

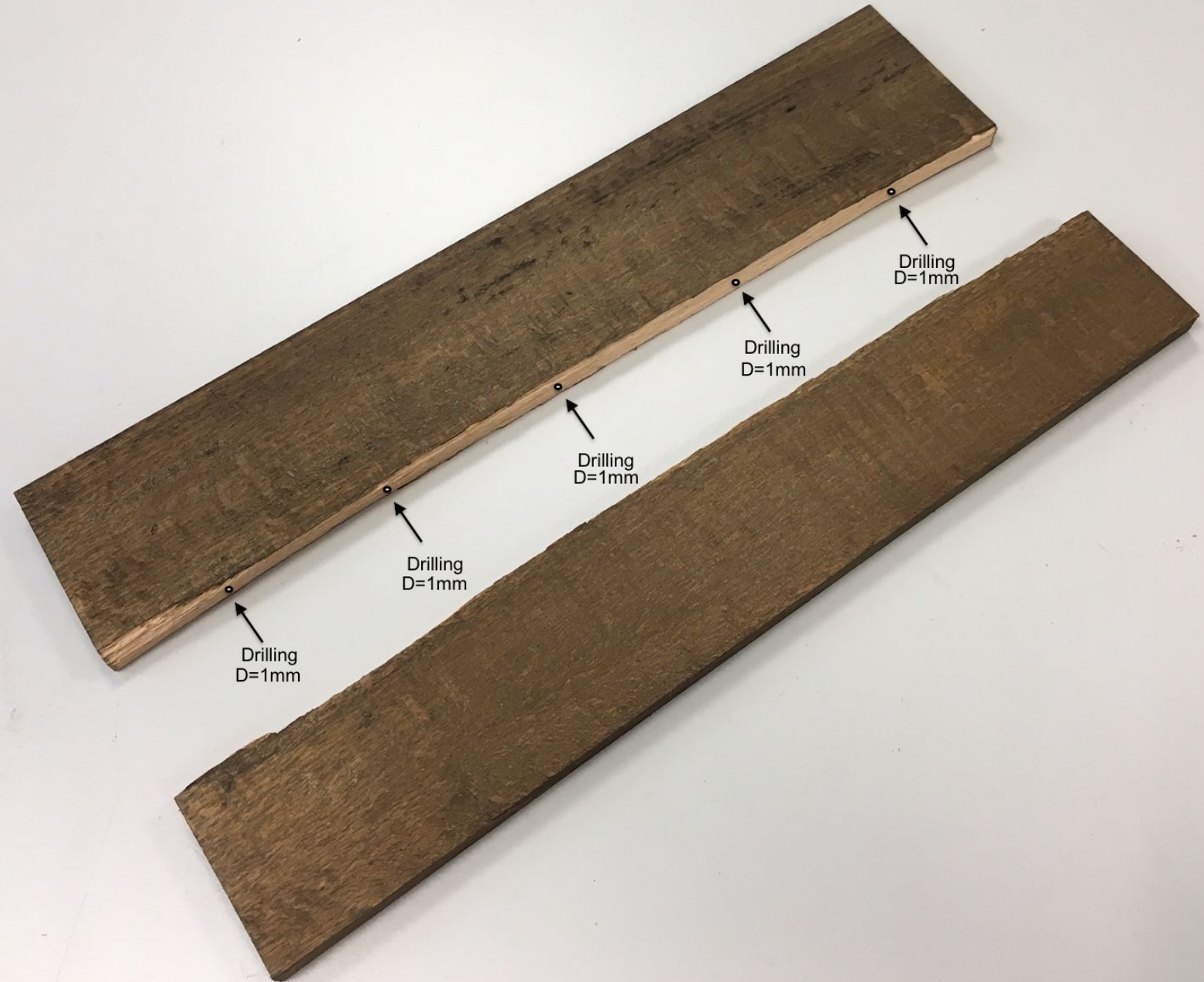
Application and use of a wooden frame as press  
for broken wooden boards.

Part 1) How the frame is used

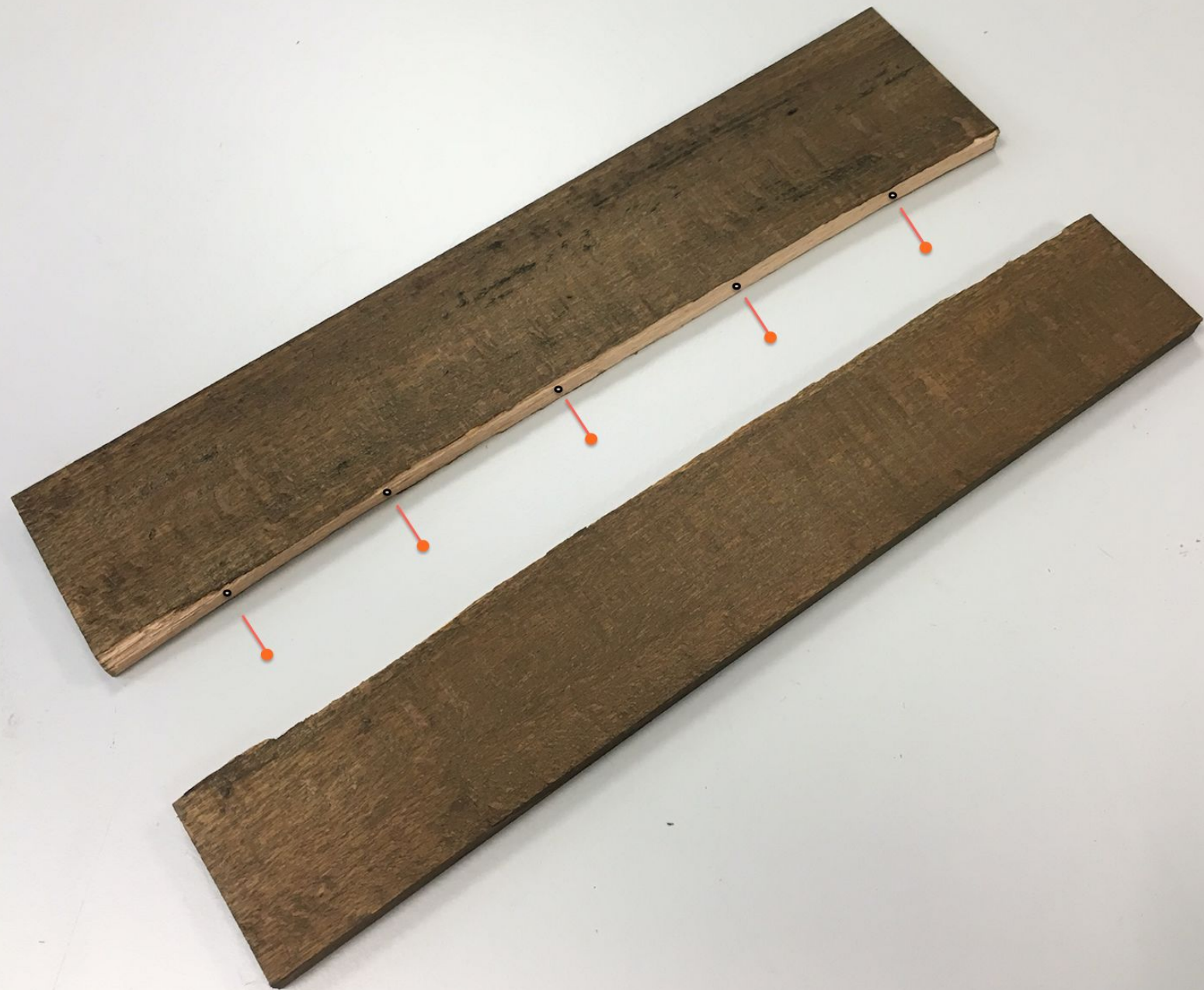
Part 2) Construction, drawing and dimensions  
of the frame

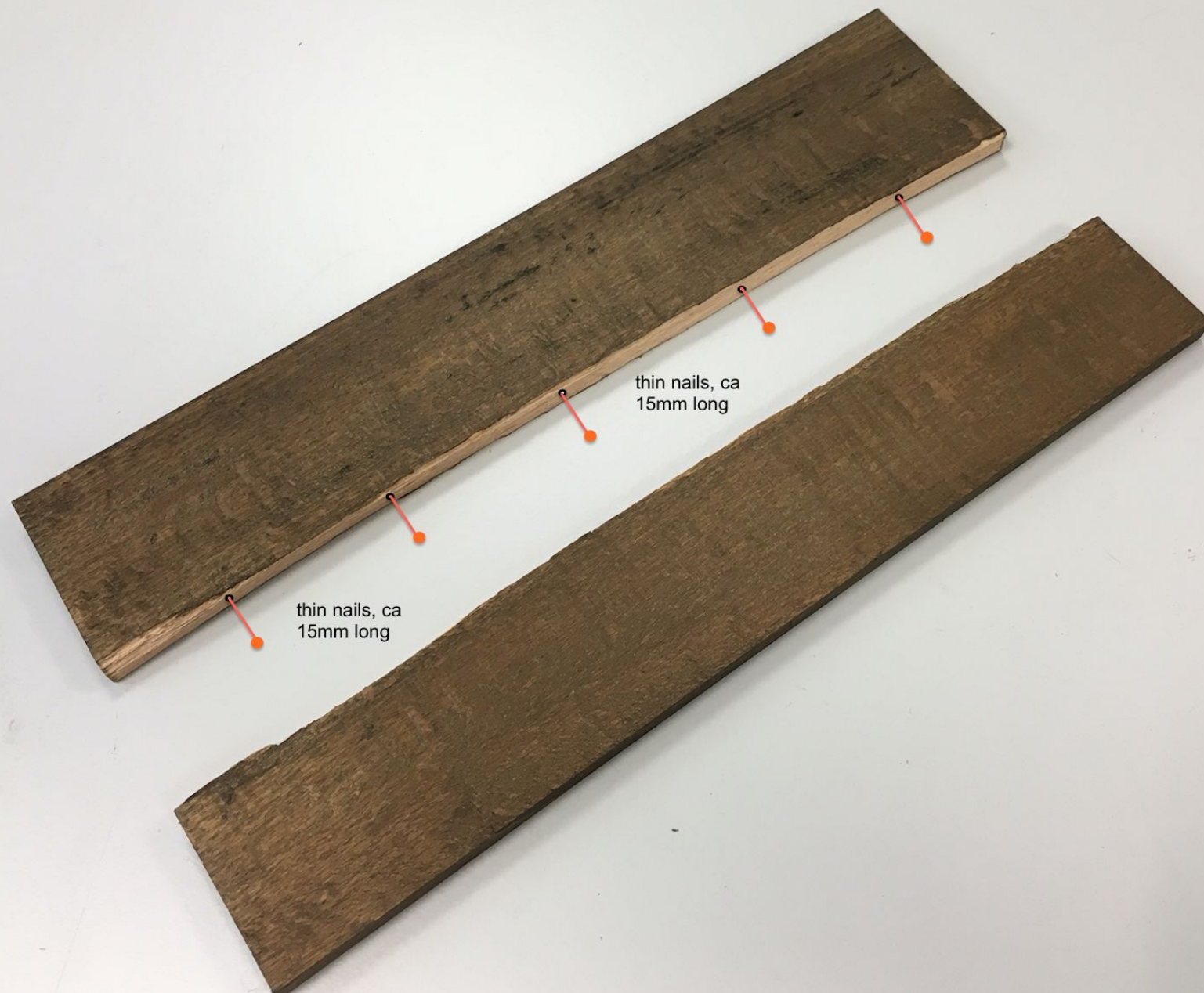
The problem:

Broken  
wooden boards  
need to be  
securely  
attached.



