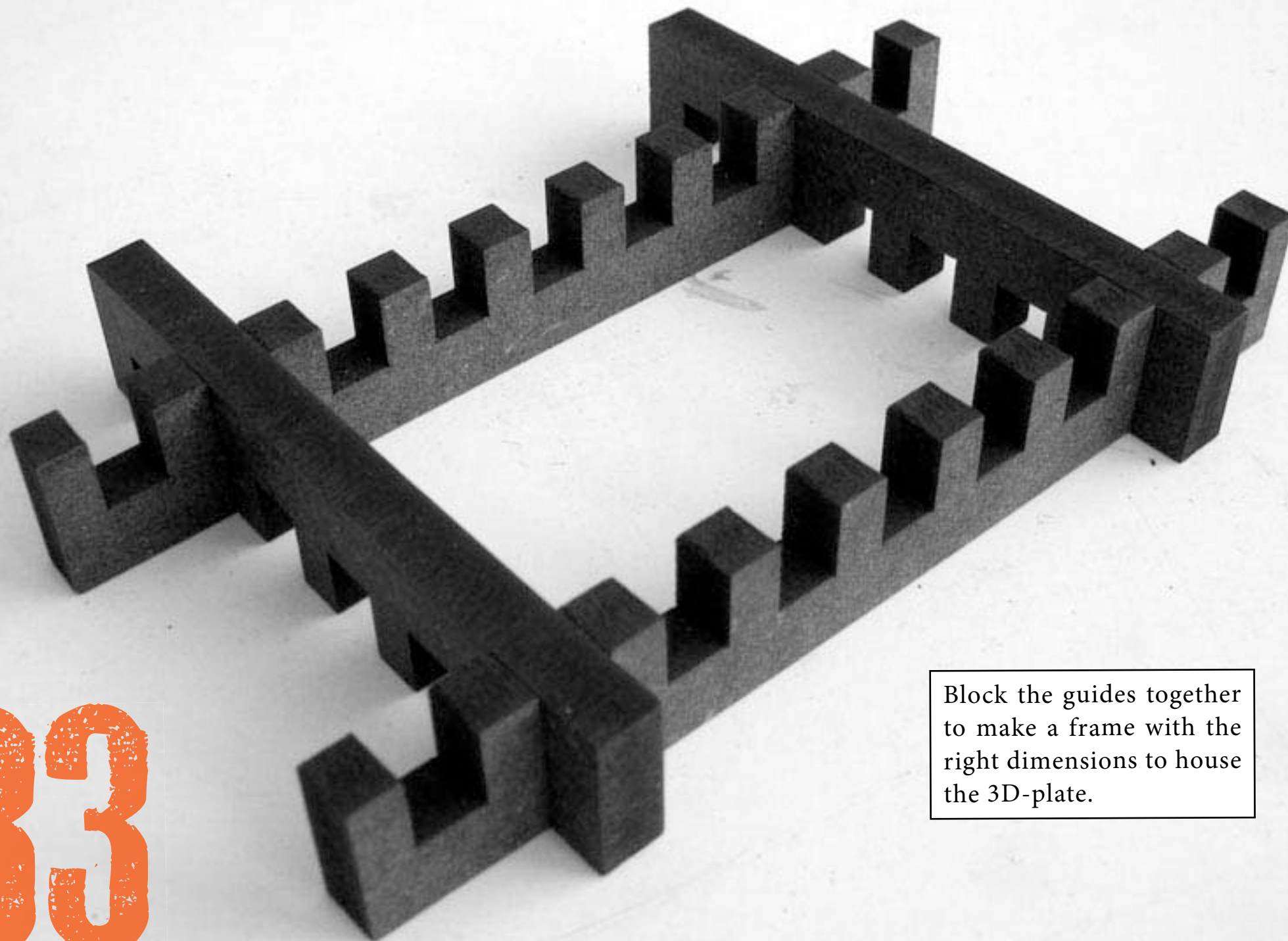


31

Each guide have cuts where another guide can get stuck.

