

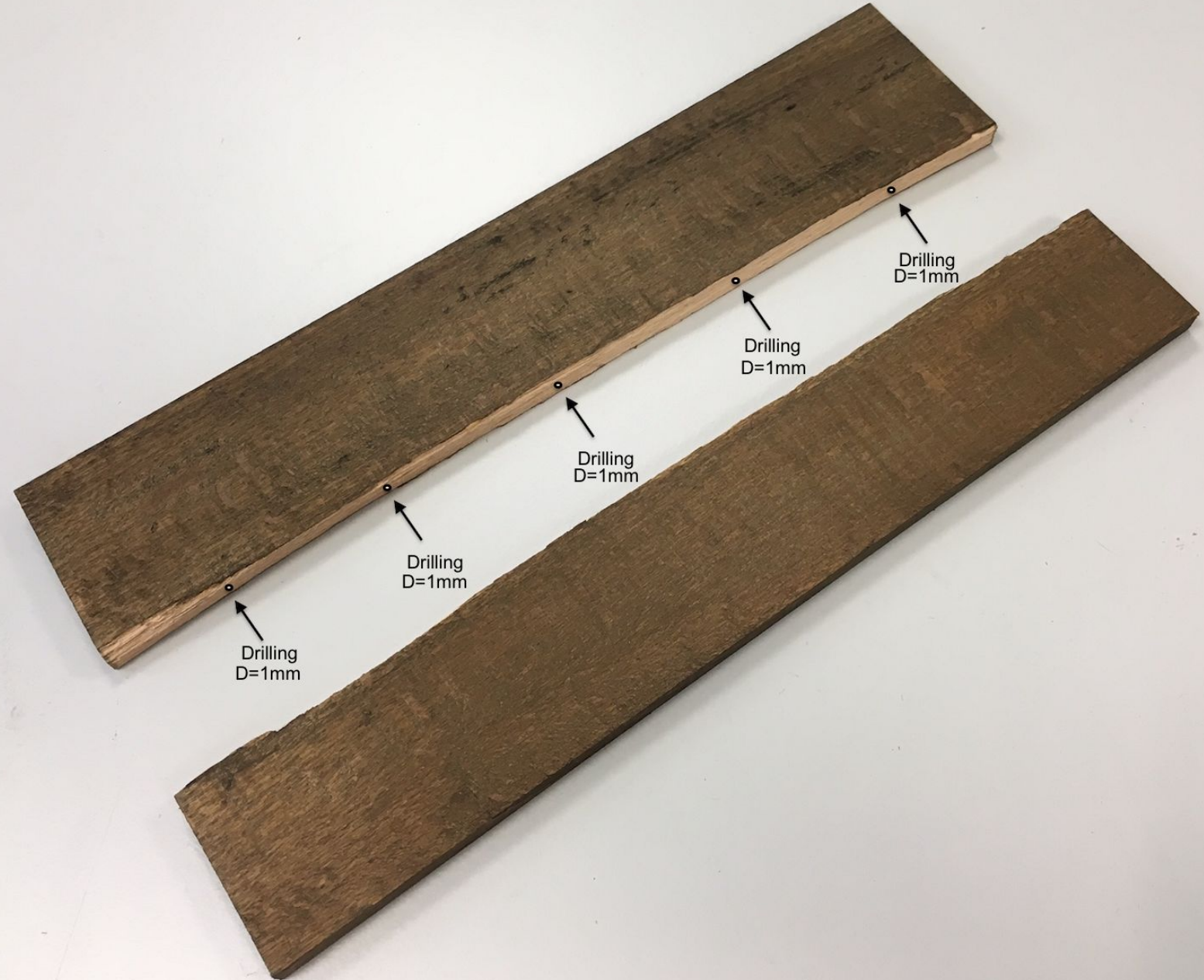
Application and use of a wooden frame as press  
for broken wooden boards.

Part 1) How the frame is used

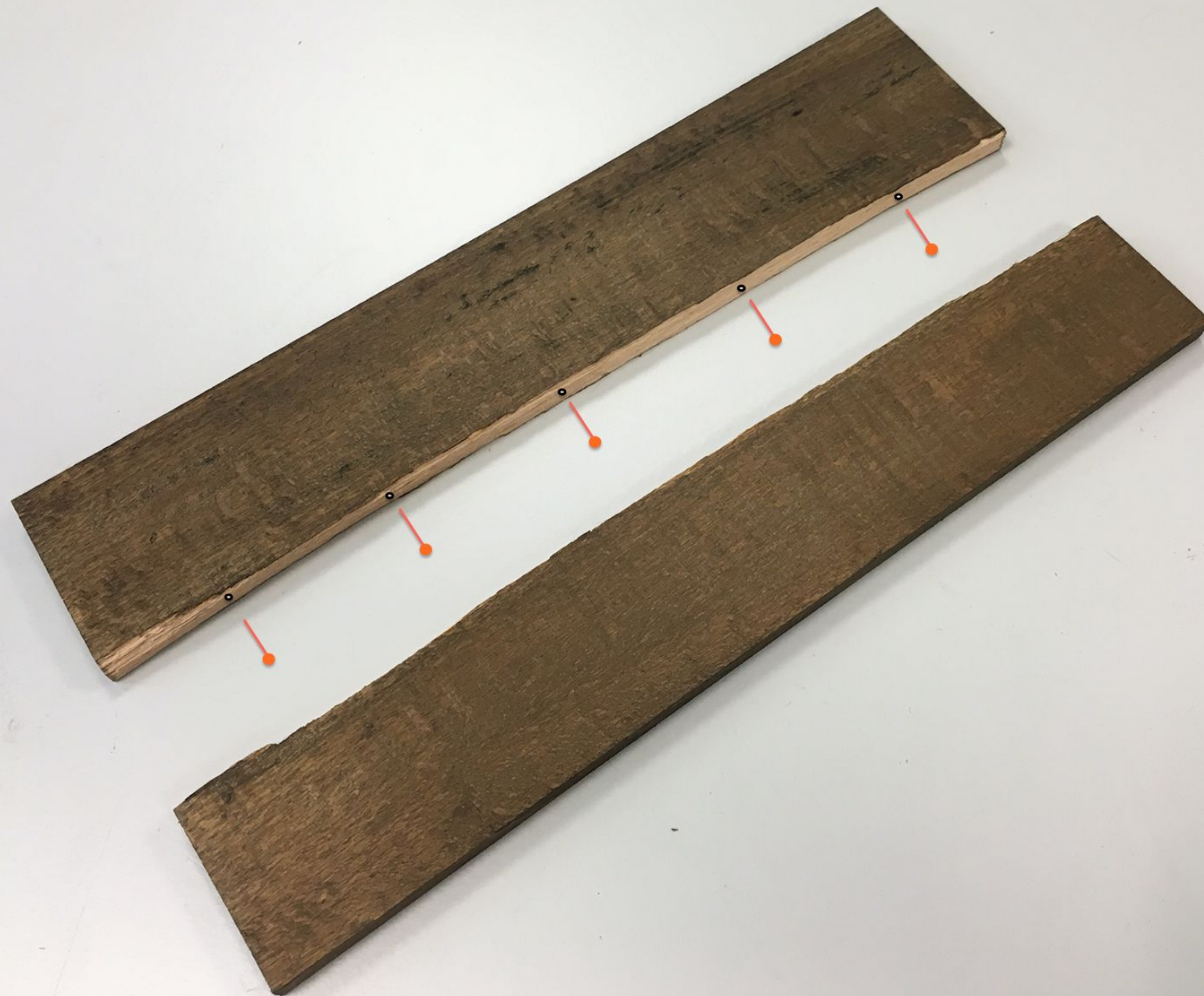
Part 2) Construction, drawing and dimensions  
of the frame

The problem:

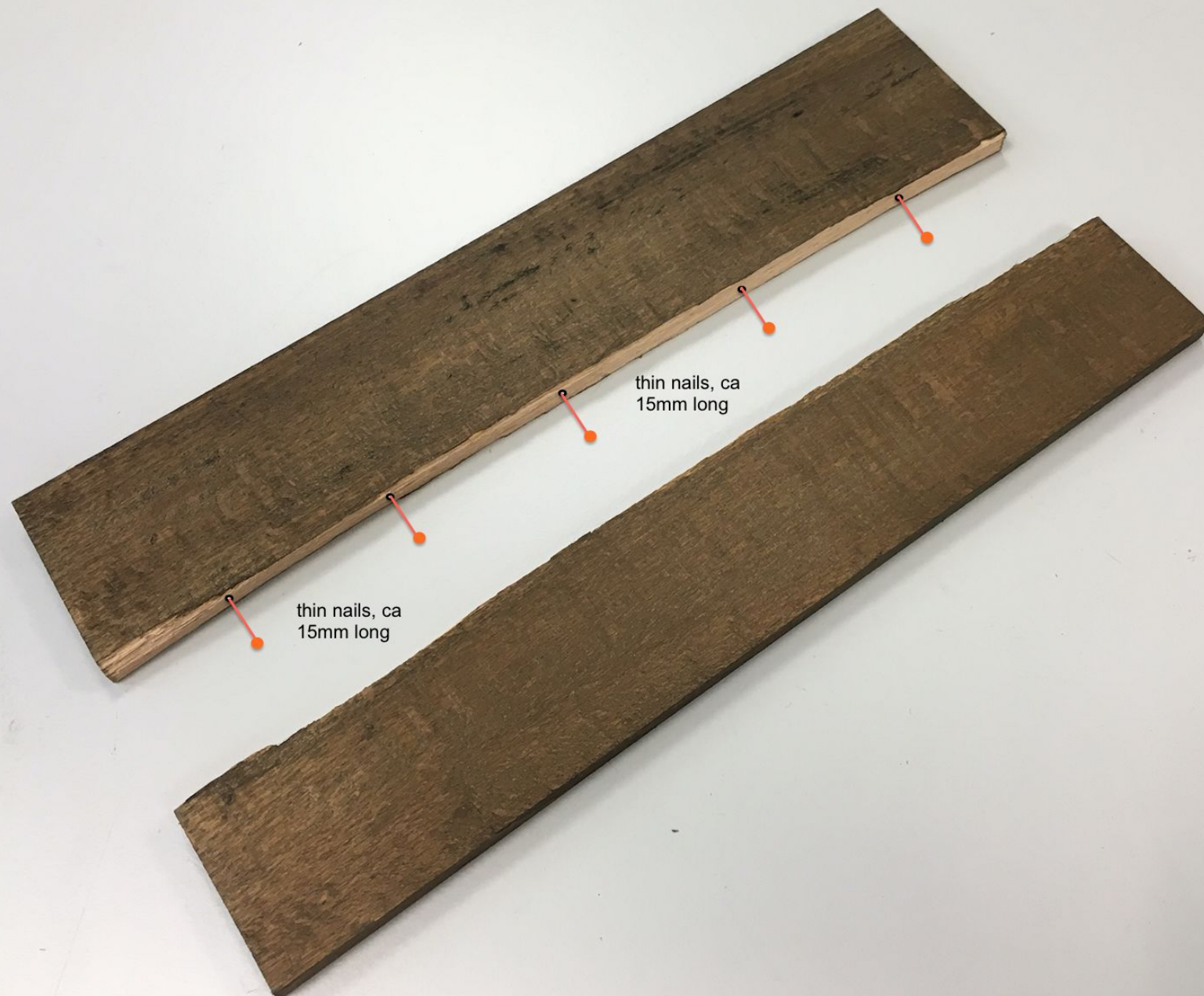
Broken  
wooden boards  
need to be  
securely  
attached.