1

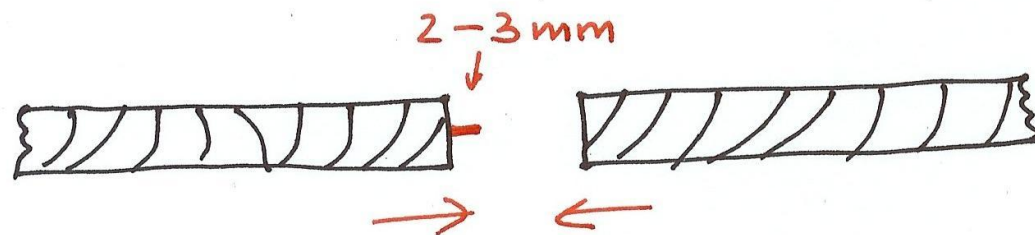
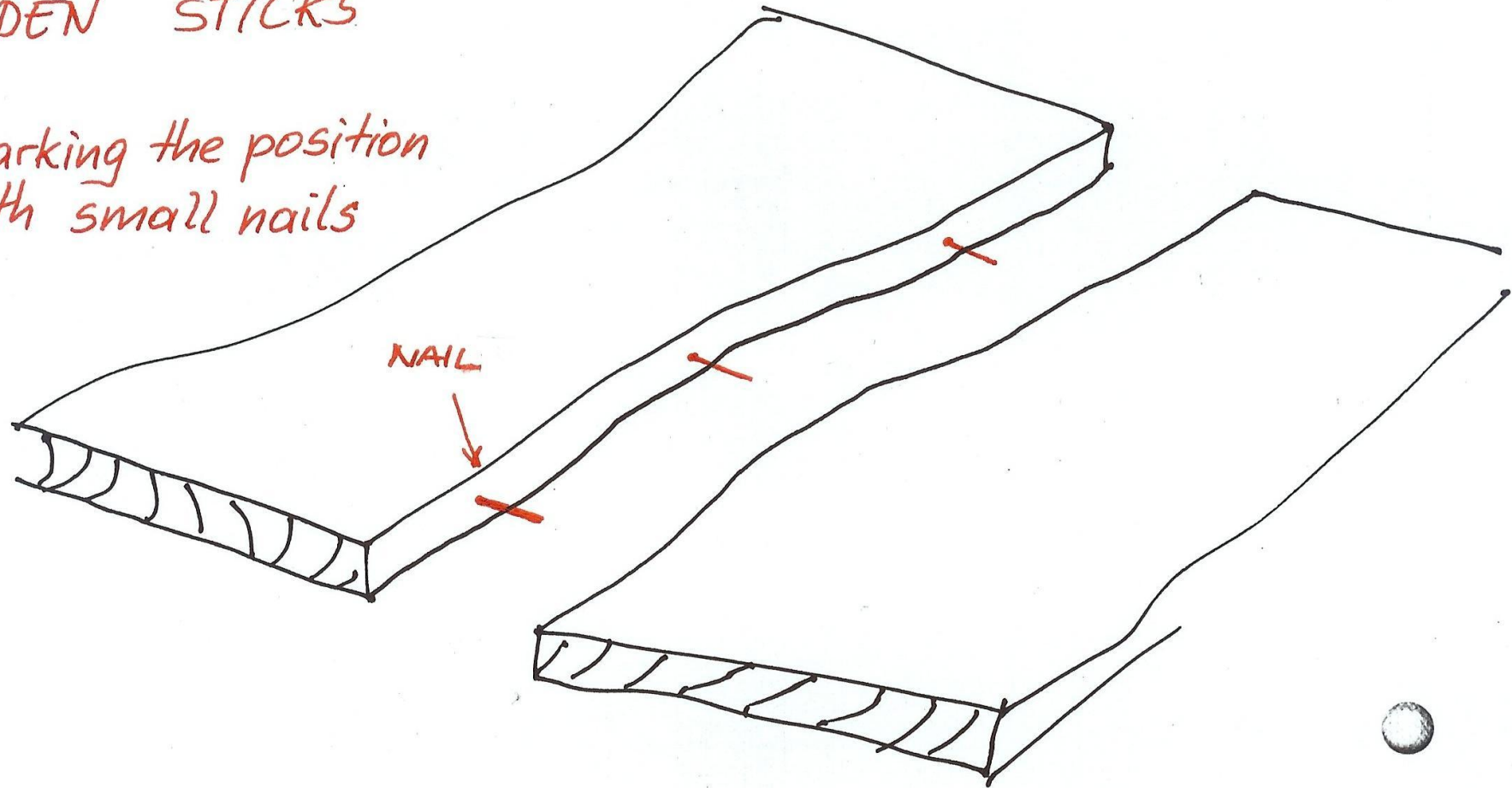