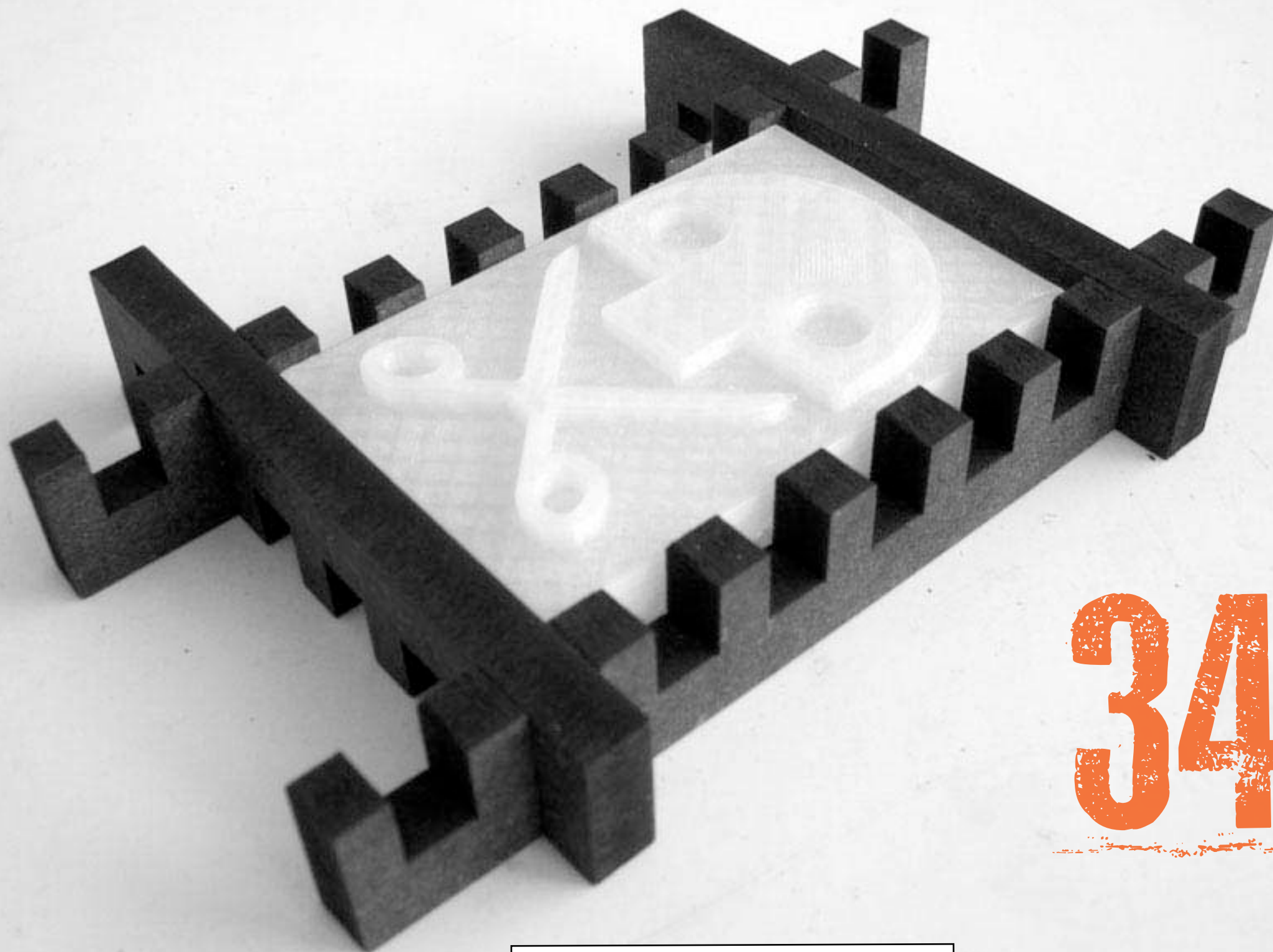


32



Block the guides together to make a frame with the right dimensions to house the 3D-plate.

33



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Insert the 3D-plate in the framework.

Place the framework
with the 3D-plate into
the press.