1



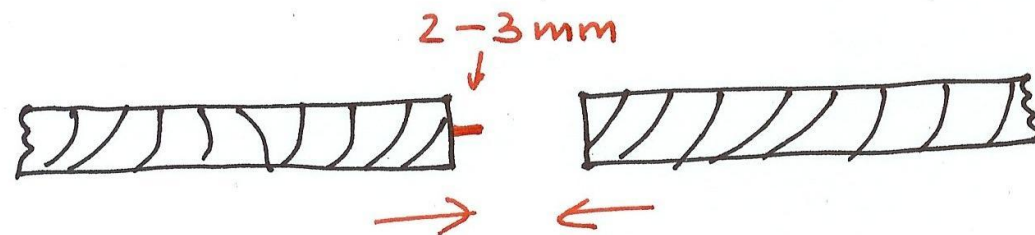
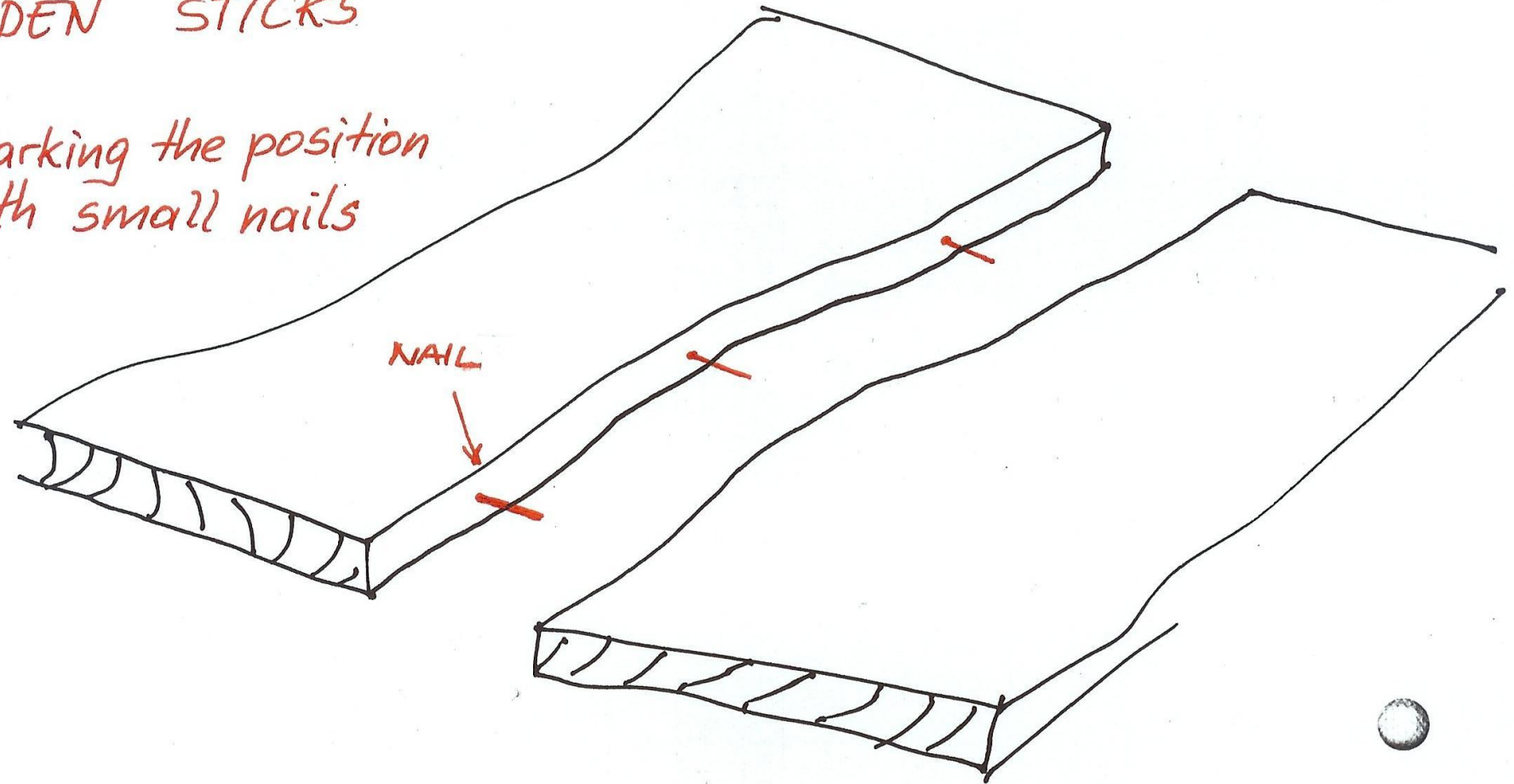


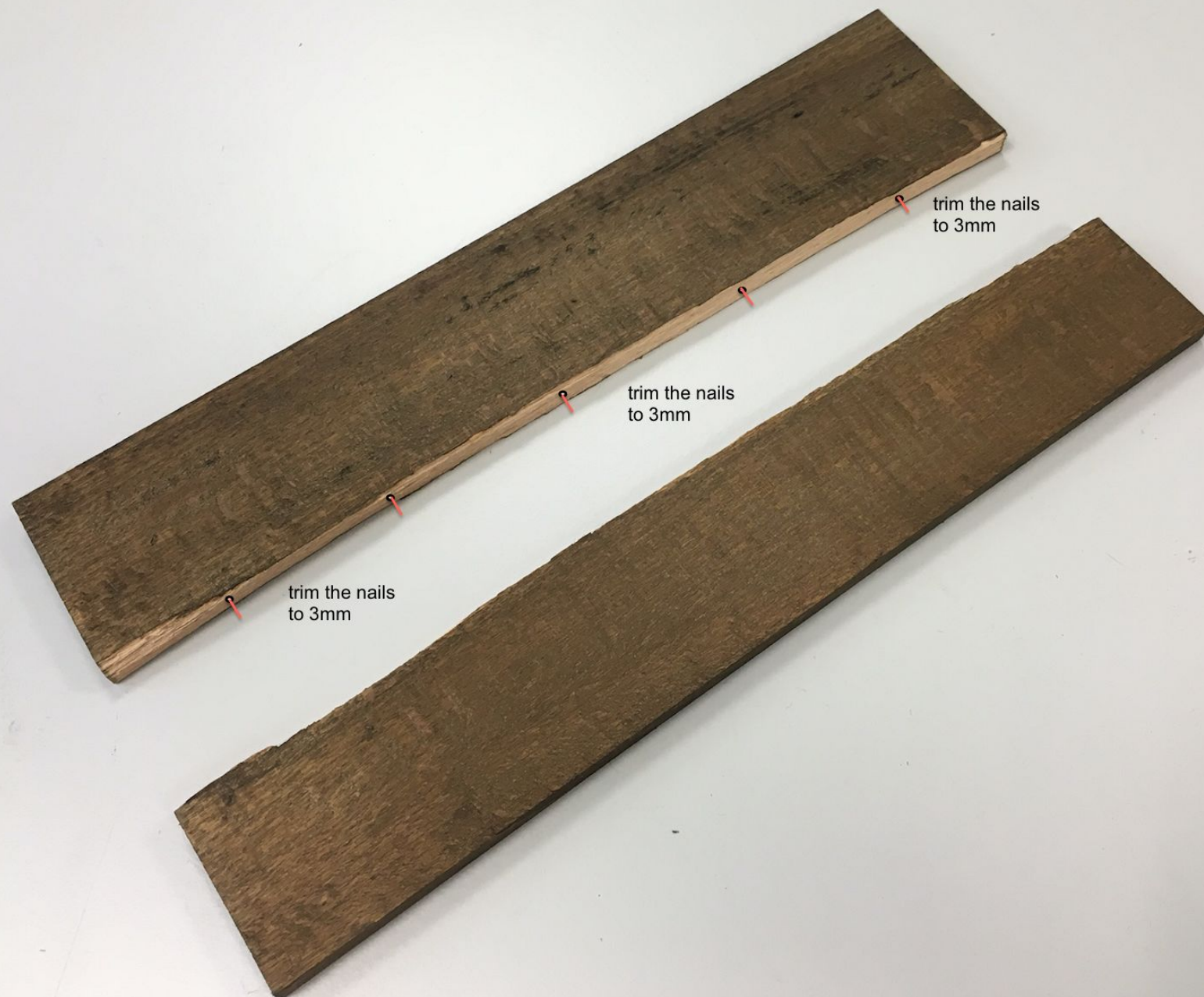


2

## CONNECTION WITH WOODEN STICKS

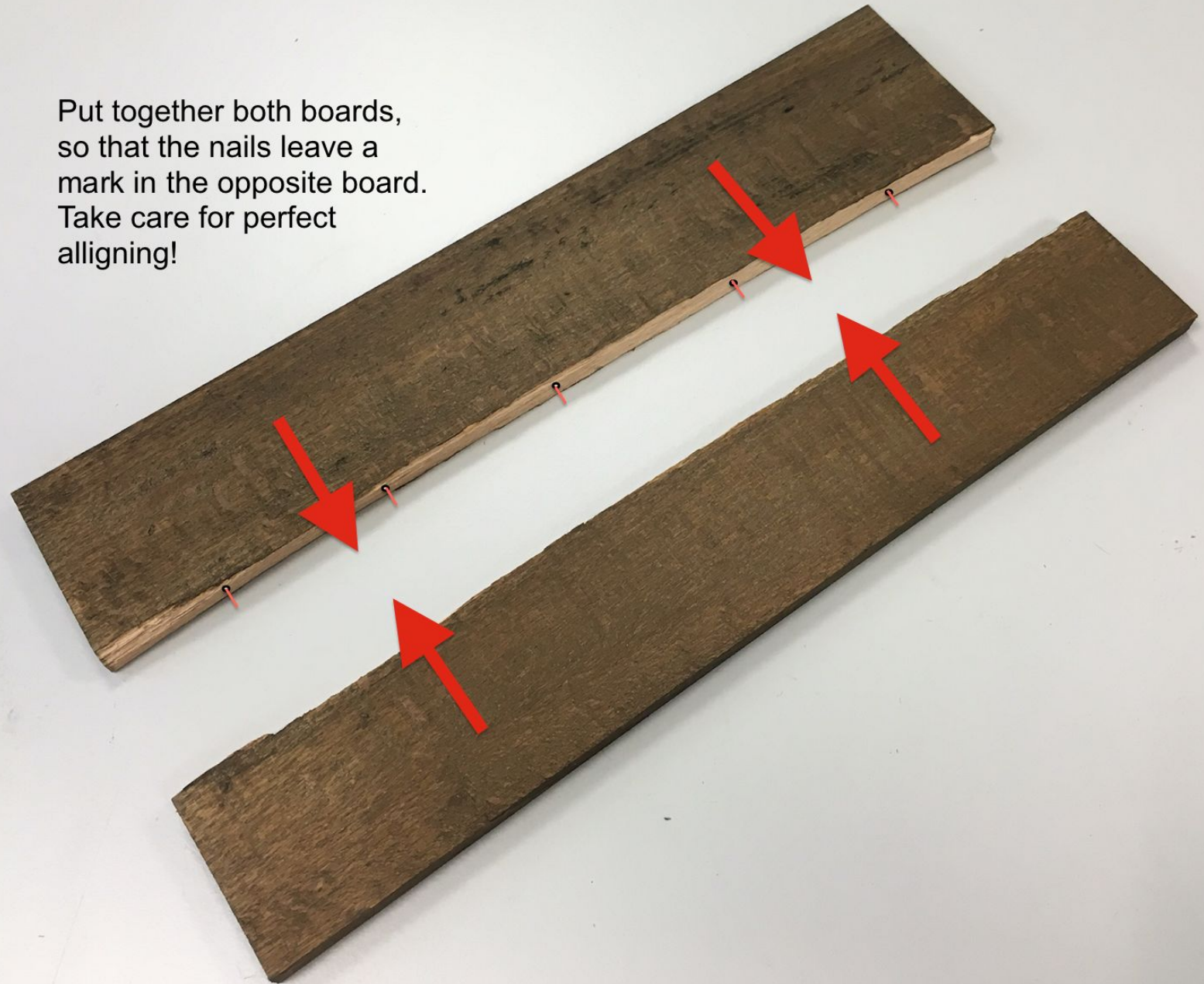
1) Marking the position  
with small nails