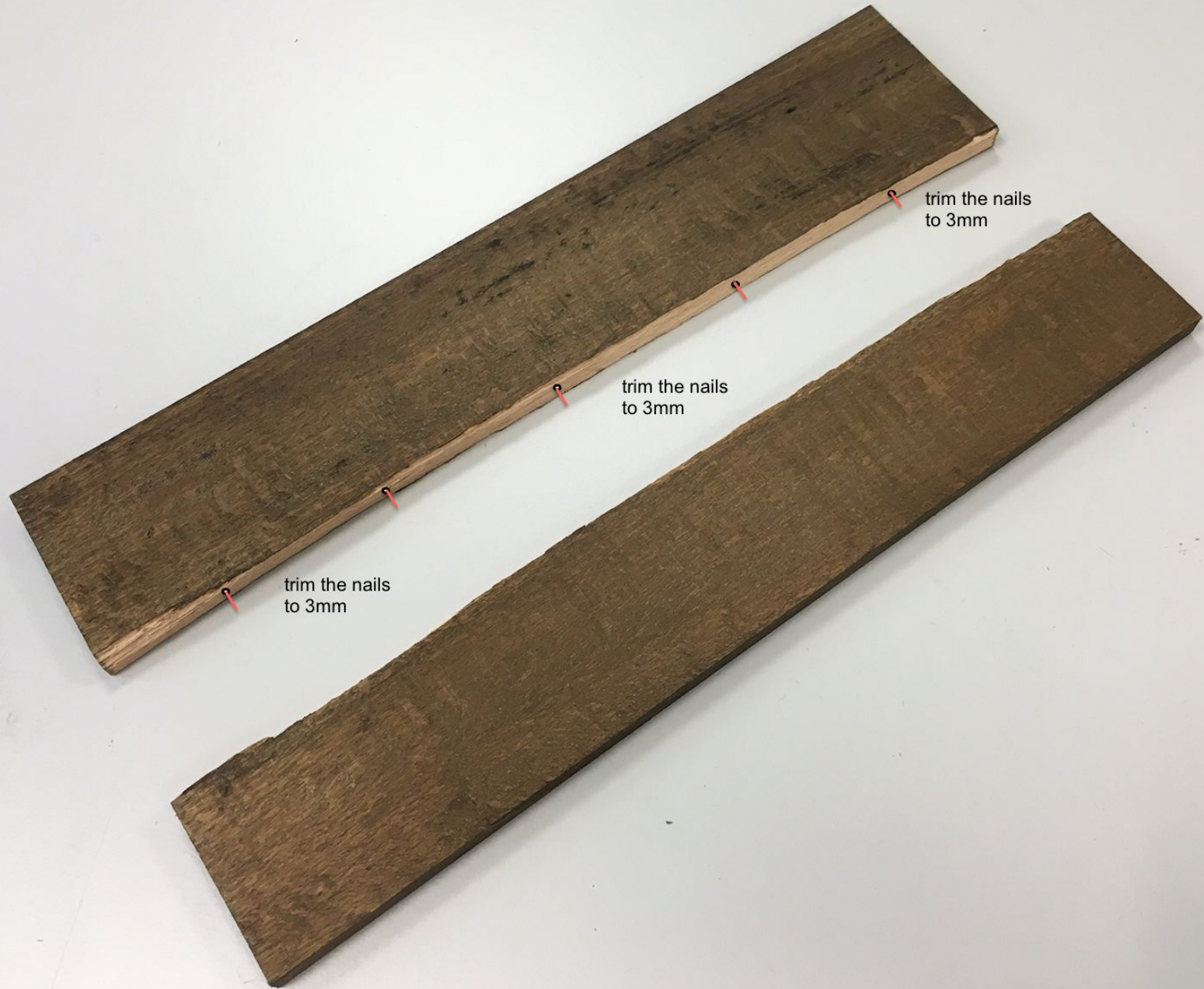


2

## CONNECTION WITH WOODEN STICKS

1) Marking the position  
with small nails





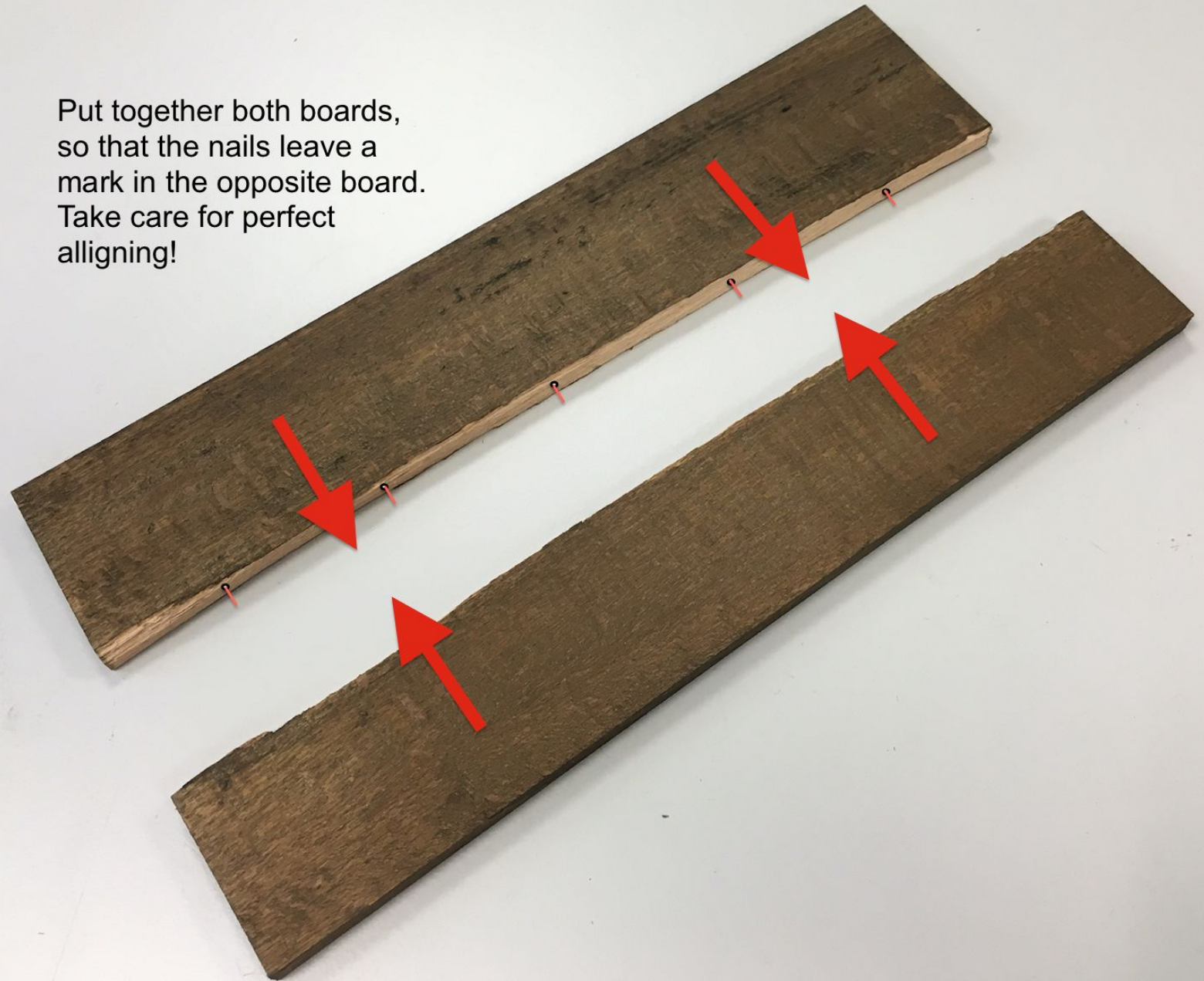
trim the nails to 3mm

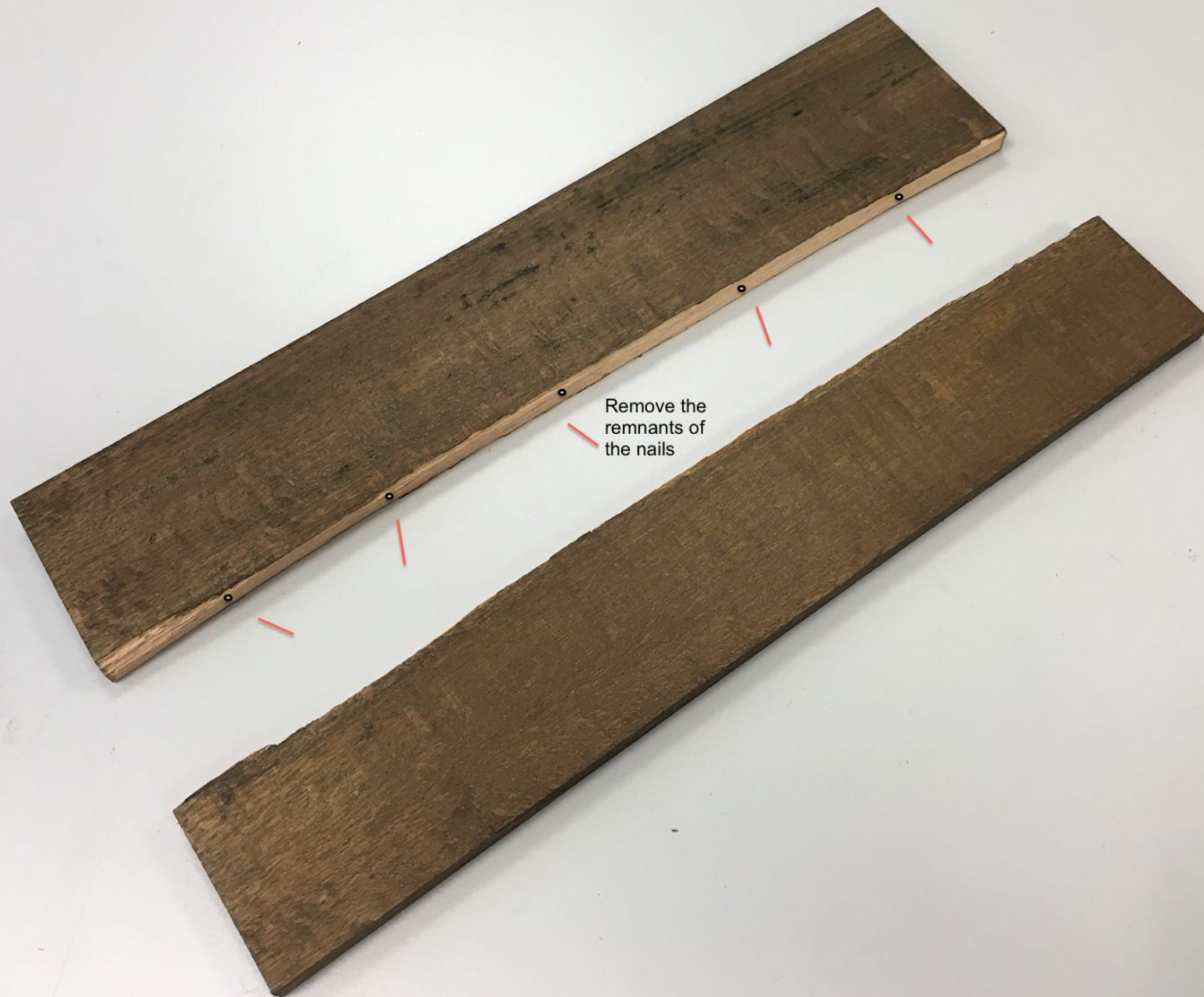
trim the nails to 3mm

trim the nails to 3mm

4

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



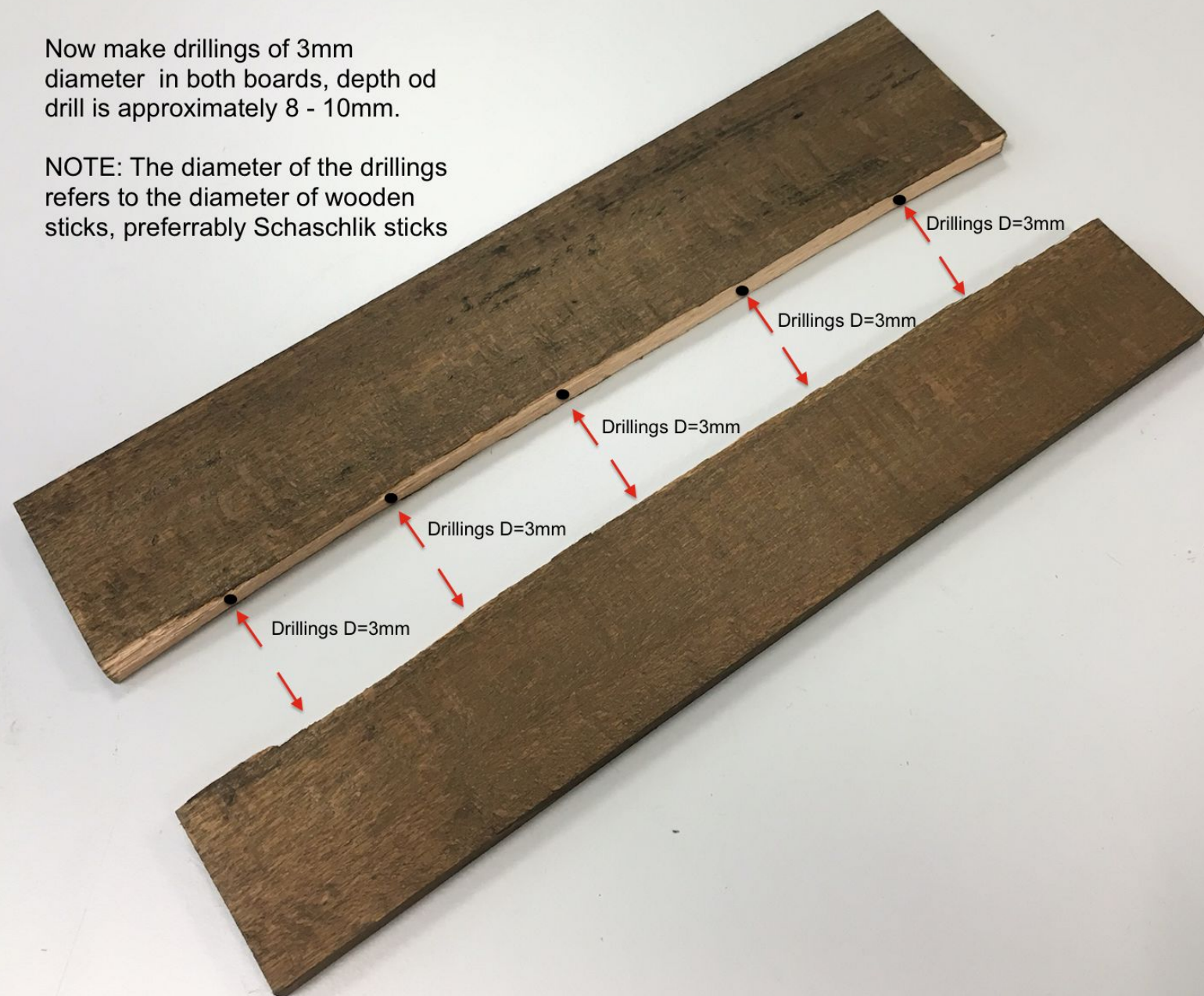


Remove the remnants of the nails

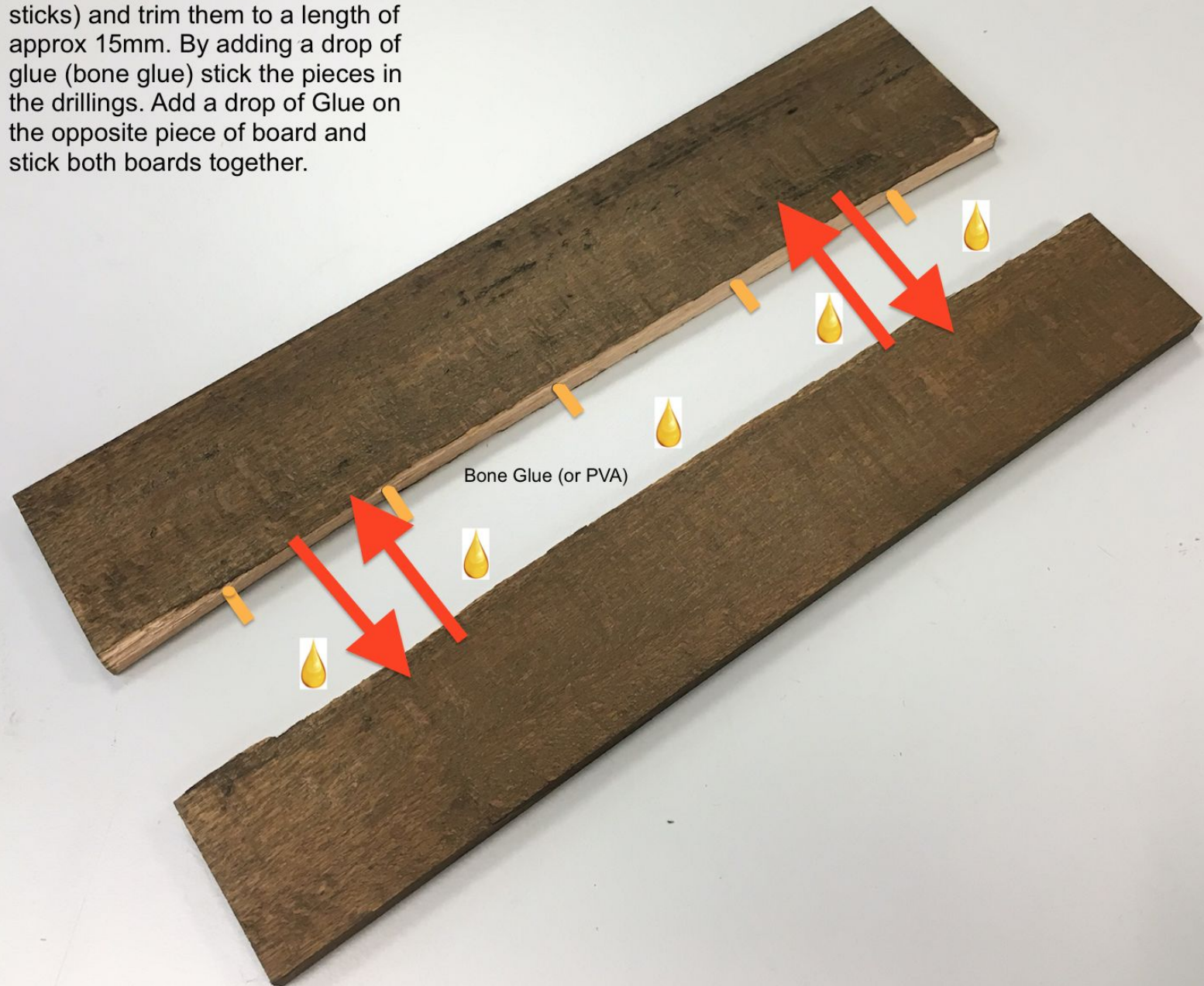