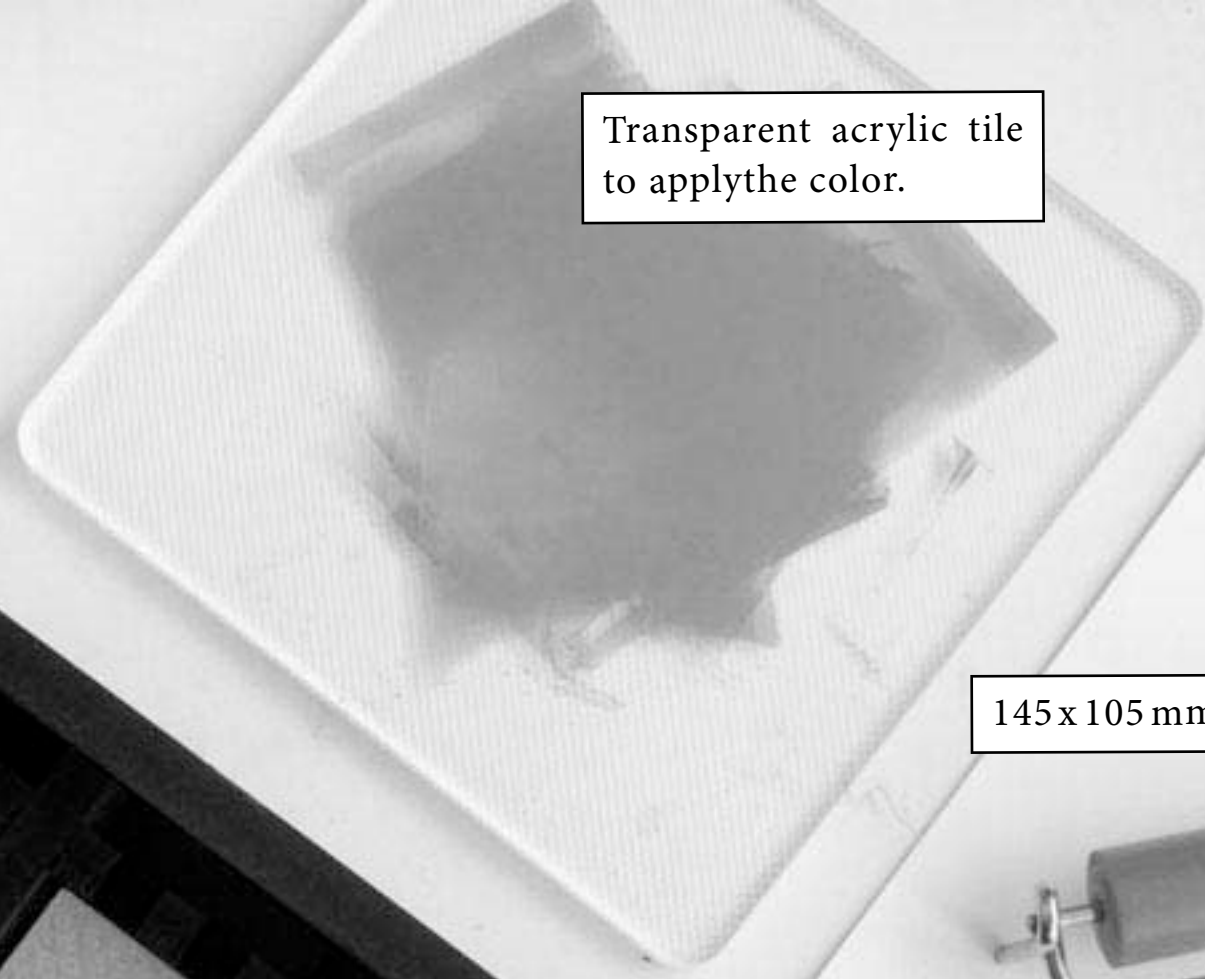
35



Water-based high quality color for linoleography.



Transparent acrylic tile to apply the color.