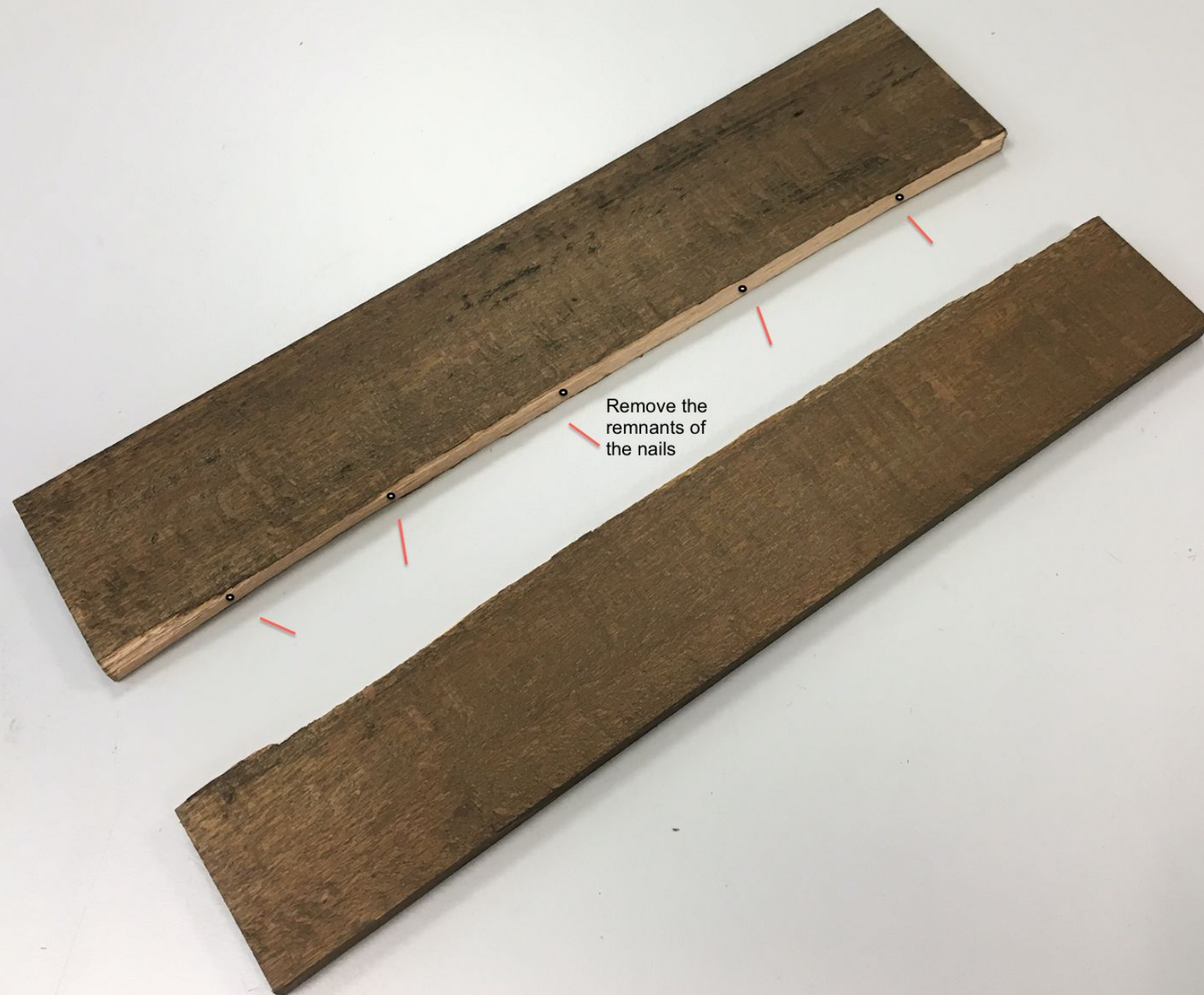






Put together both boards,  
so that the nails leave a  
mark in the opposite board.  
Take care for perfect  
aligning!

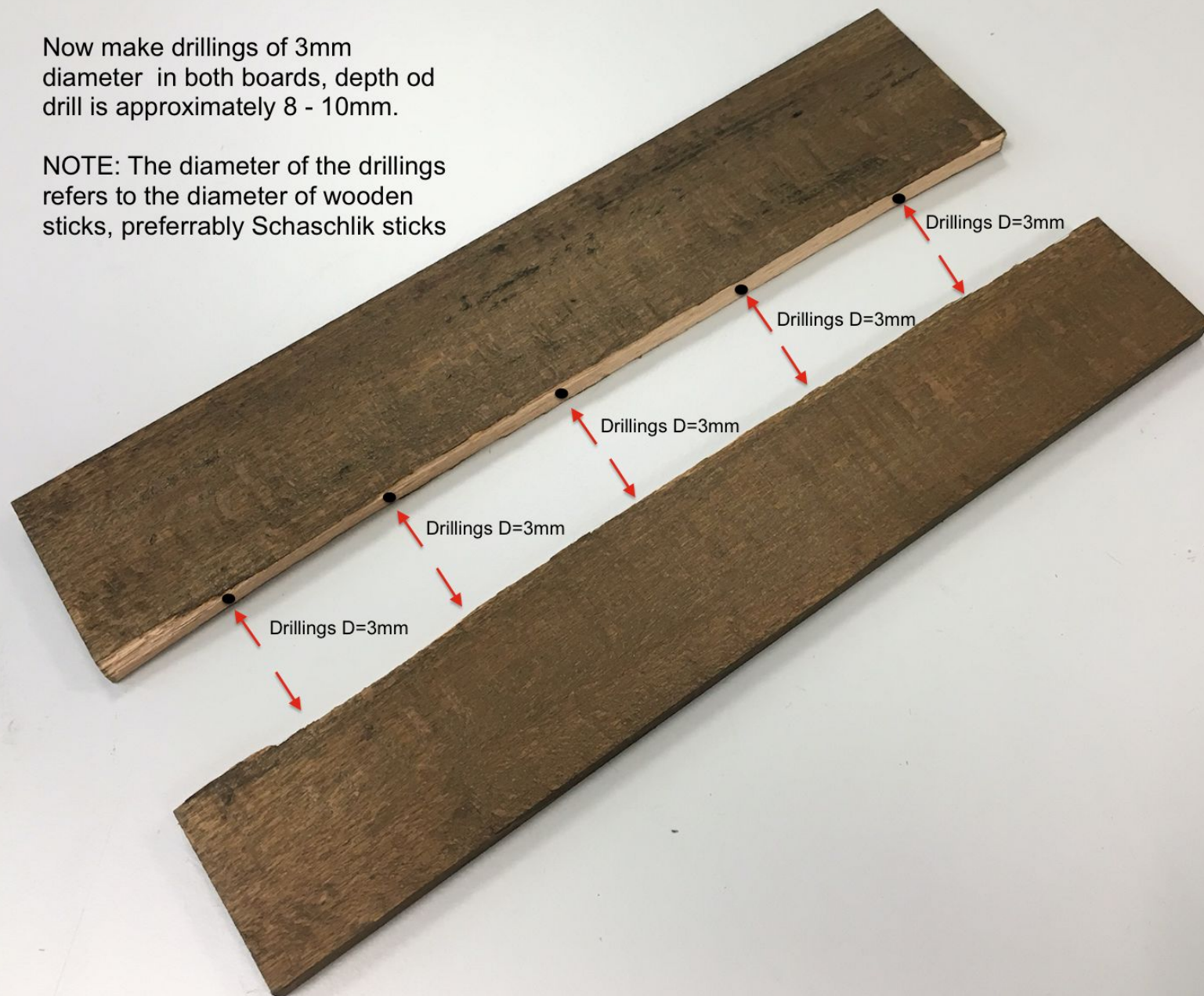




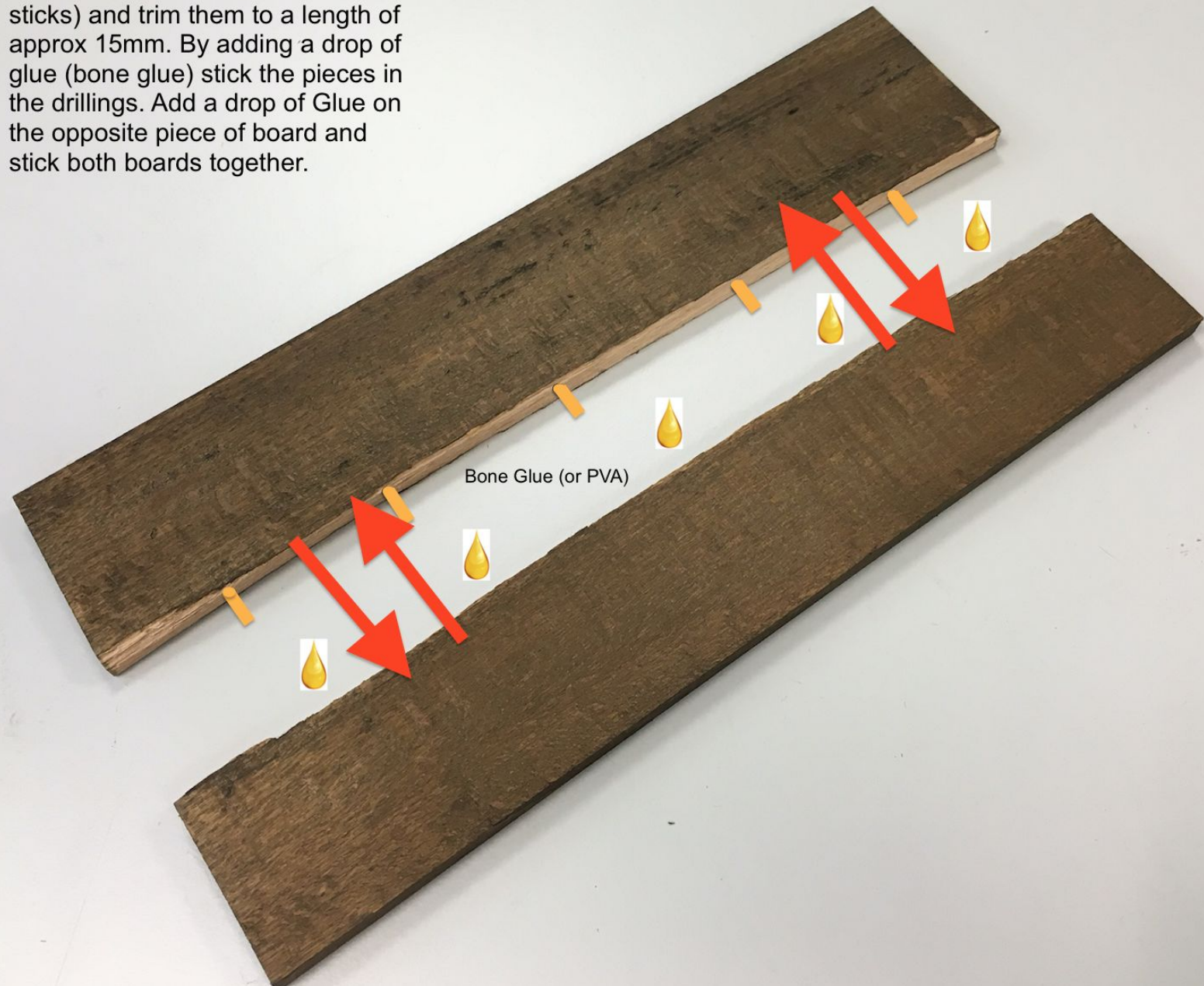


Now make drillings of 3mm diameter in both boards, depth of drill is approximately 8 - 10mm.