Now make drillings of 3mm diameter in both boards, depth of drill is approximately 8 - 10mm.

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

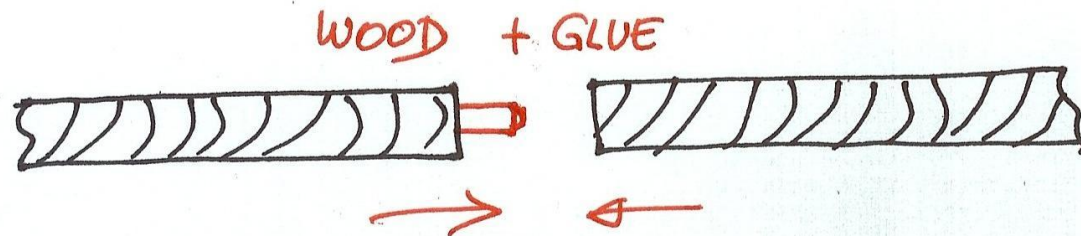
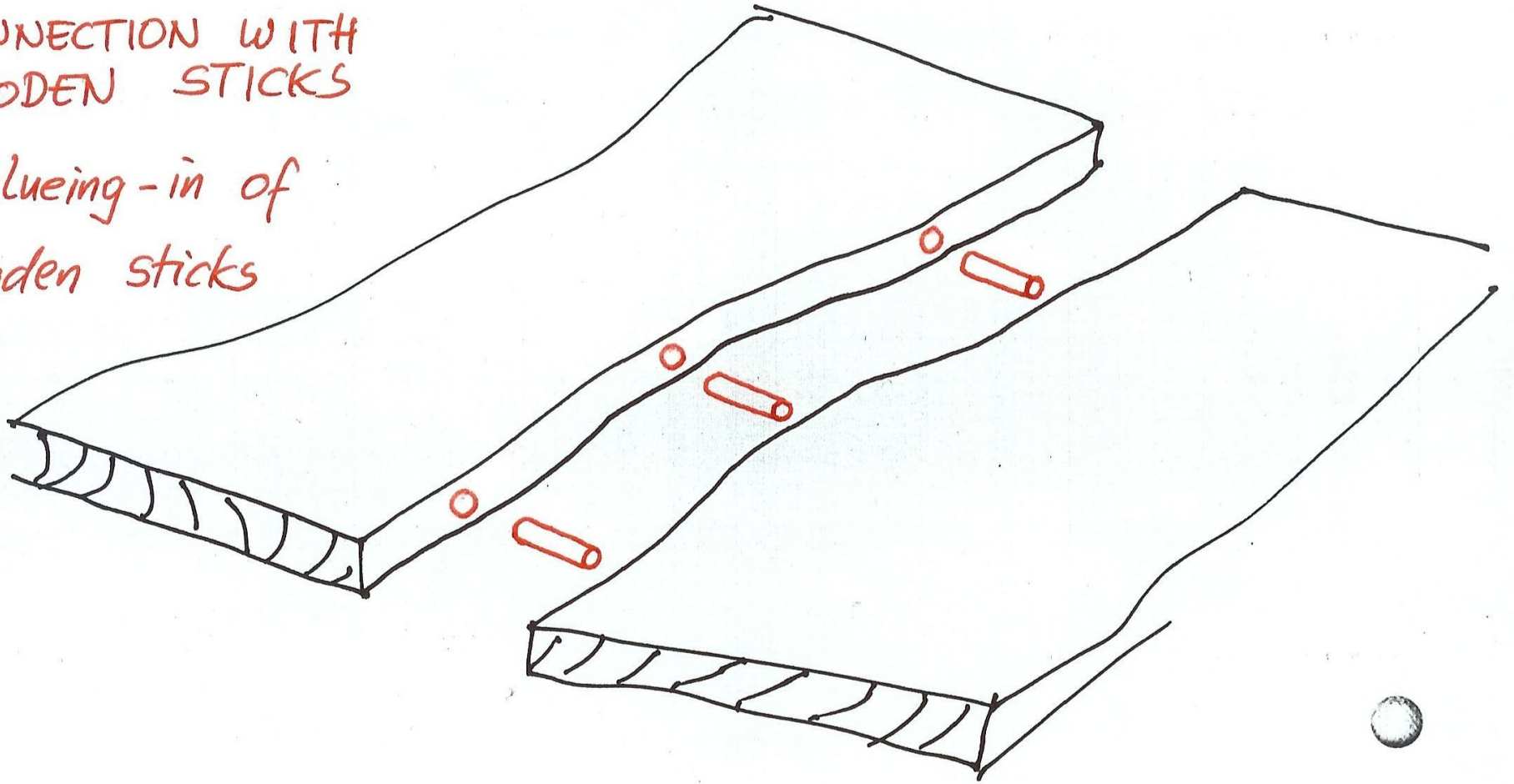


Cut wooden sticks (Schaschlik sticks) and trim them to a length of approx 15mm. By adding a drop of glue (bone glue) stick the pieces in the drillings. Add a drop of Glue on the opposite piece of board and stick both boards together.