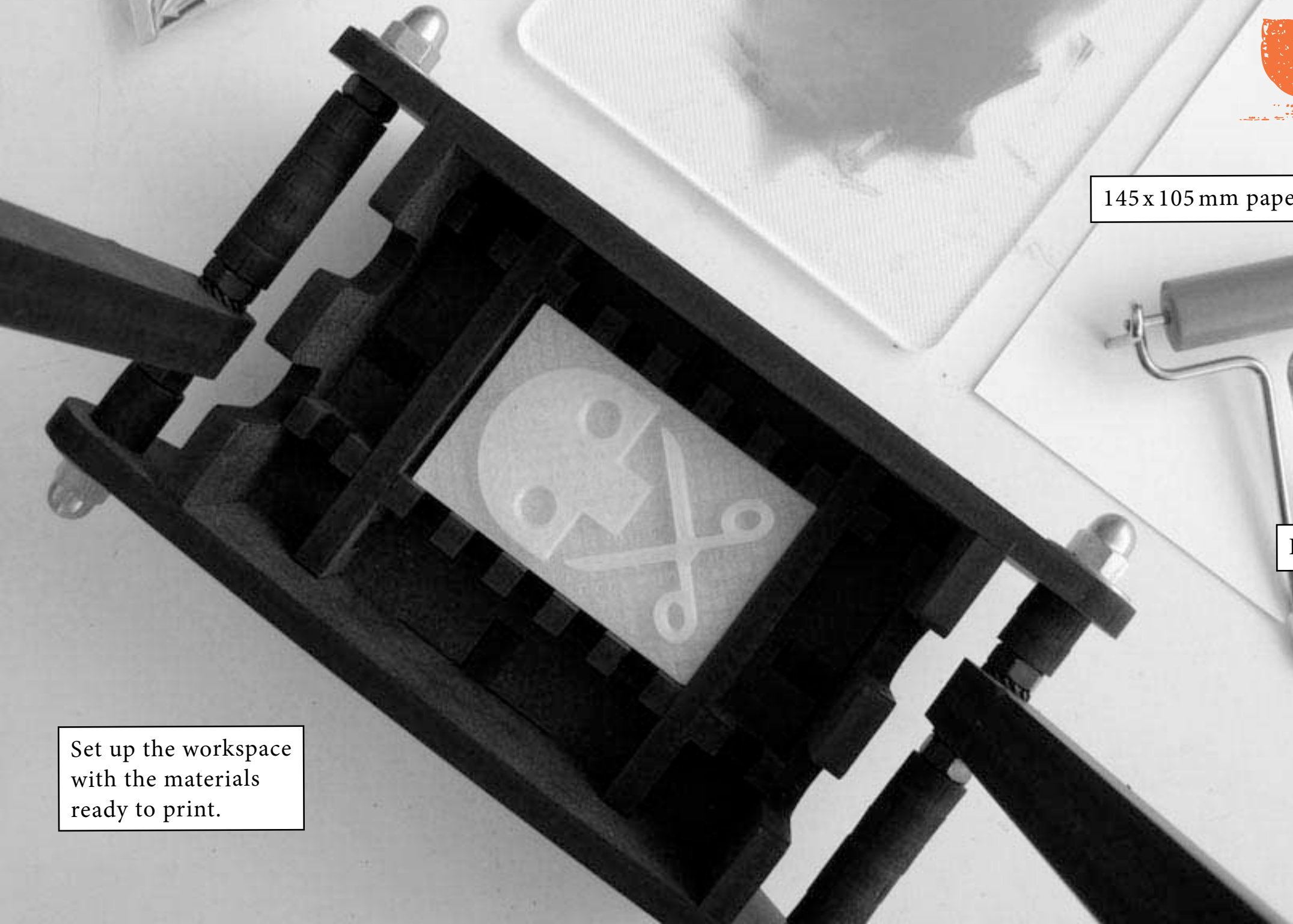
145 x 105 mm paper 180-300 g/m²



Rubber roll