NOTE: The diameter of the drillings refers to the diameter of wooden sticks, preferably Schaschlik sticks



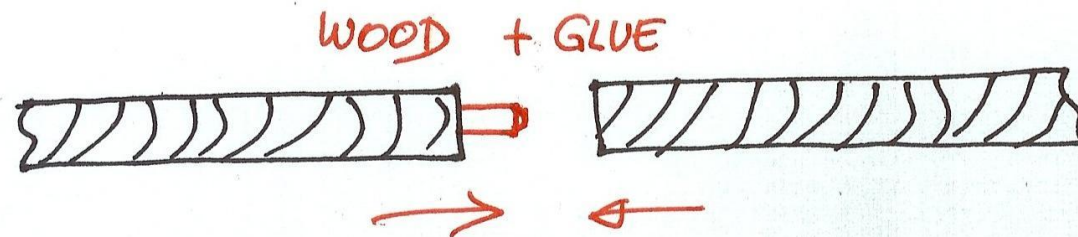
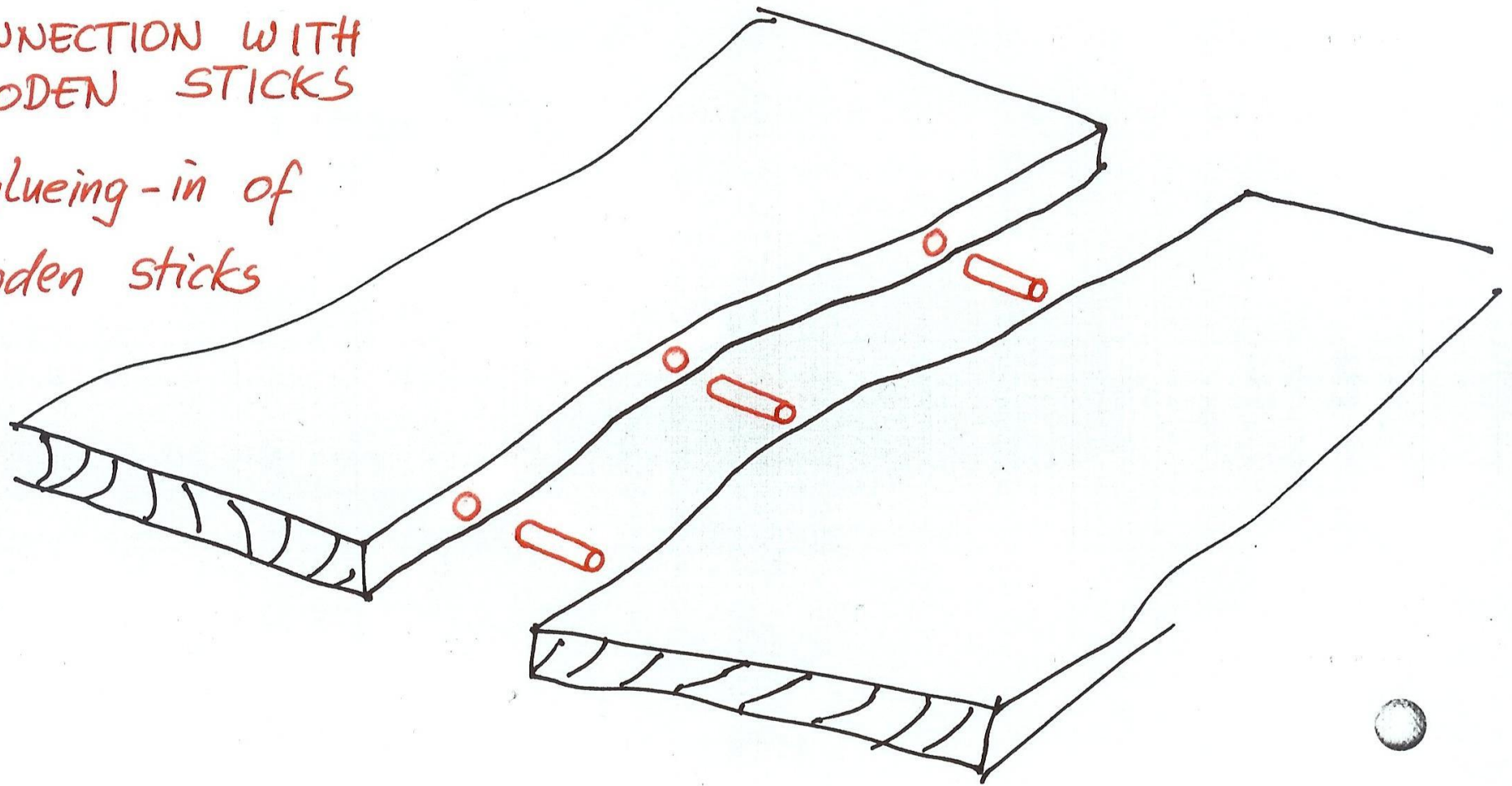
Cut wooden sticks (Schaschlik sticks) and trim them to a length of approx 15mm. By adding a drop of glue (bone glue) stick the pieces in the drillings. Add a drop of Glue on the opposite piece of board and stick both boards together.





# CONNECTION WITH WOODEN STICKS

2) glueing-in of  
wooden sticks





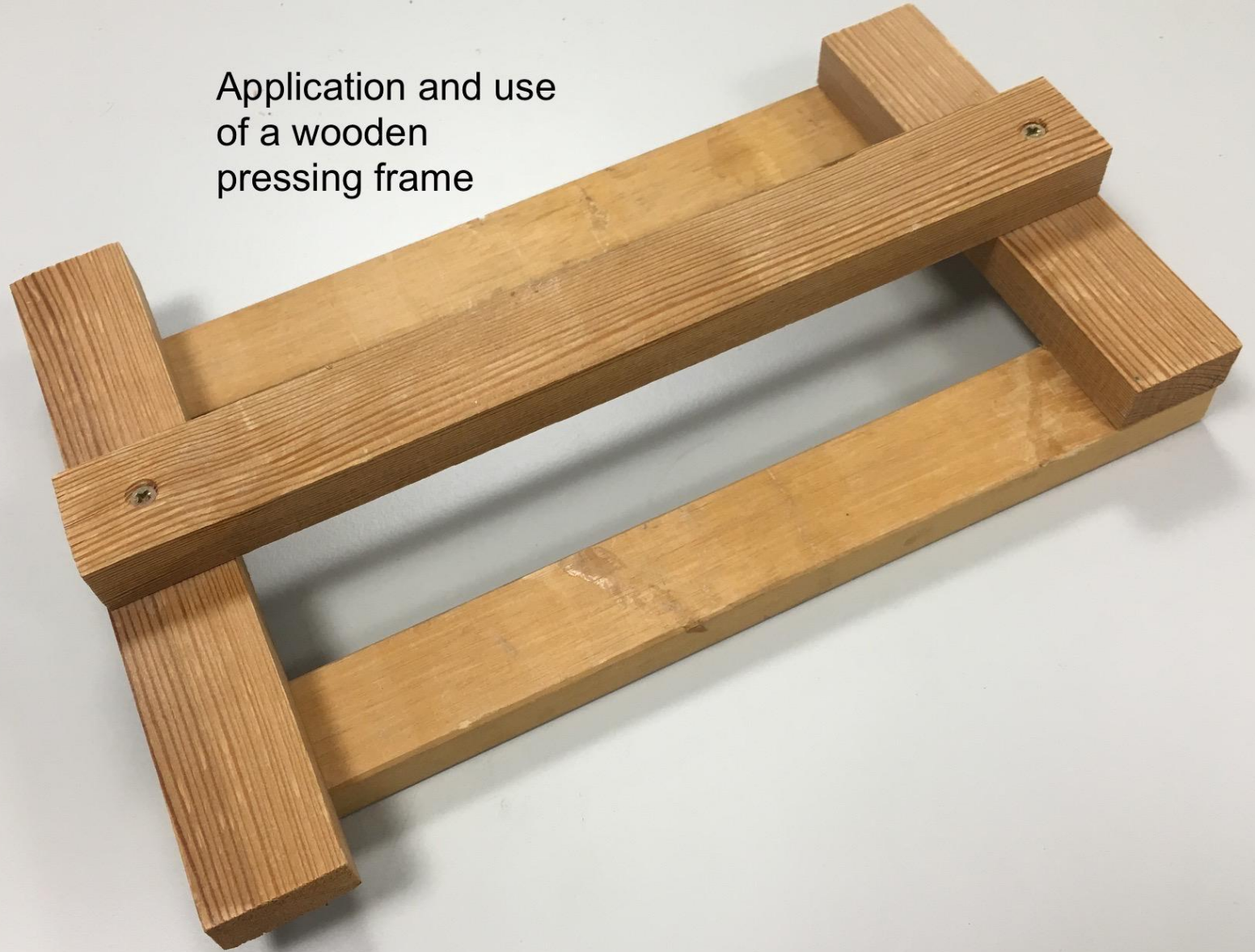


A special tool  
for pressing  
broken  
wooden  
boards,  
developed by  
my colleague  
Reinhard  
Erlacher



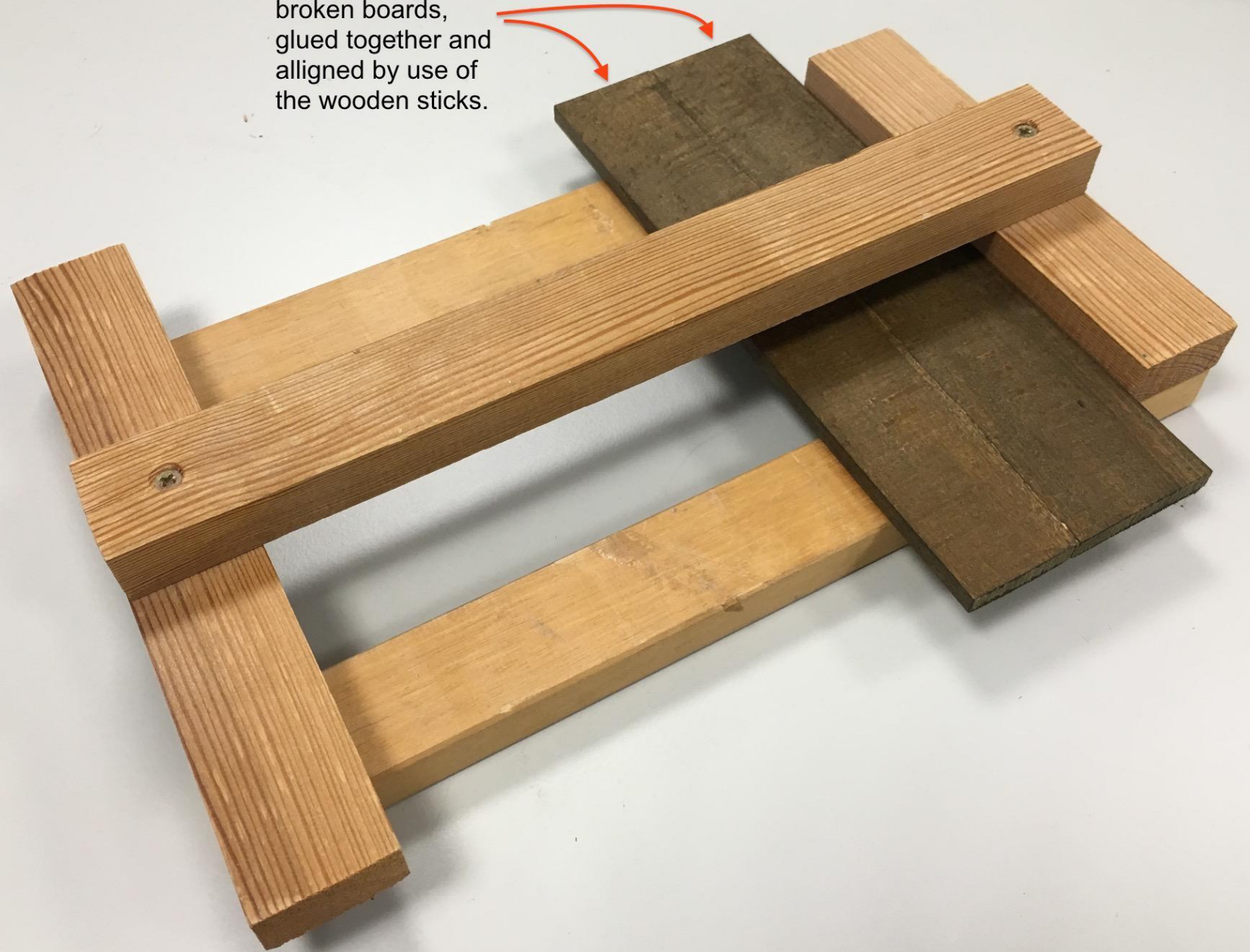



Application and use  
of a wooden  
pressing frame





broken boards,  
glued together and  
aligned by use of  
the wooden sticks.