# CONNECTION WITH WOODEN STICKS

2) glueing-in of  
wooden sticks

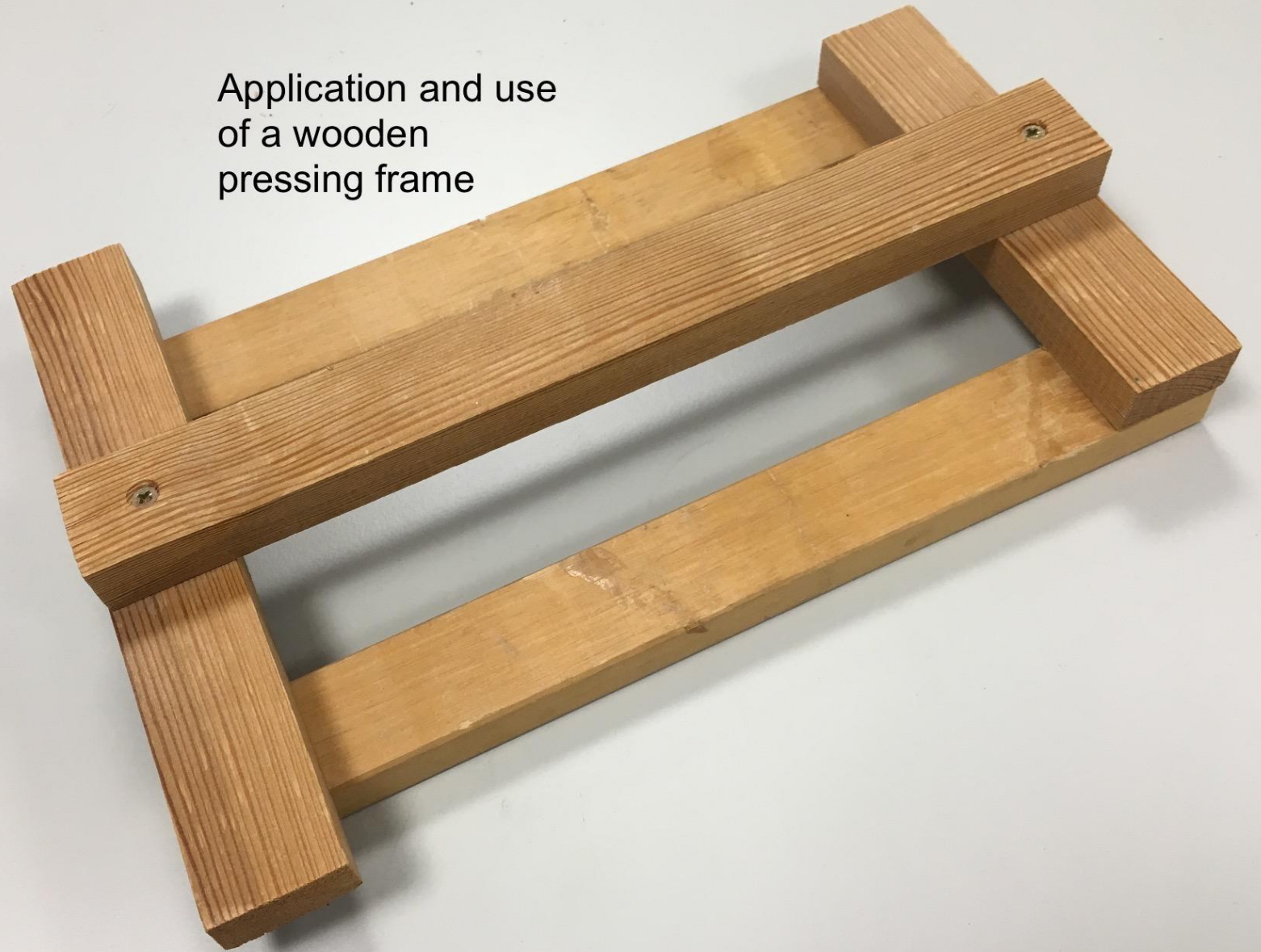




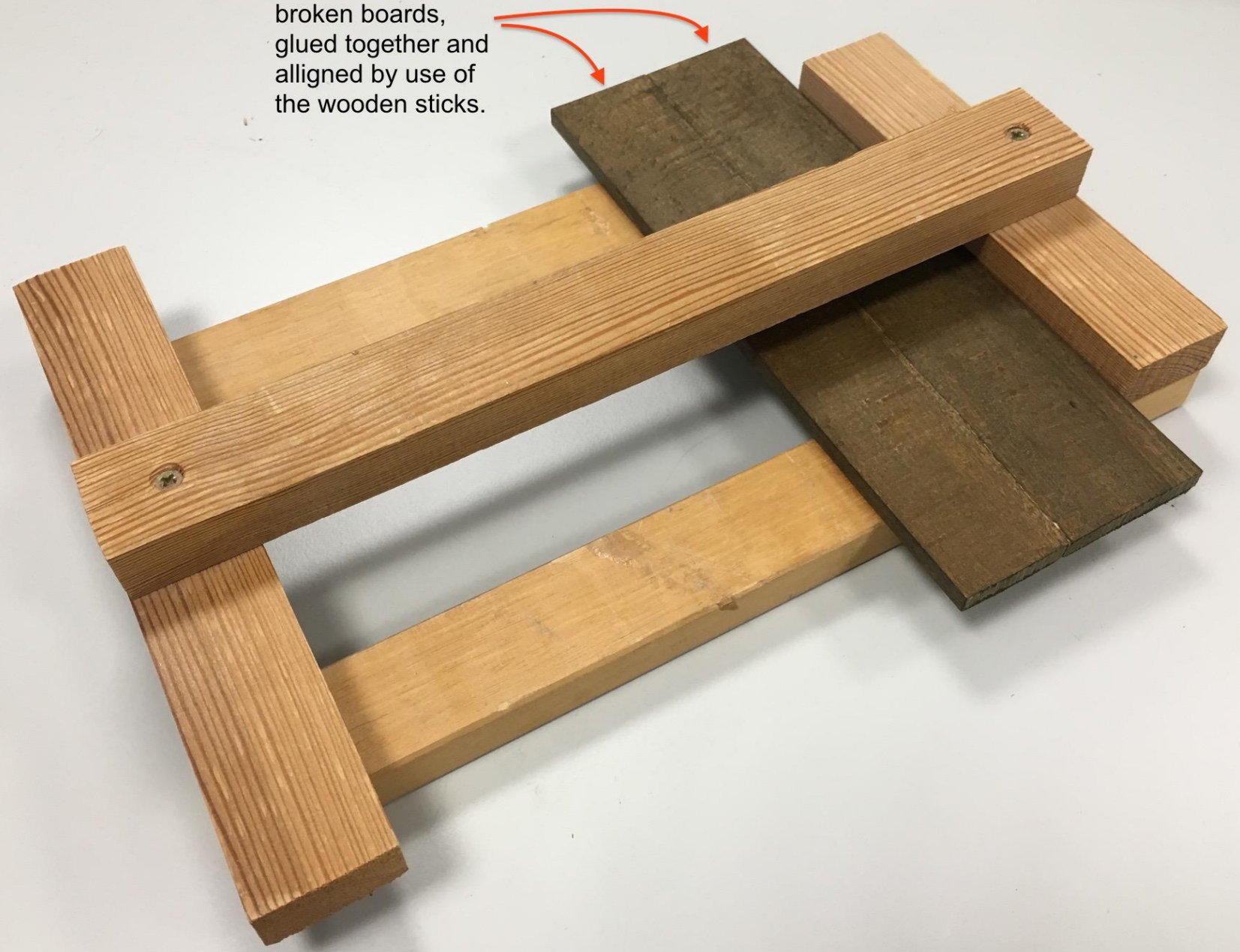
A special tool  
for pressing  
broken  
wooden  
boards,  
developed by  
my colleague  
Reinhard  
Erlacher




Application and use  
of a wooden  
pressing frame



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



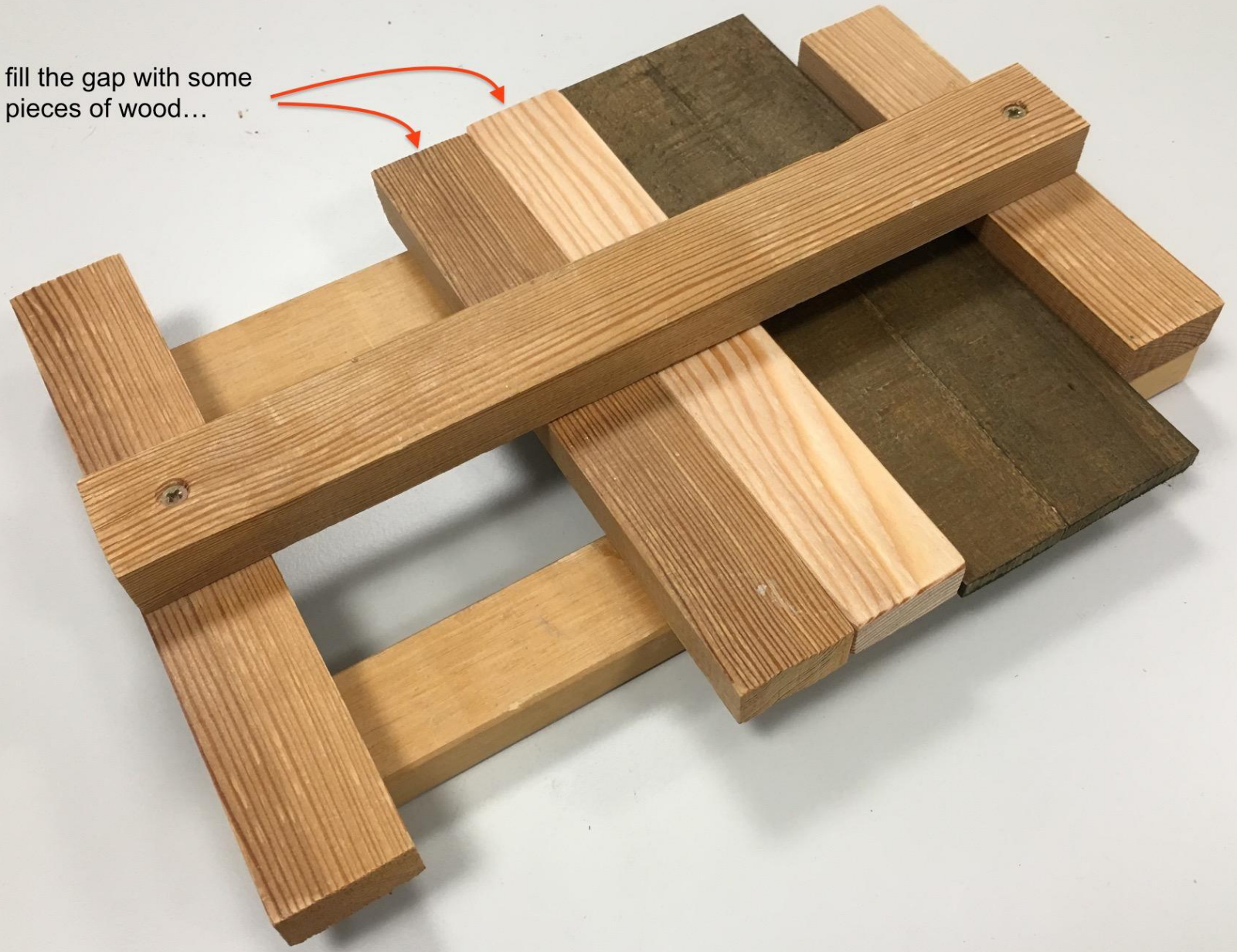


Some pieces of wood,  
40x20mm, L= 24cm

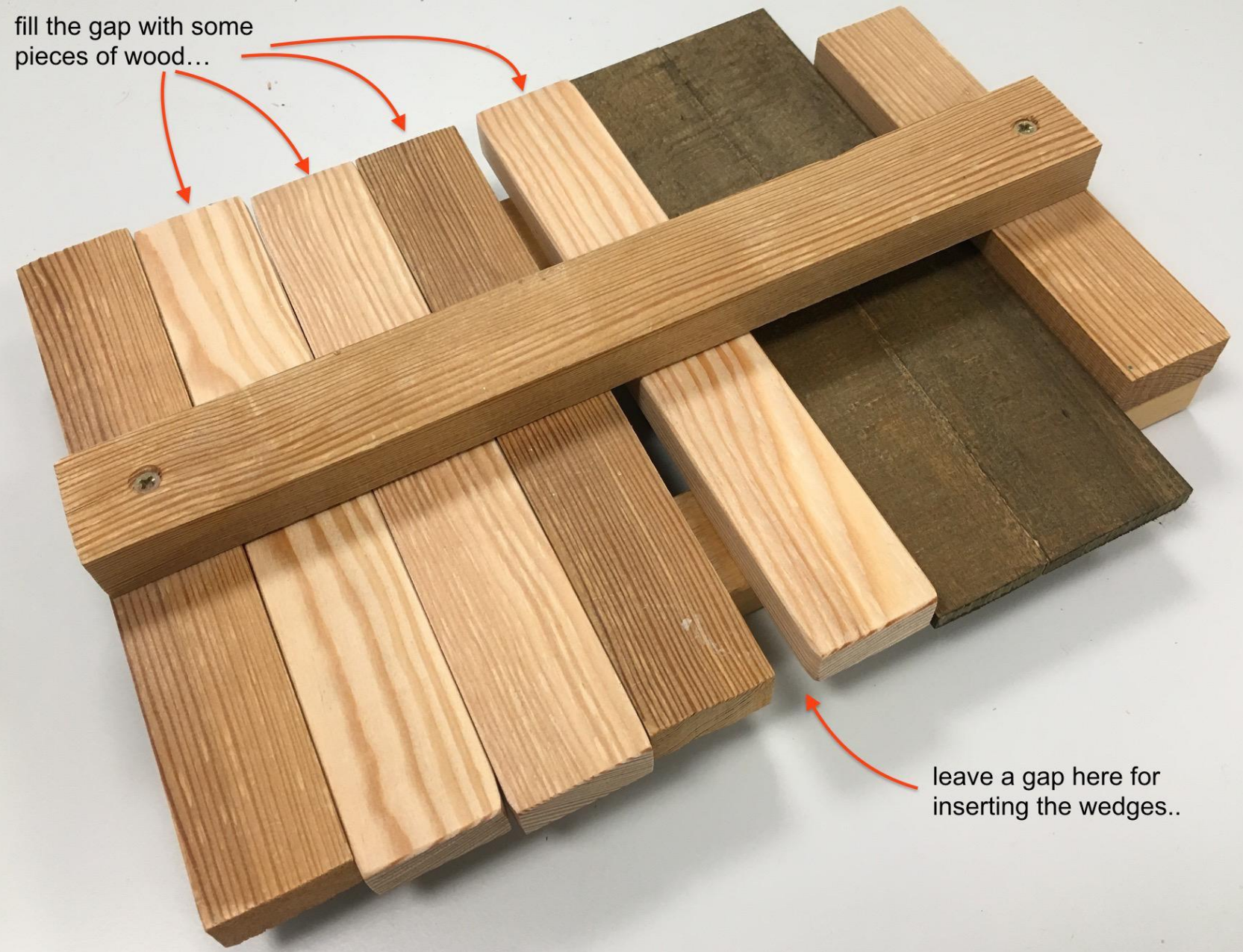
several wooden wedges of  
different sizes



fill the gap with some  
pieces of wood...