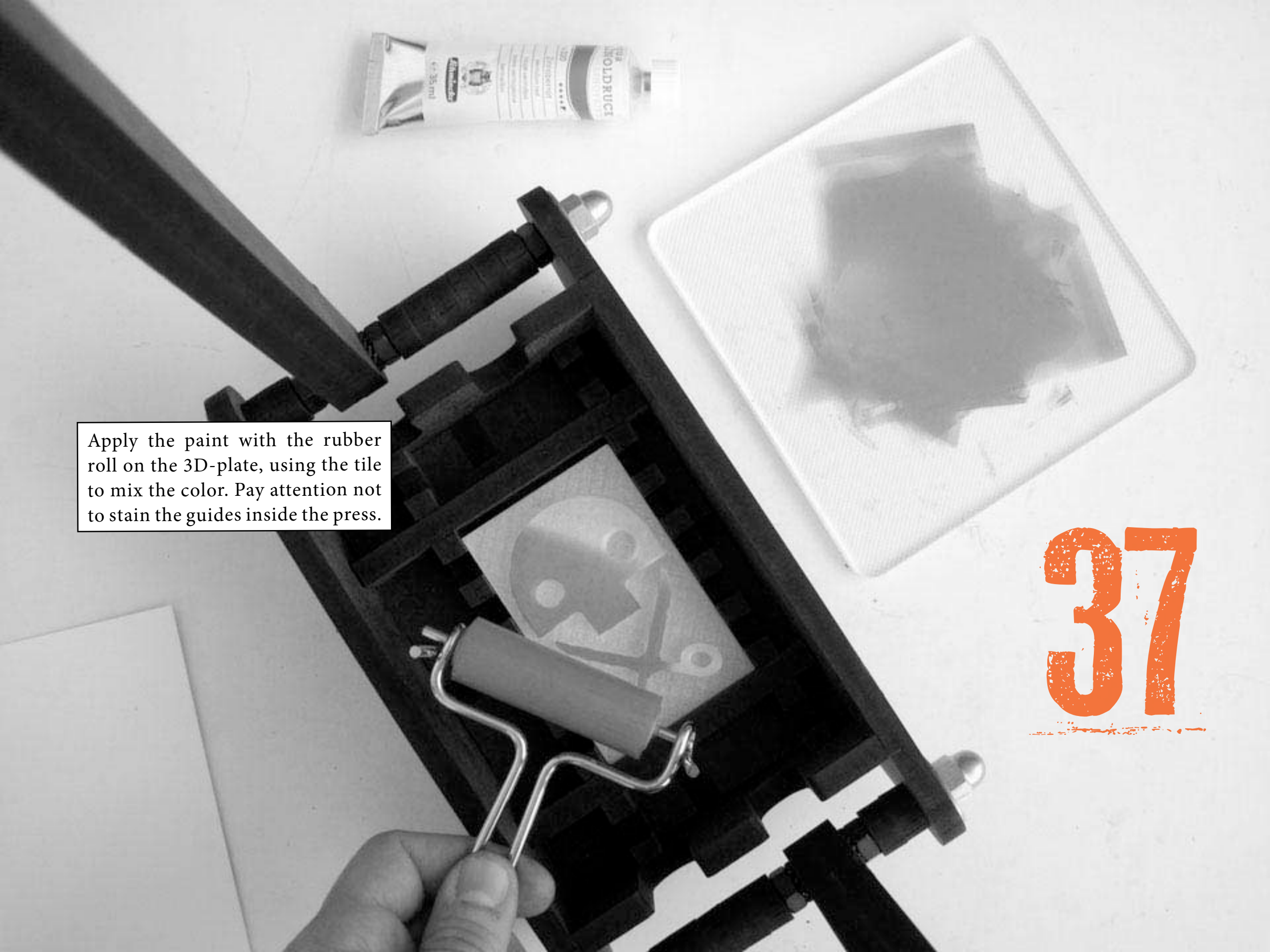


Set up the workspace with the materials ready to print.