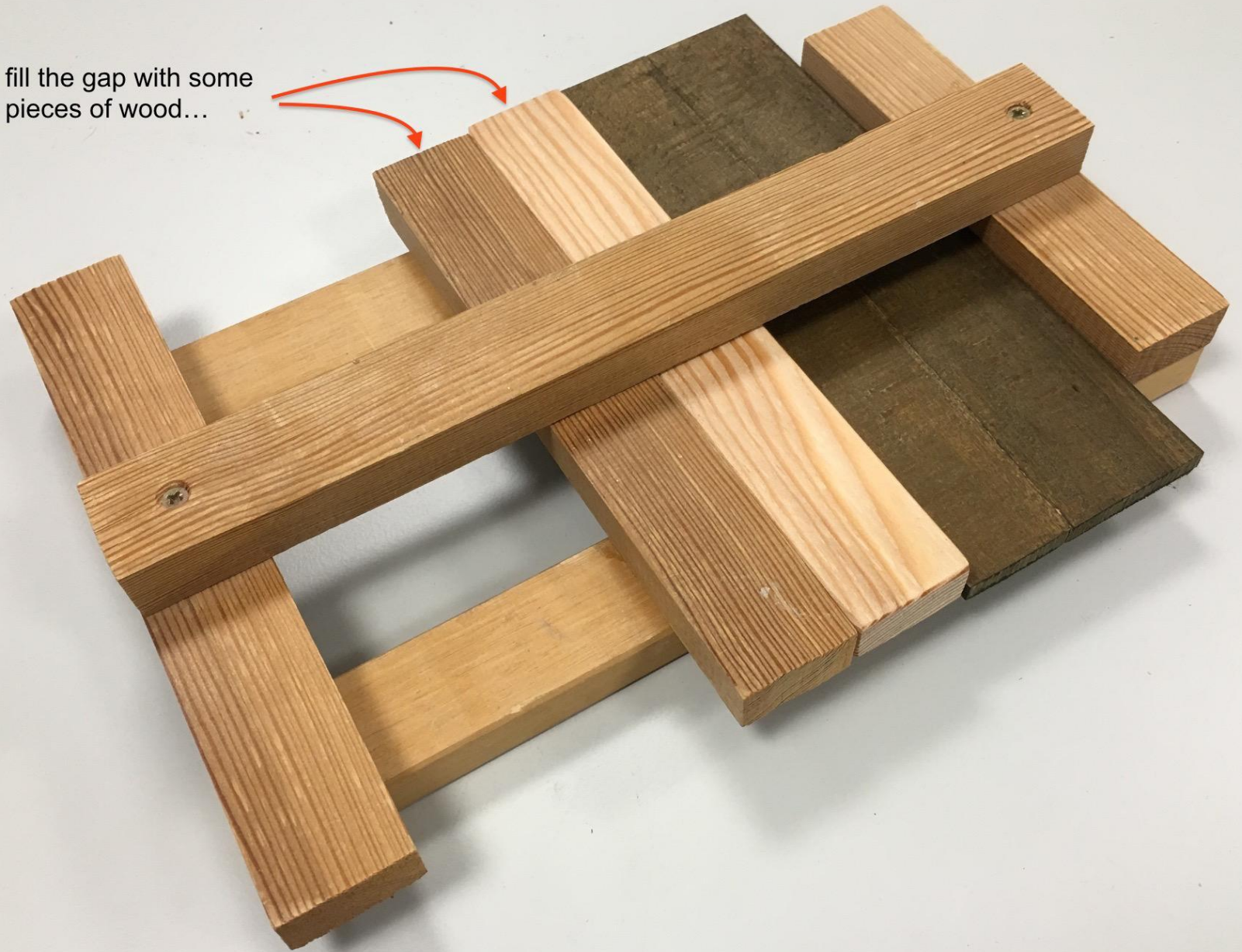


Some pieces of wood,  
40x20mm, L= 24cm

several wooden wedges of  
different sizes

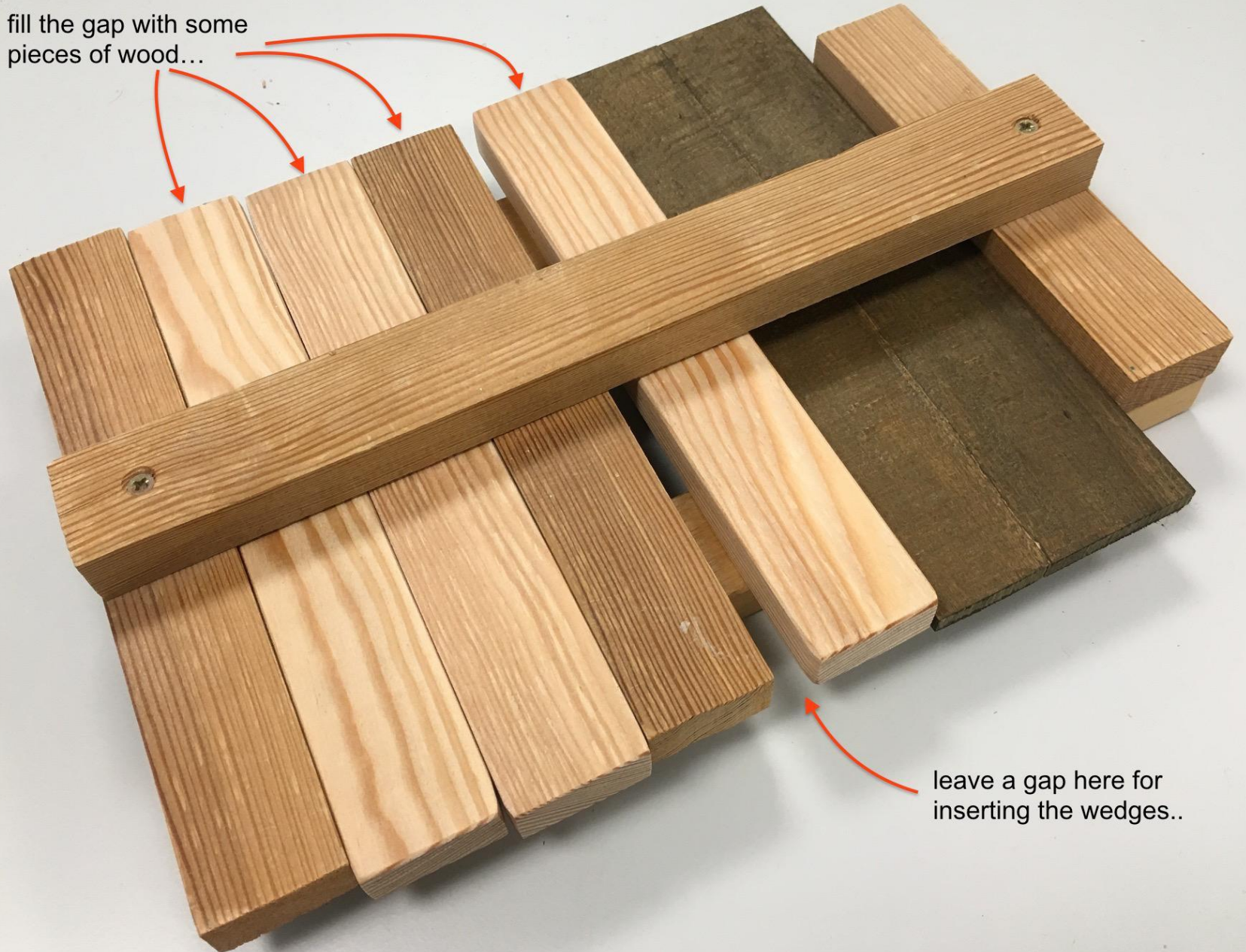


fill the gap with some  
pieces of wood...





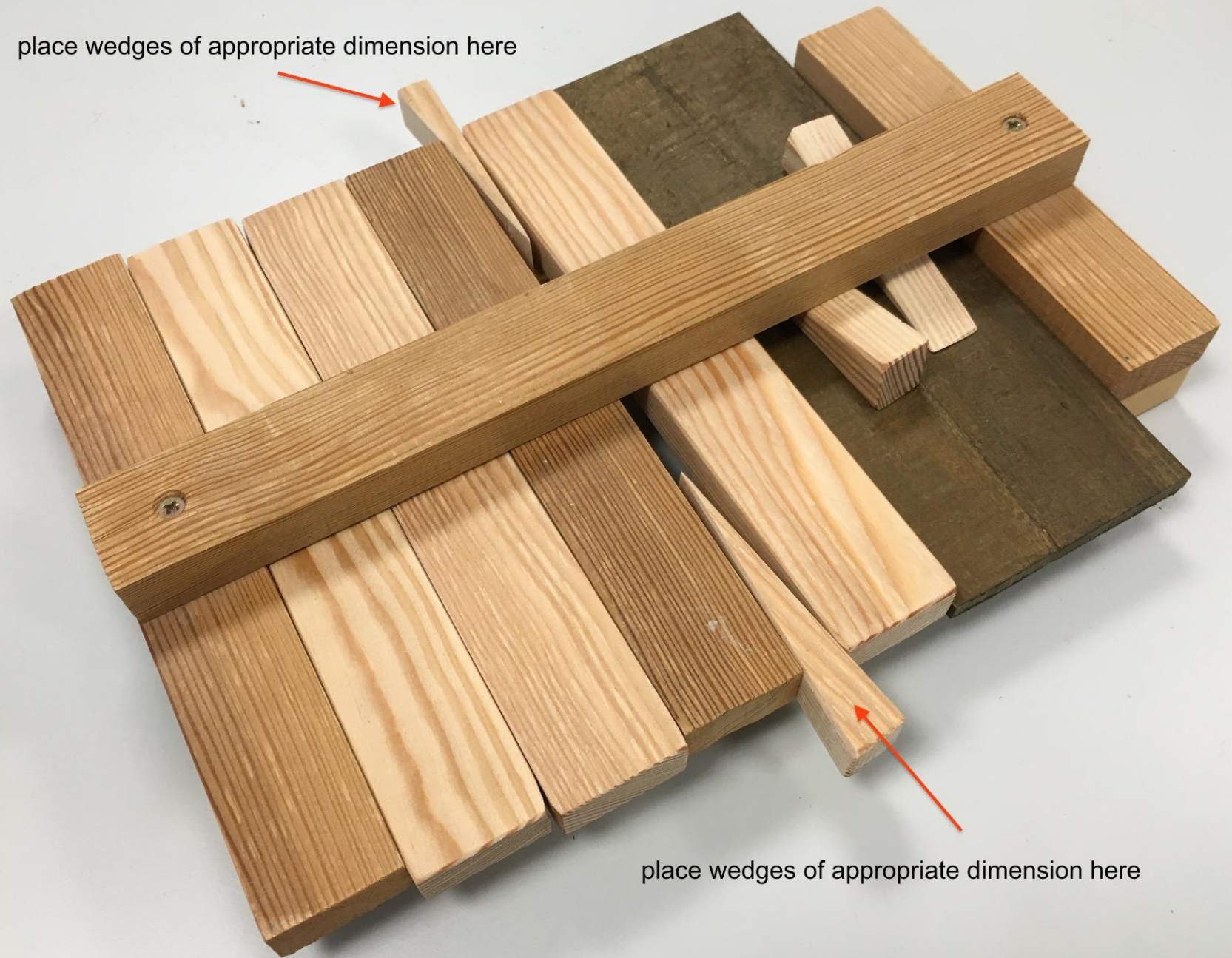
fill the gap with some  
pieces of wood...



leave a gap here for  
inserting the wedges..