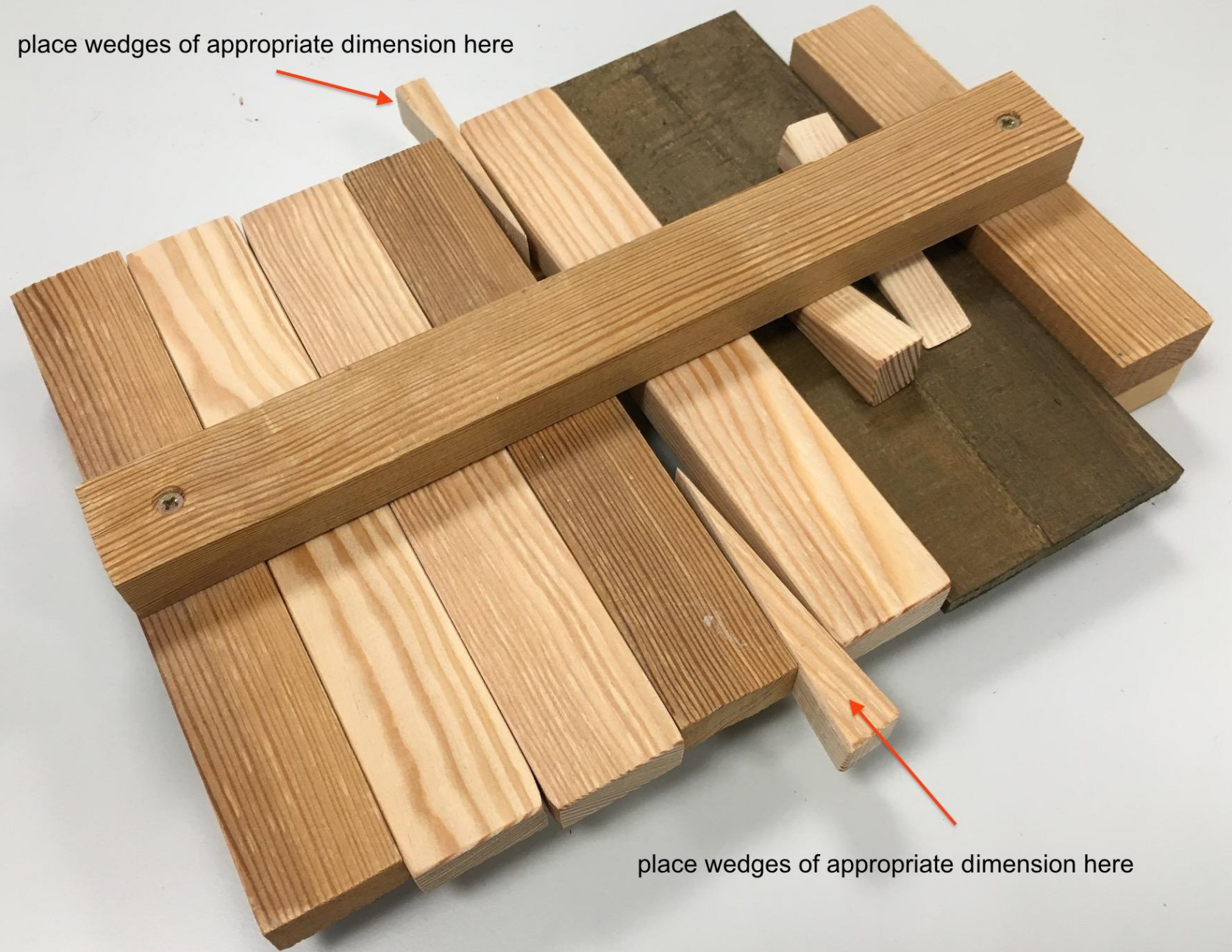


fill the gap with some  
pieces of wood...



leave a gap here for  
inserting the wedges..

place wedges of appropriate dimension here



place wedges of appropriate dimension here



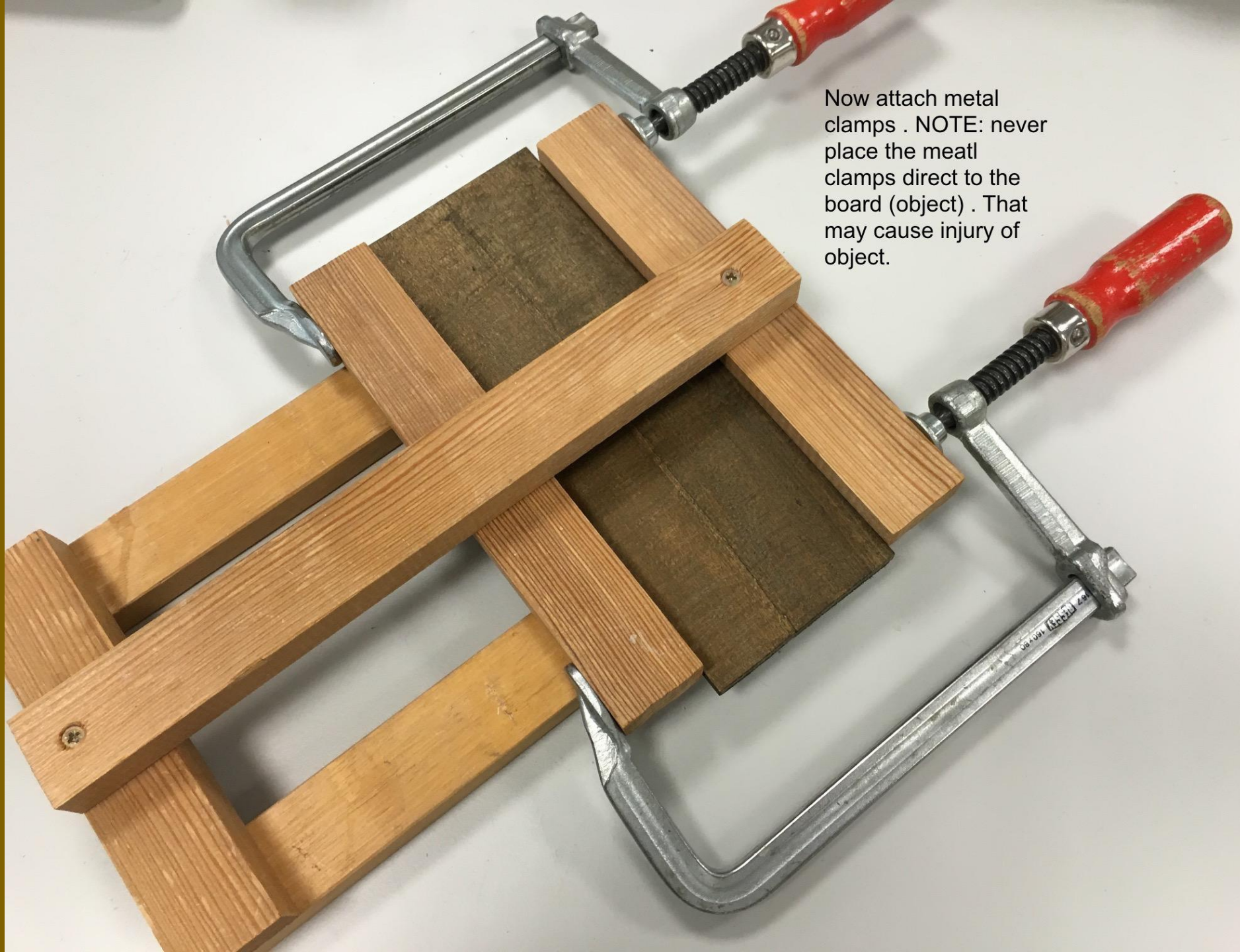
place wedges here  
to hold the boards  
flat while pressing

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

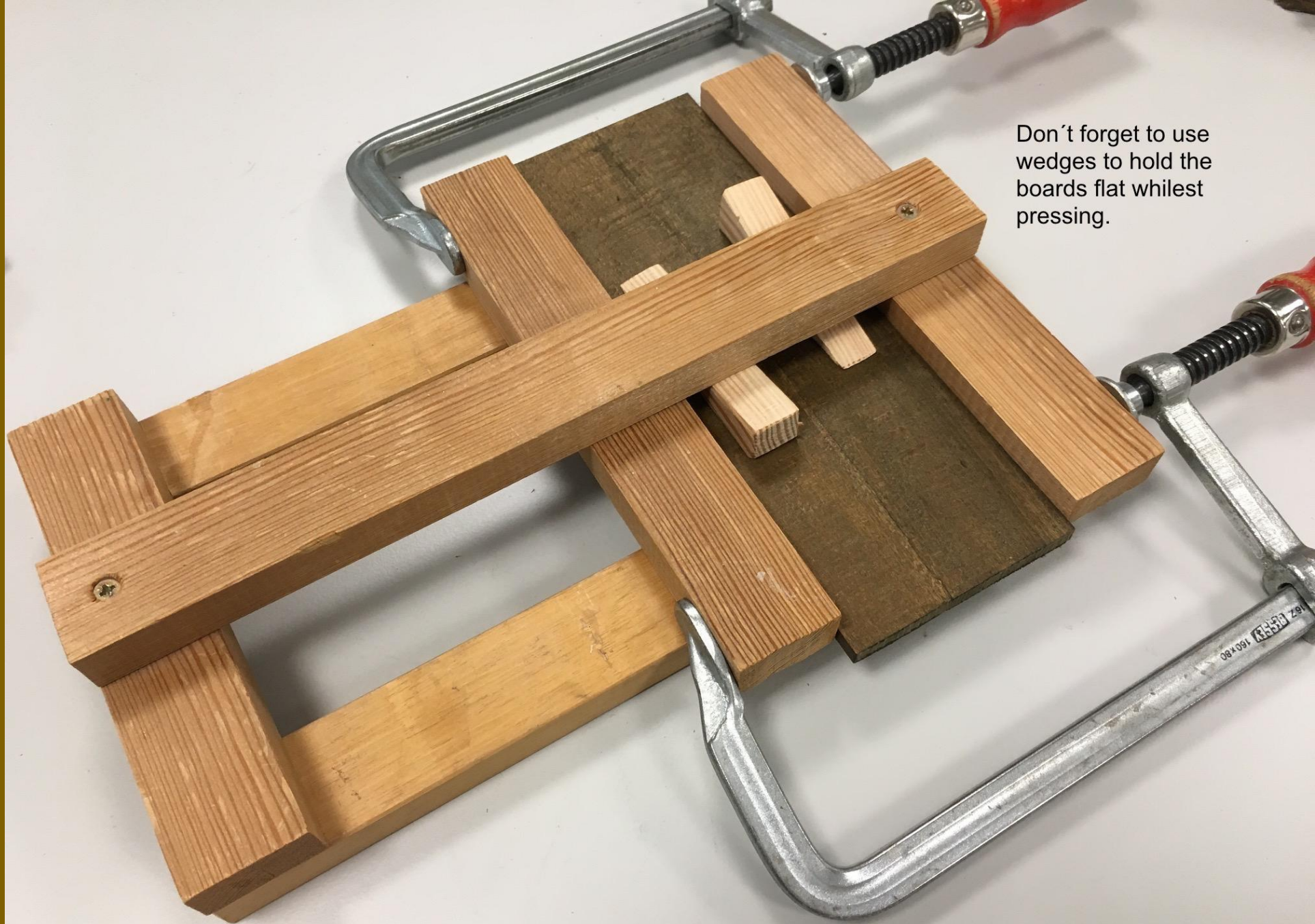


place broken boards  
as shown between the  
wooden clamp and a  
piece of wood.