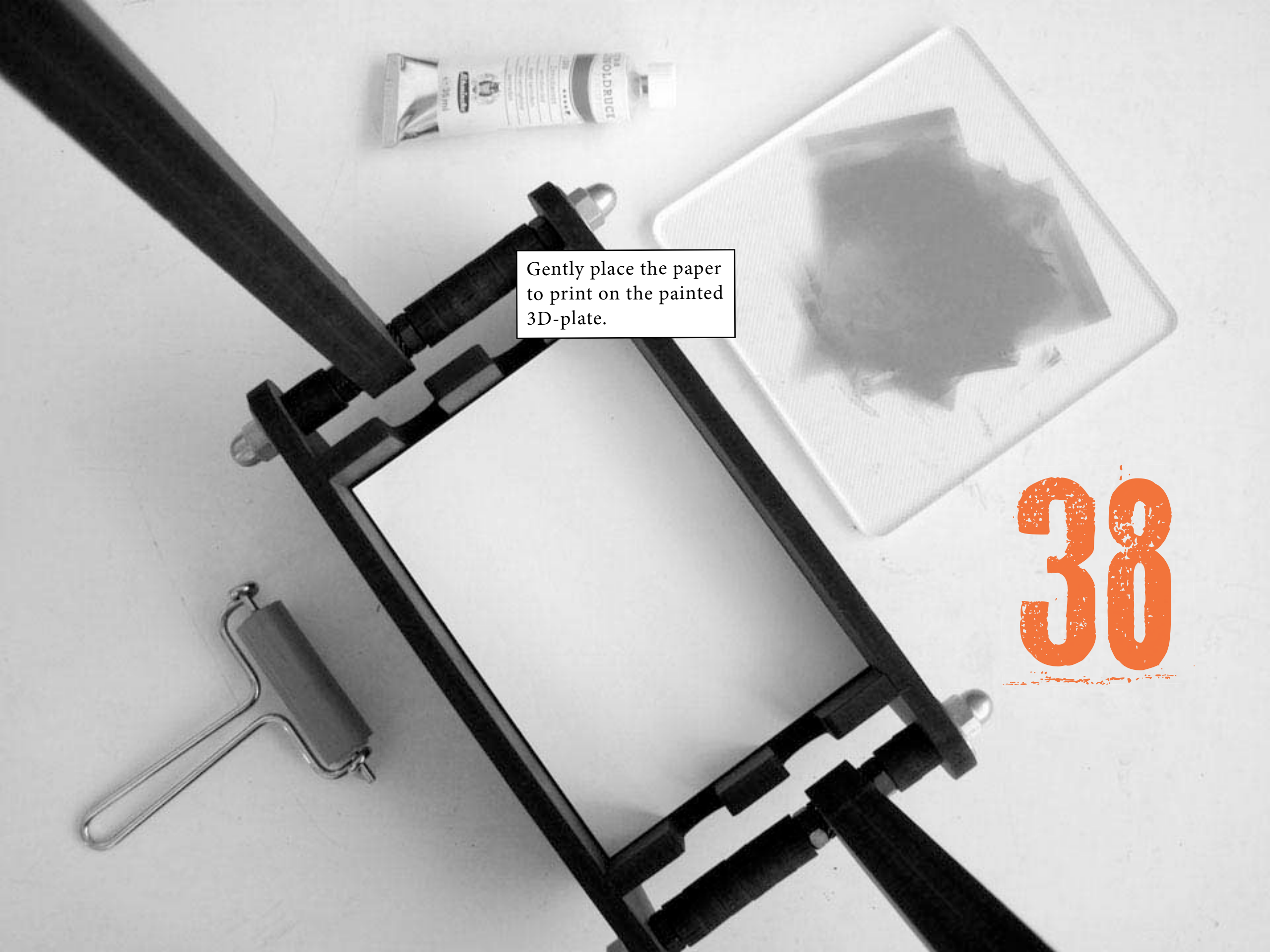
Apply the paint with the rubber roll on the 3D-plate, using the tile to mix the color. Pay attention not to stain the guides inside the press.