place wedges of appropriate dimension here



place wedges of appropriate dimension here





place wedges here  
to hold the boards  
flat while pressing



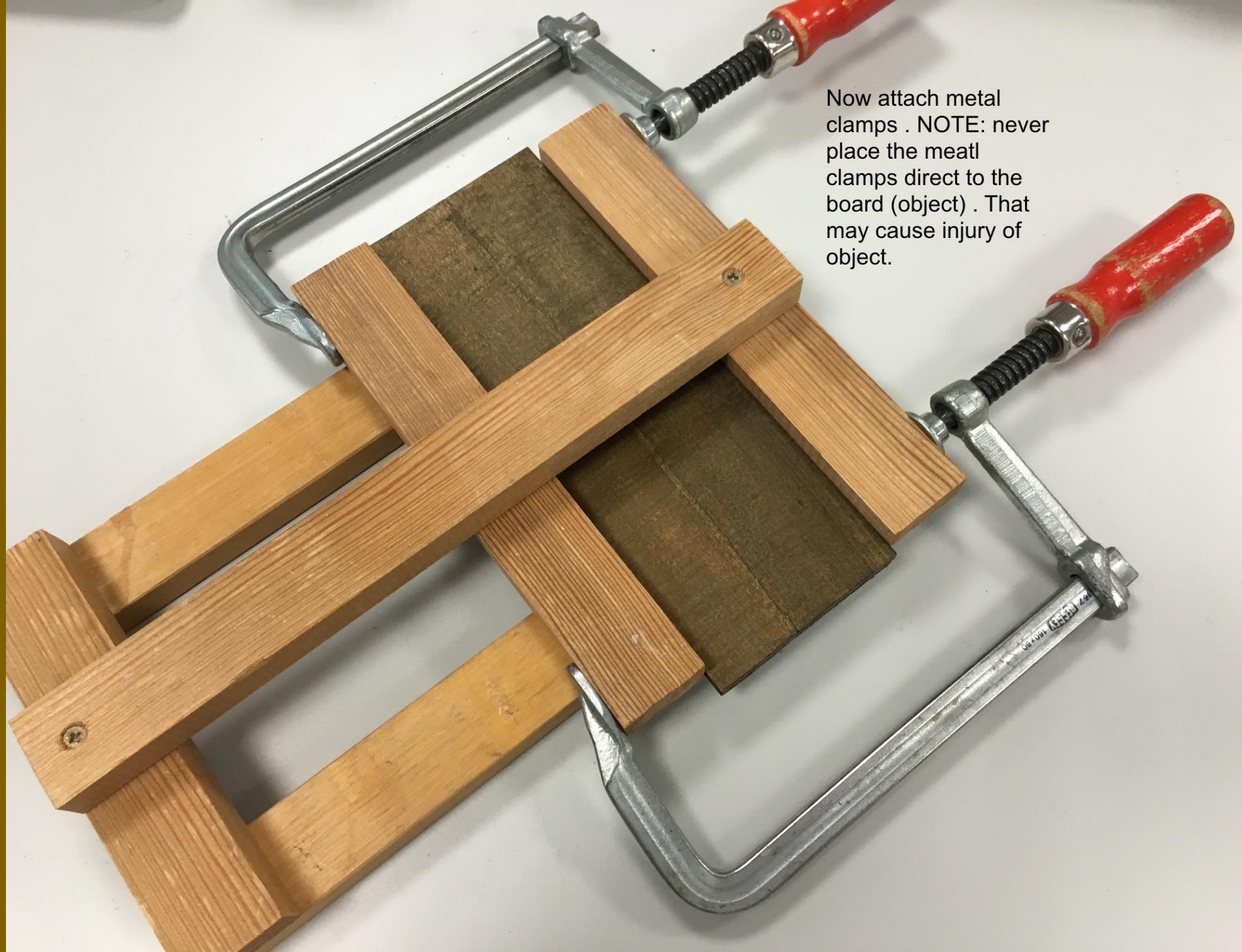
But: if clamps are available, they can be used as well



place broken boards  
as shown between the  
wooden clamp and a  
piece of wood.








Now attach metal clamps . NOTE: never place the metal clamps direct to the board (object) . That may cause injury of object.

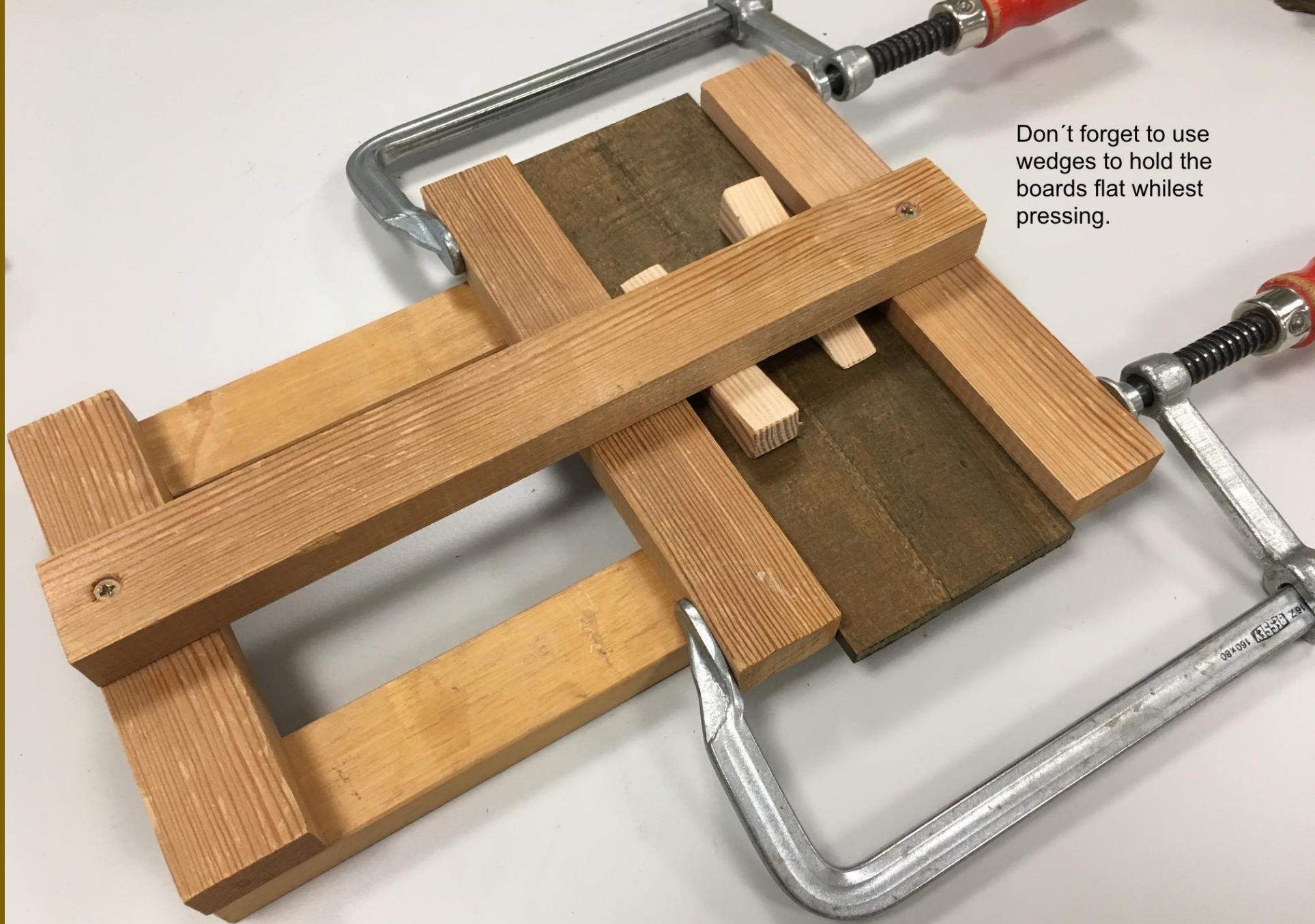


A wooden frame assembly is shown on a white surface. It consists of several light-colored wooden planks arranged in a rectangular frame. Two dark brown, rectangular wooden boards are placed horizontally across the frame. Two metal C-clamps are used to hold the assembly together. One clamp is at the top, and the other is at the bottom. Small wooden wedges are placed between the horizontal boards and the vertical frame members to ensure they are flat. The text "Don't forget to use wedges to hold the boards flat whilst pressing." is written in the upper right corner.

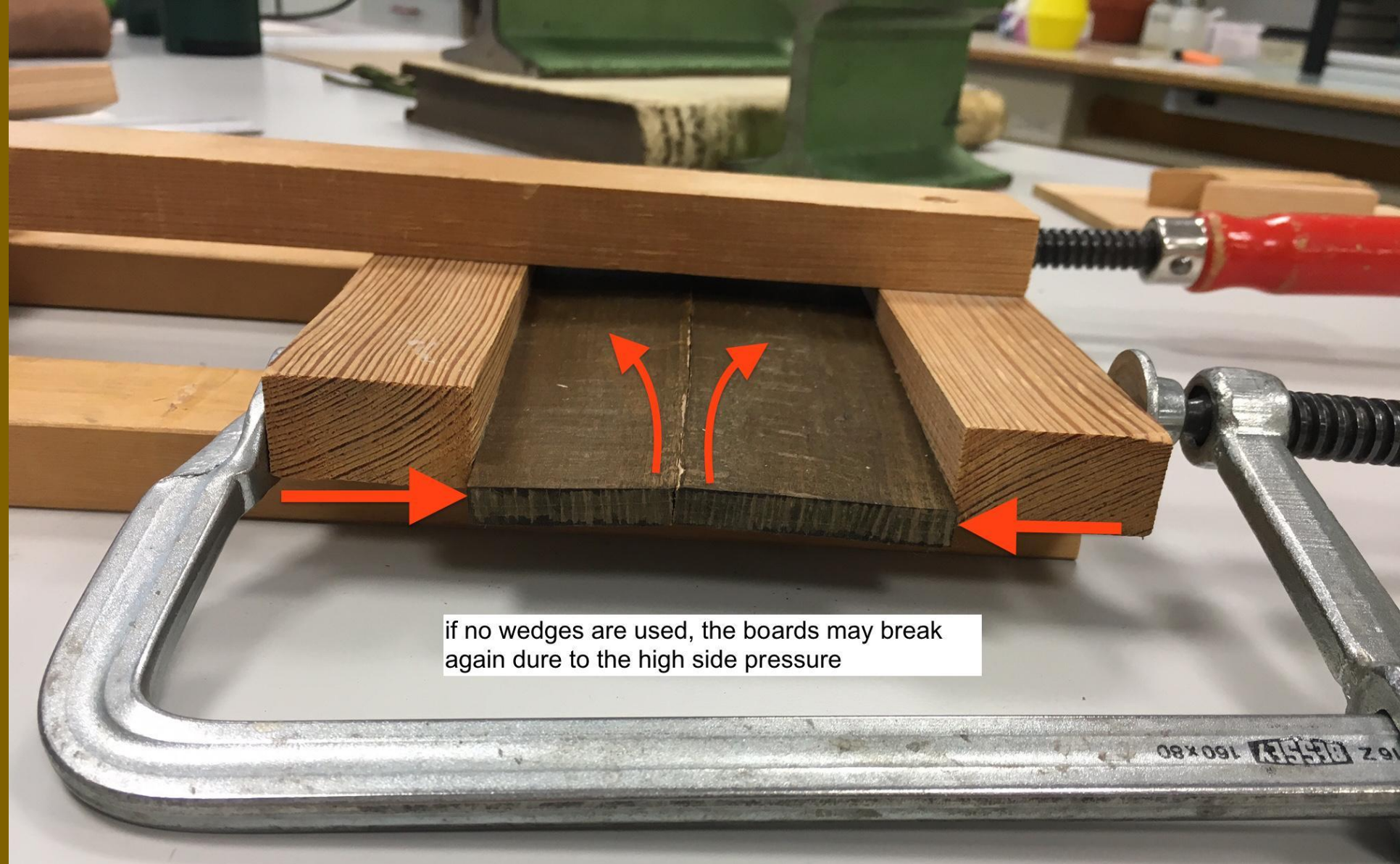
Don't forget to use  
wedges to hold the  
boards flat whilst  
pressing.