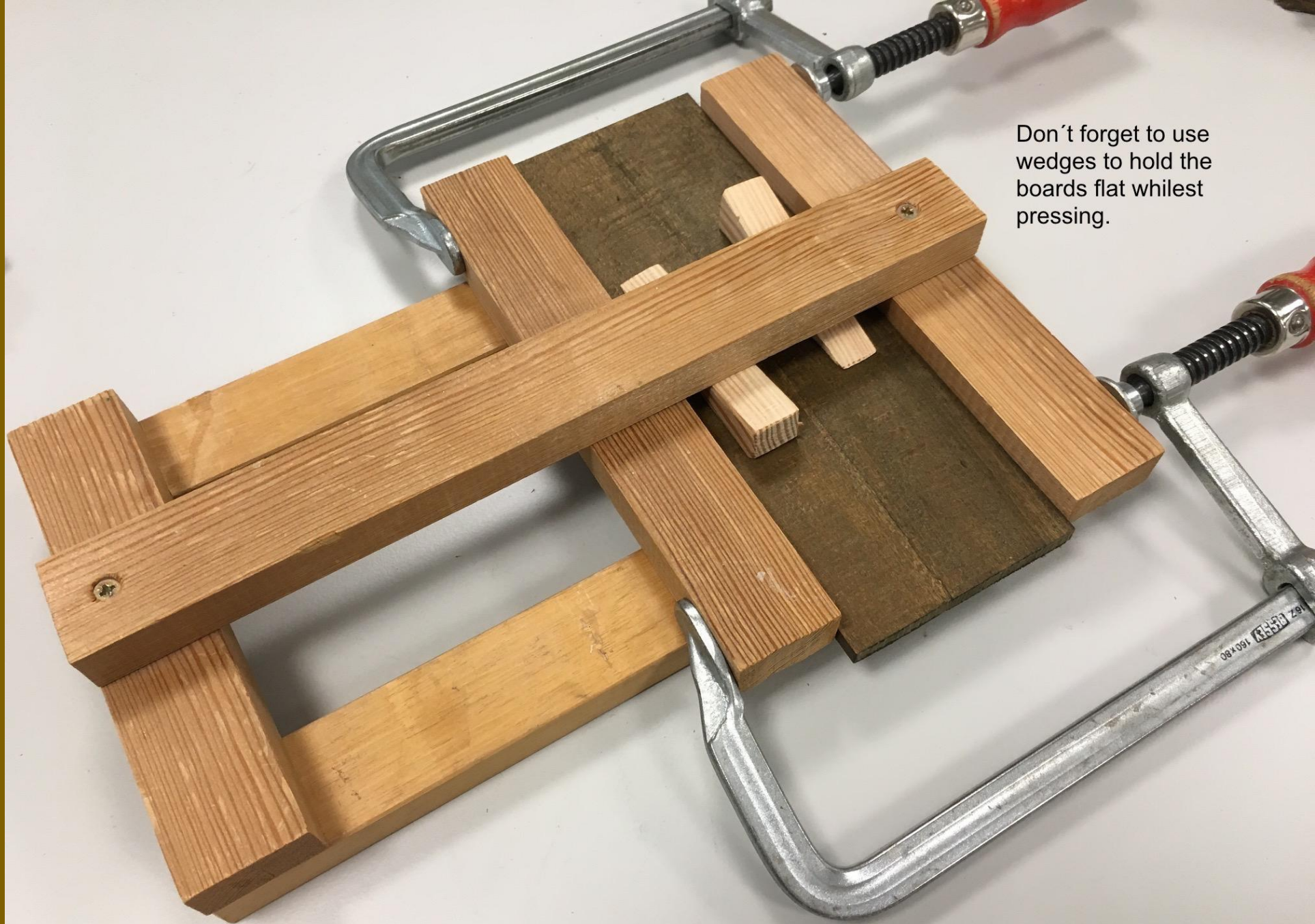


Now attach metal clamps . NOTE: never place the meatl clamps direct to the board (object) . That may cause injury of object.



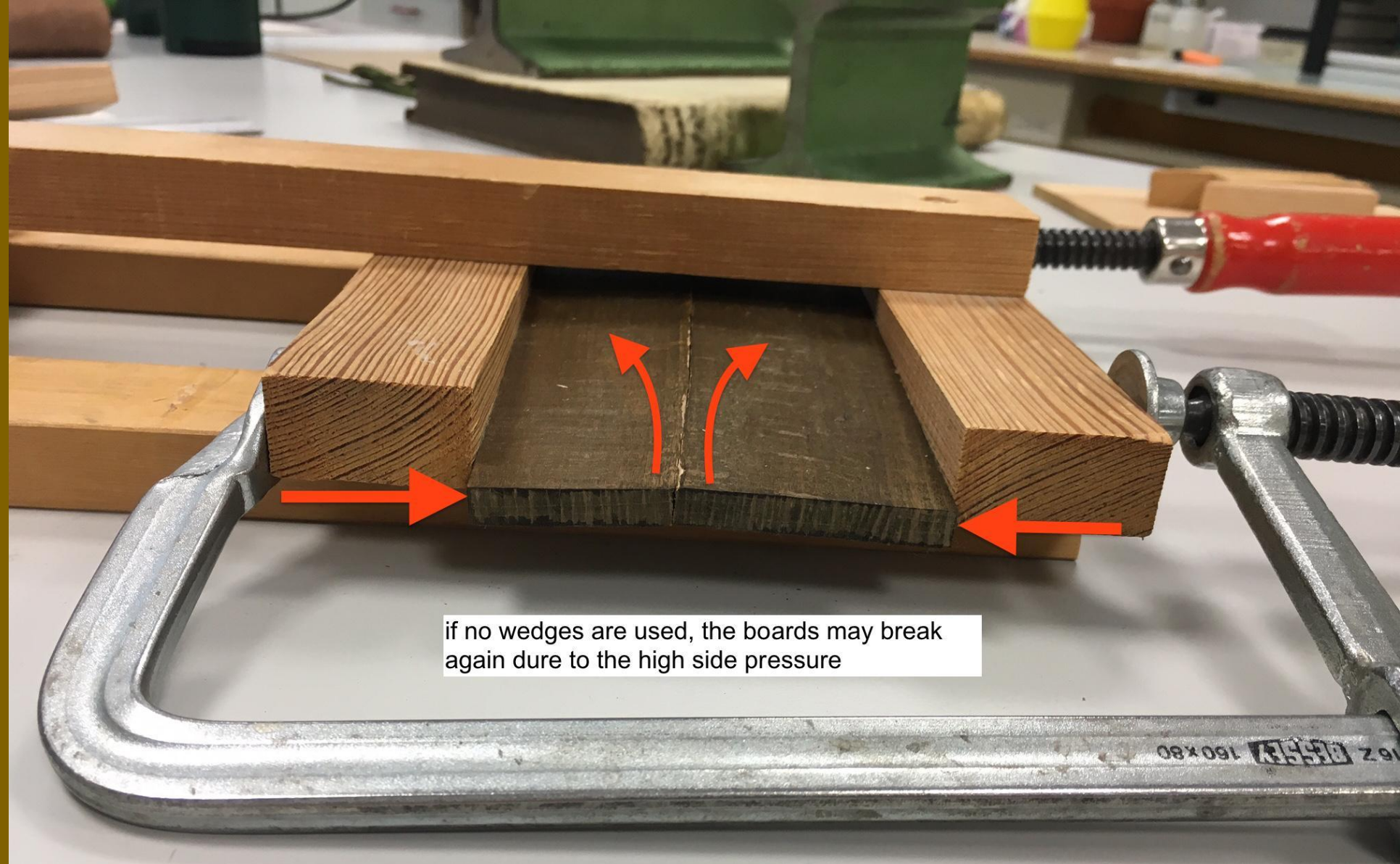
Don't forget to use wedges to hold the boards flat whilst pressing.





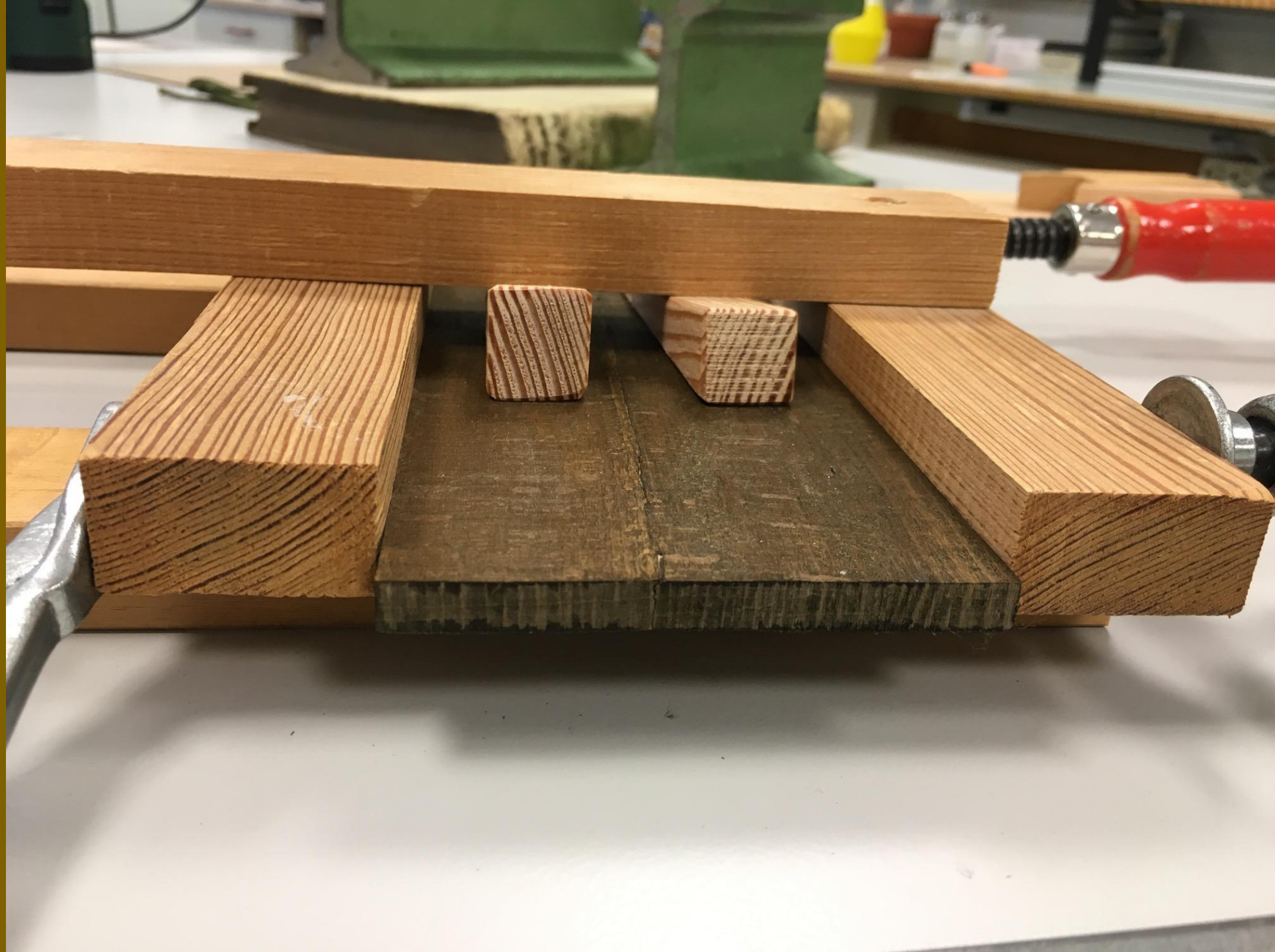
Don't forget to use wedges to hold the boards flat whilst pressing.