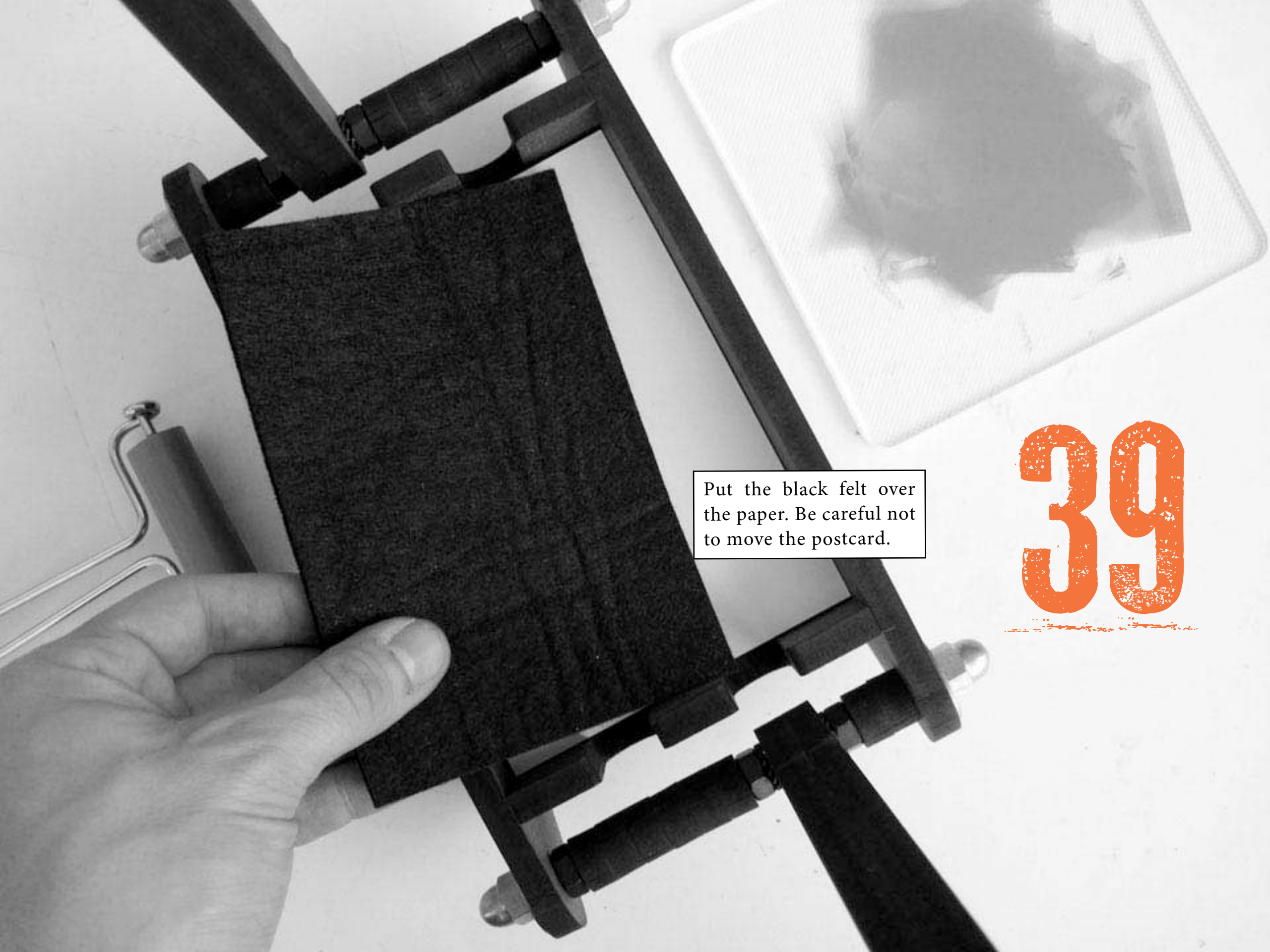
37



Gently place the paper to print on the painted 3D-plate.