Don't forget to use  
wedges to hold the  
boards flat whilst  
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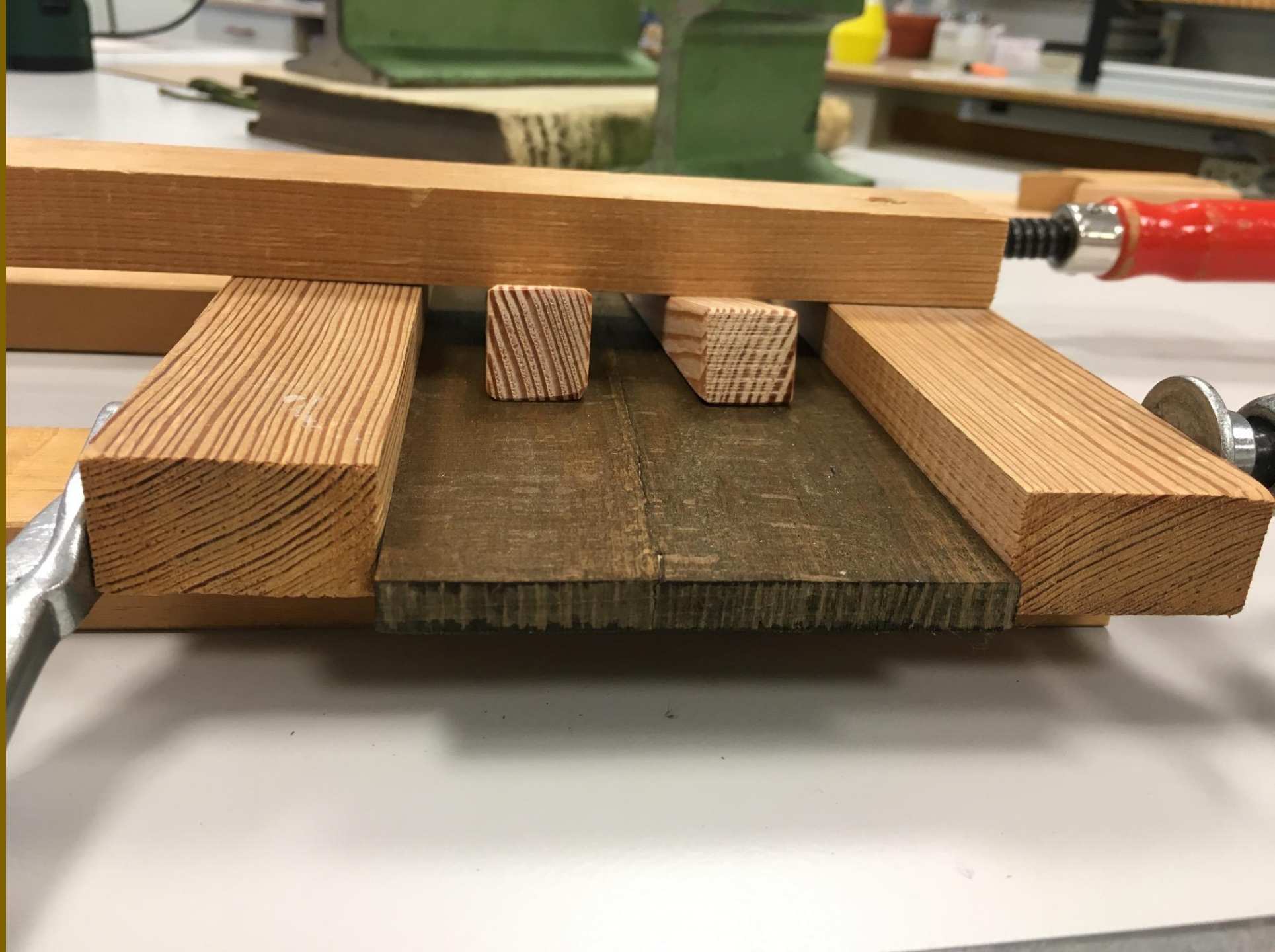


if no wedges are used, the boards may break again due to the high side pressure











For additional strengthening a wooden dovetail can be made and glued into a groove on the boards



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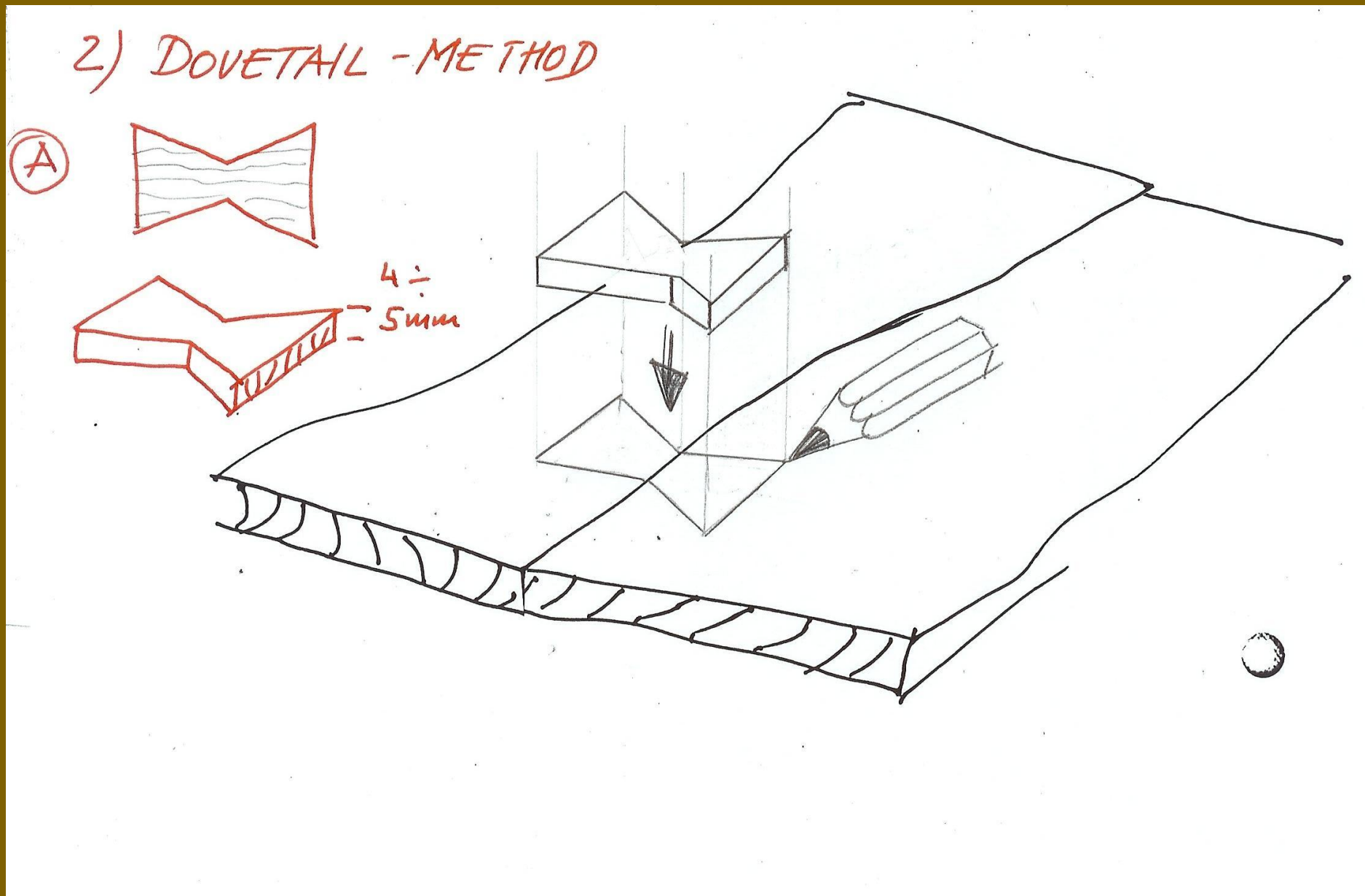
For additional strengthening a wooden dovetail can be made and glued into a groove on the boards.

The dovetail is an enormous improvement of the construction.





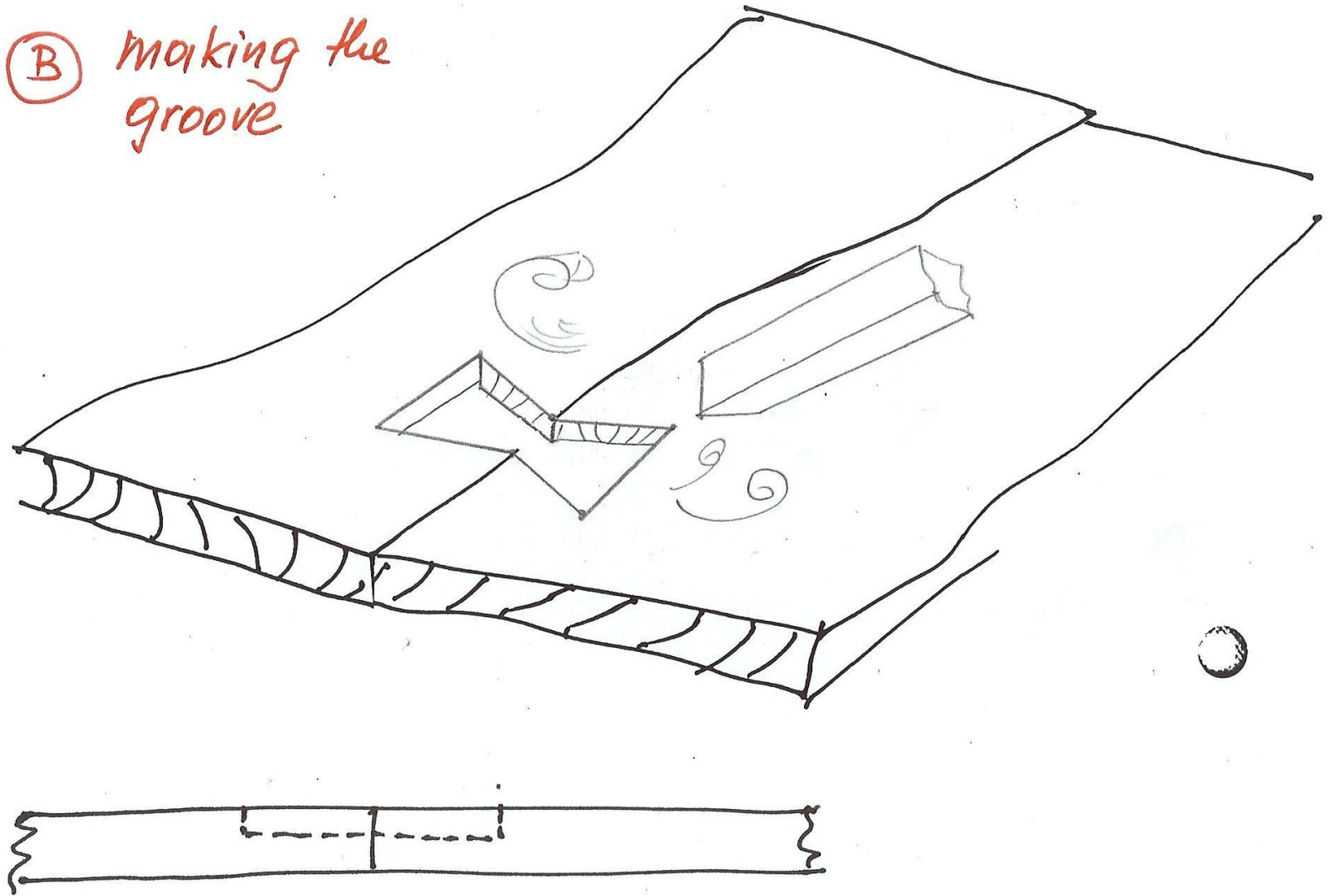
First make a dovetail of wood, ca 4-5mm thick.  
Then place it on the board and make a line around the piece



Now make the groove, by use of a sharp crowbar (лом)