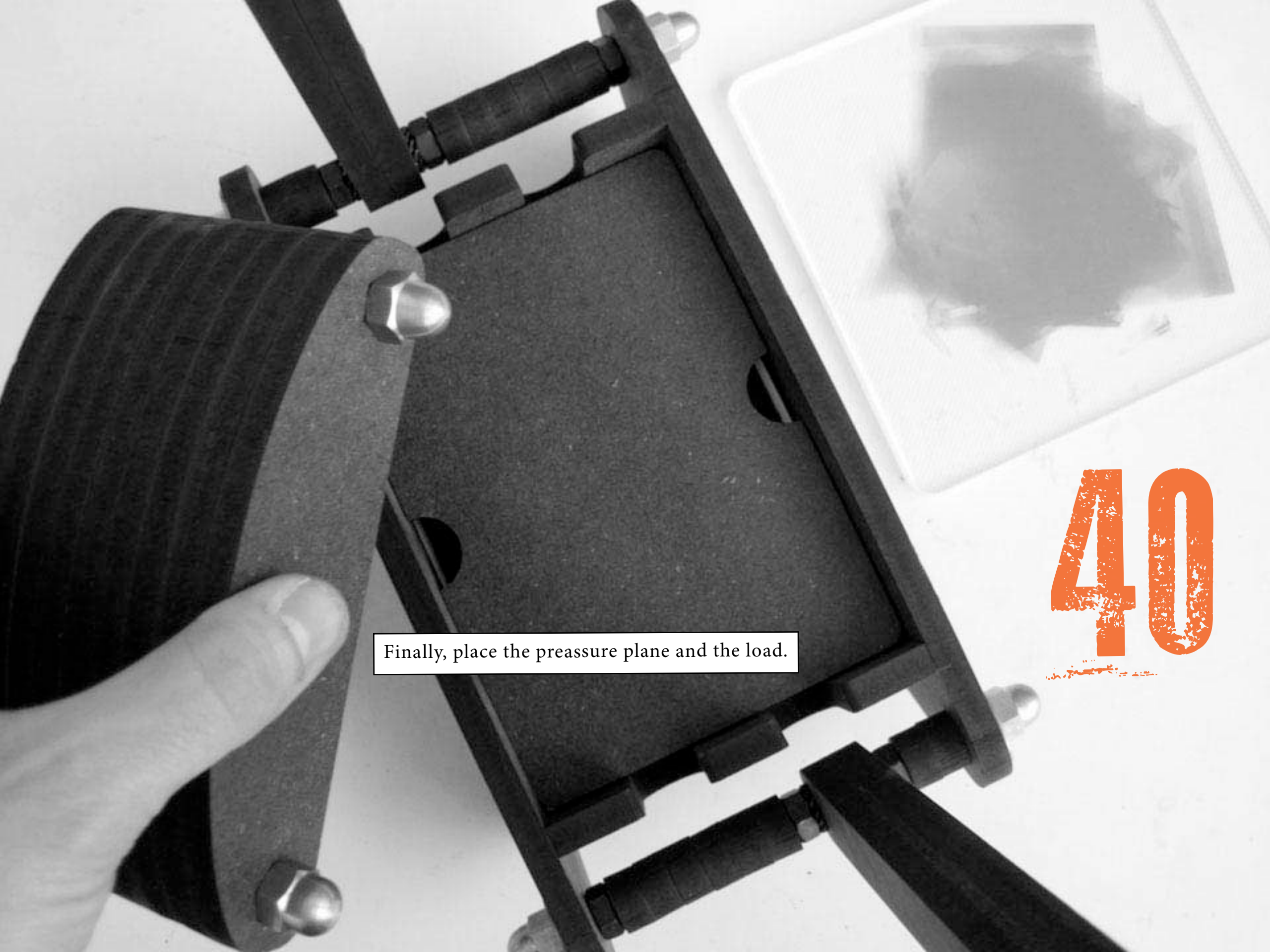
38





Put the black felt over the paper. Be careful not to move the postcard.

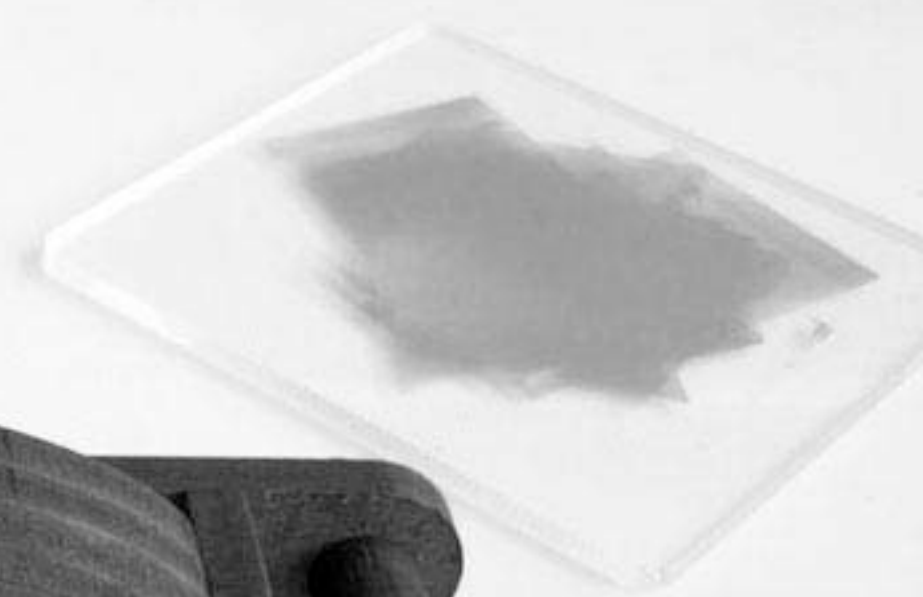
39



Finally, place the pressure plane and the load.

40

Ready to print?



41

42



Cross the levers and press them together by force.

At the end, pull out the various parts to draw the paper from the press. Paint the 3D-plate with the rubber roll after each print to achieve more colorful letterpress effect.

#3D Letterpress

STAMPO

MATICA

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Stampomatica is an opensource project by Tecnificio (maker facility in Milan) & Lino's Type (hand letterpress in Verona).
Laser cut with passion by sololuce.biz and made in Italy with love, 2014