## 2) DOVETAIL - Method

(B) making the groove

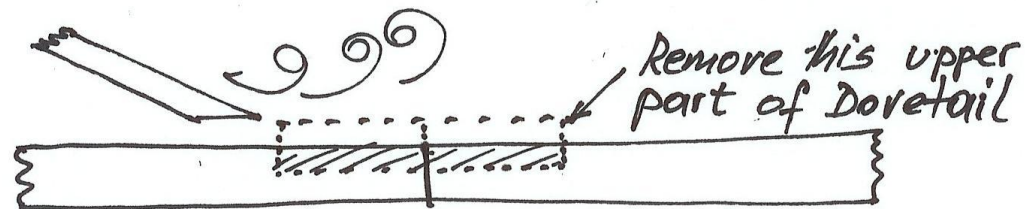
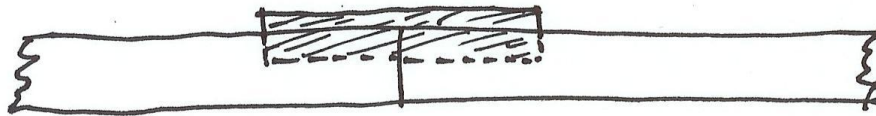
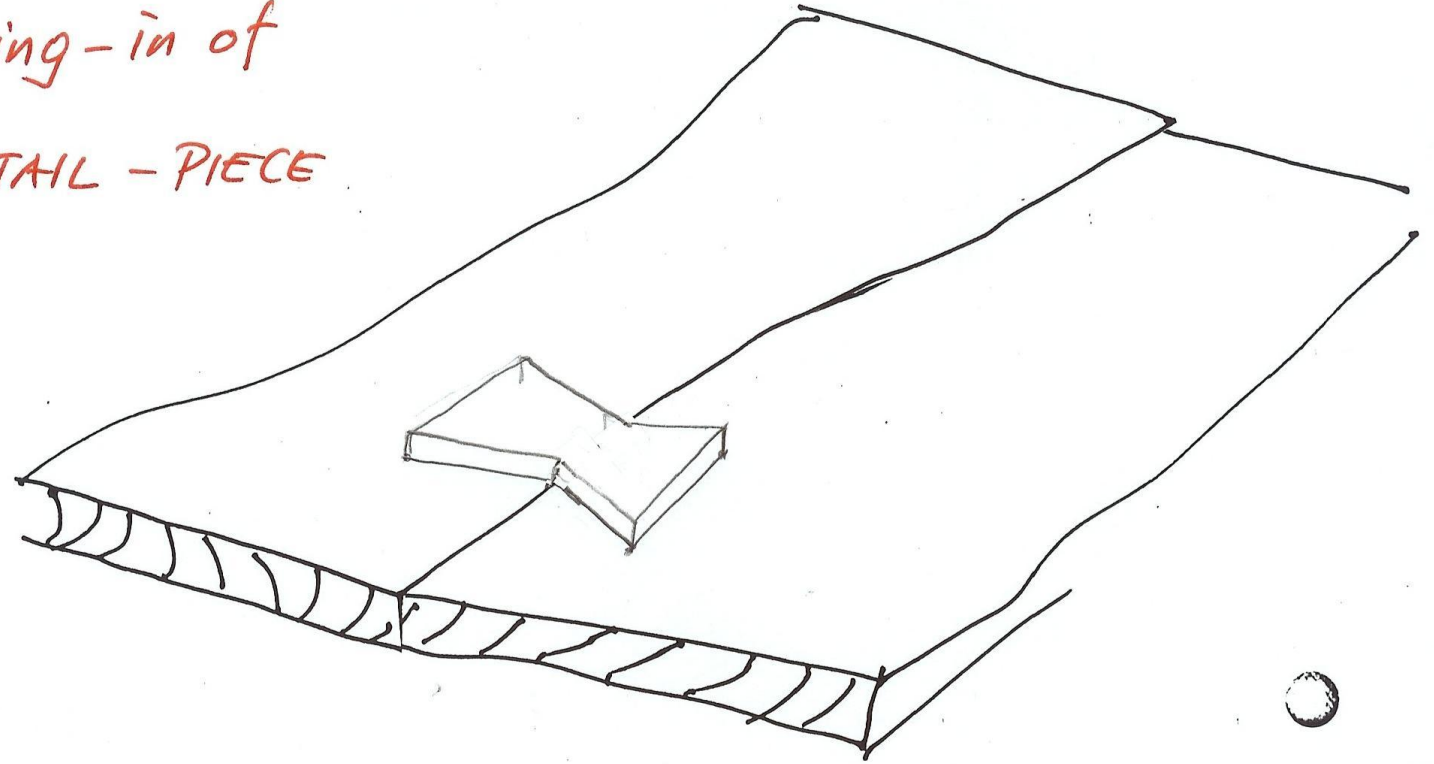




Glue the groove, then place in the dovetail-piece.  
After drying remove protrude part of the dovetail.

## 2) DOVETAIL-METHOD

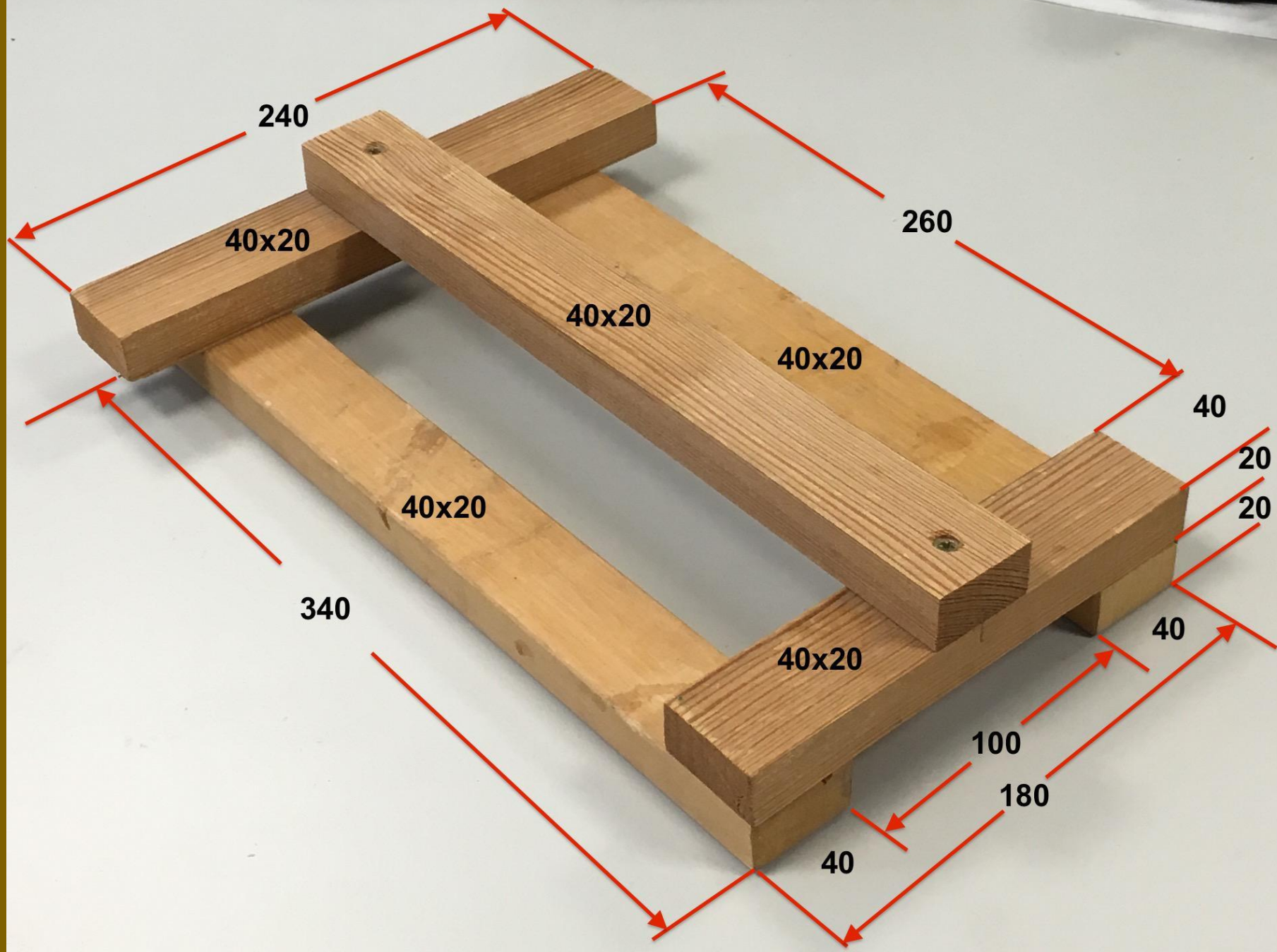
③ glueing-in of  
DOVETAIL - PIECE



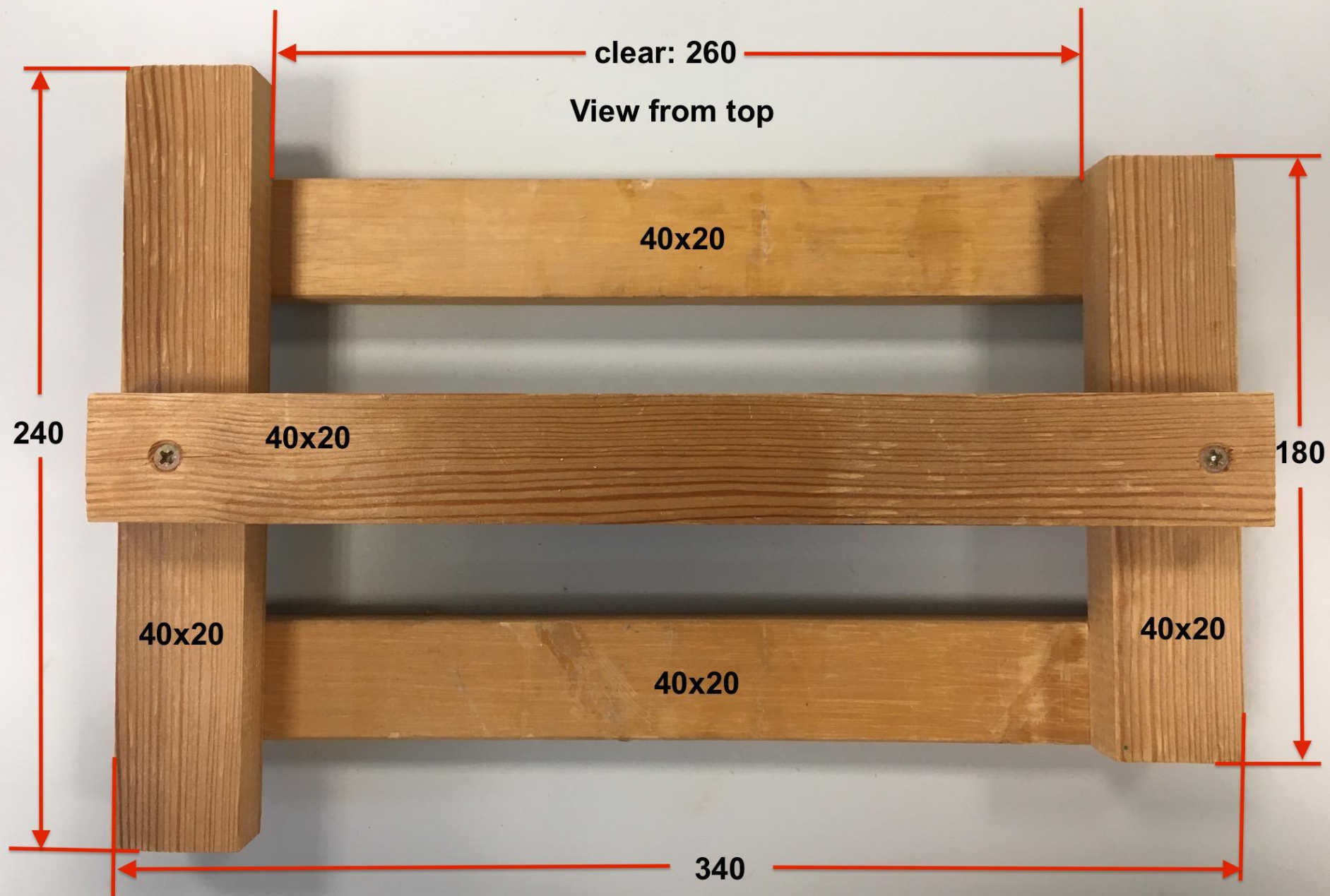












View from bottom





Thank you