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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The dovetail is an enormous improvement of the construction.



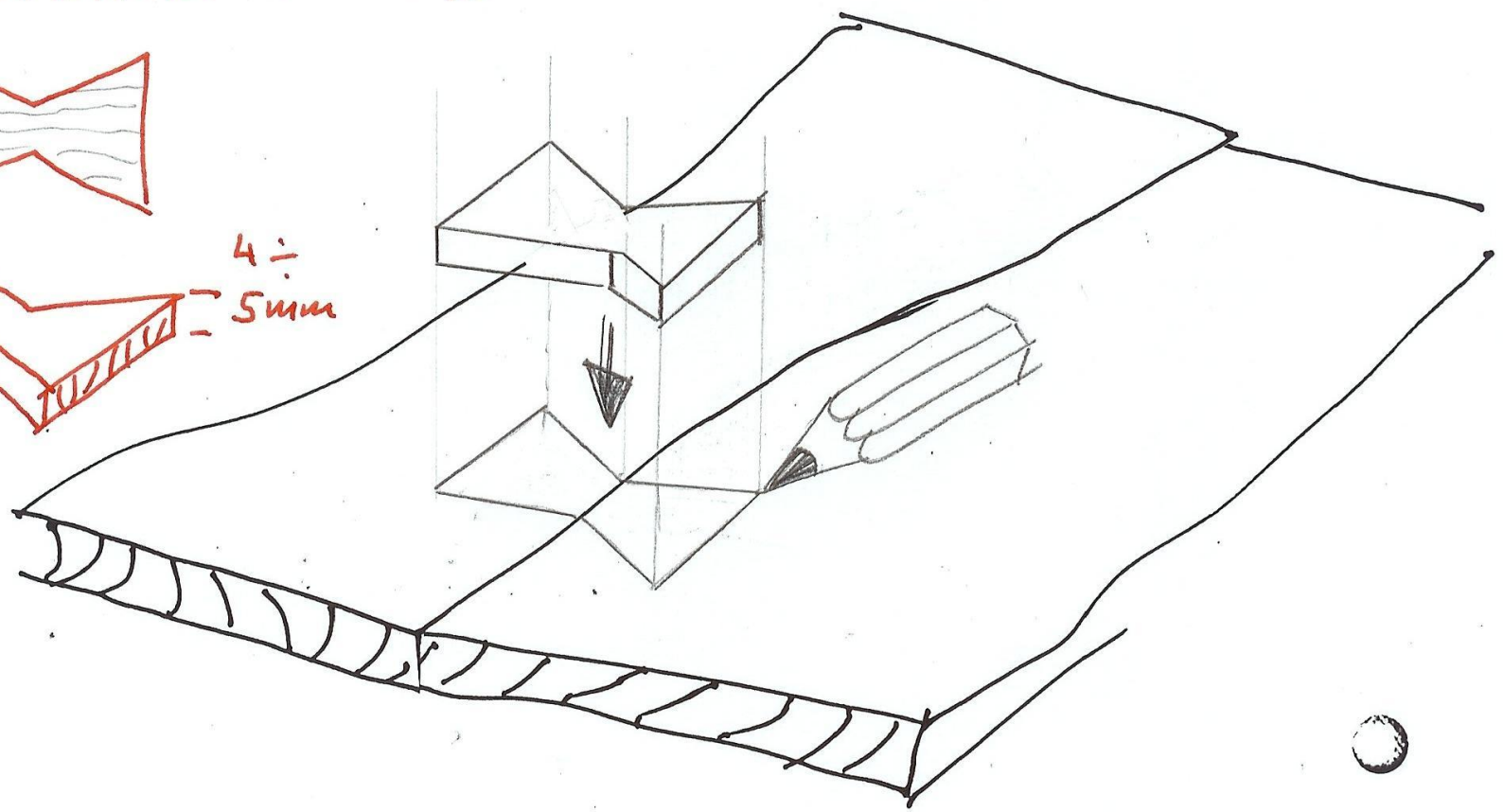
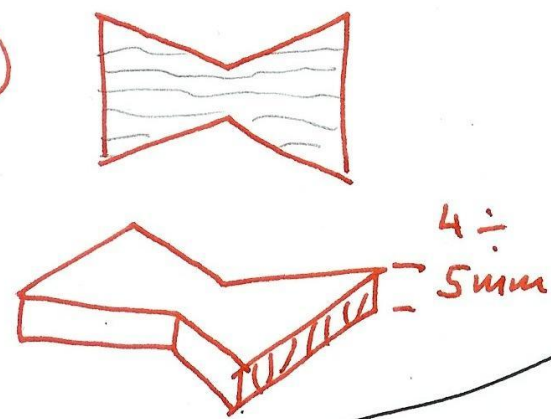


First make a dovetail of wood, ca 4-5mm thick.

Then place it on the board and make a line around the piece

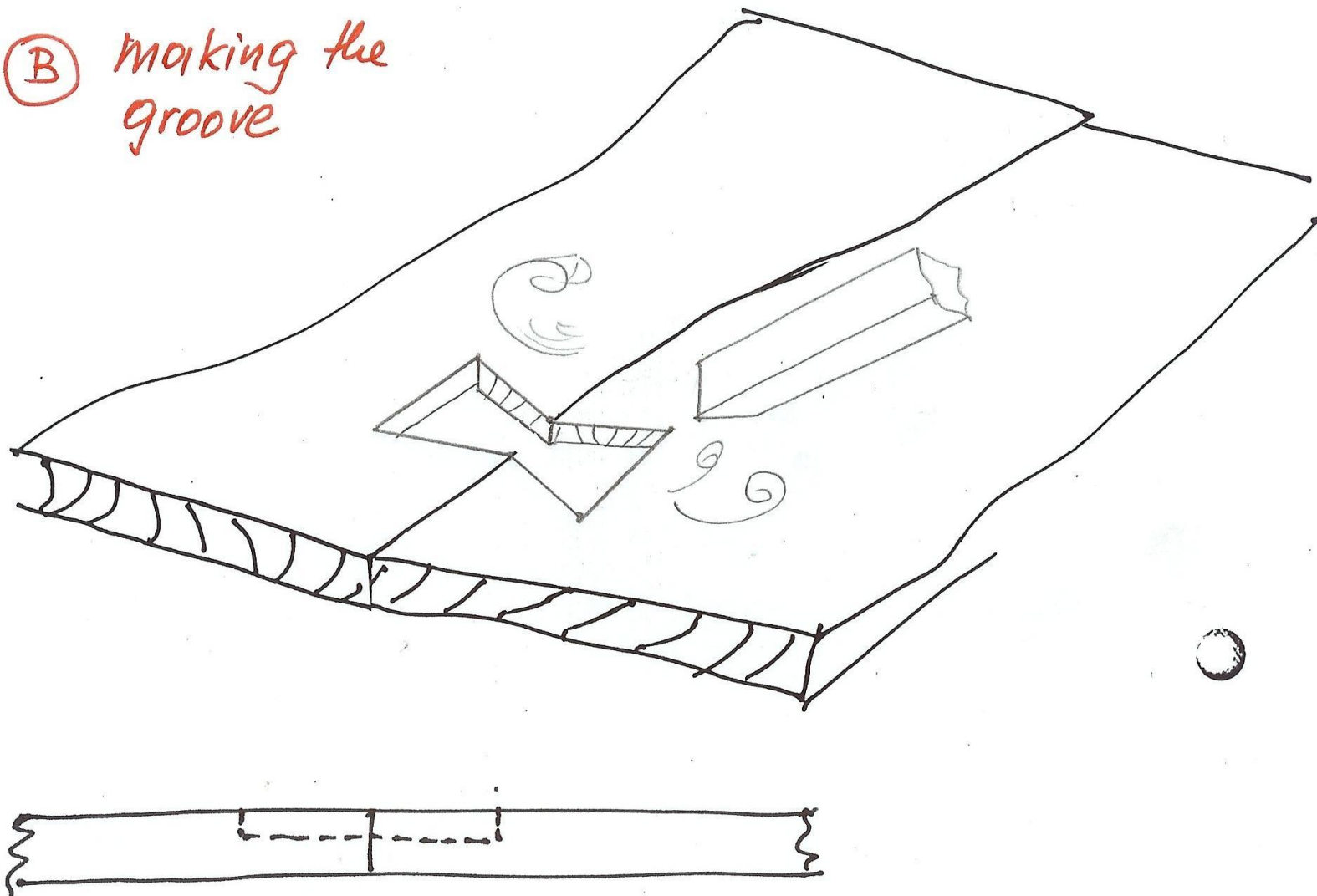
## 2) DOVETAIL - METHOD

(A)



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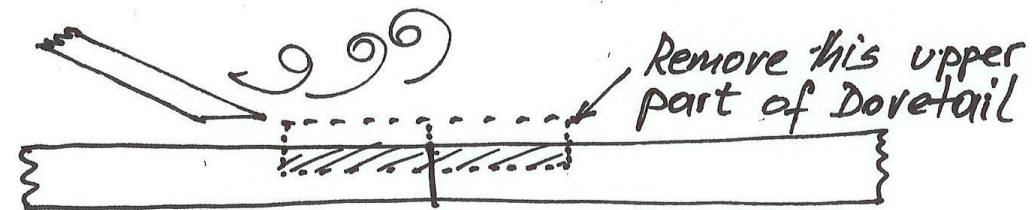
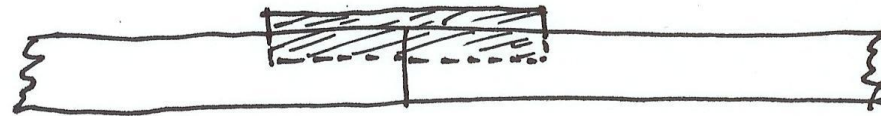
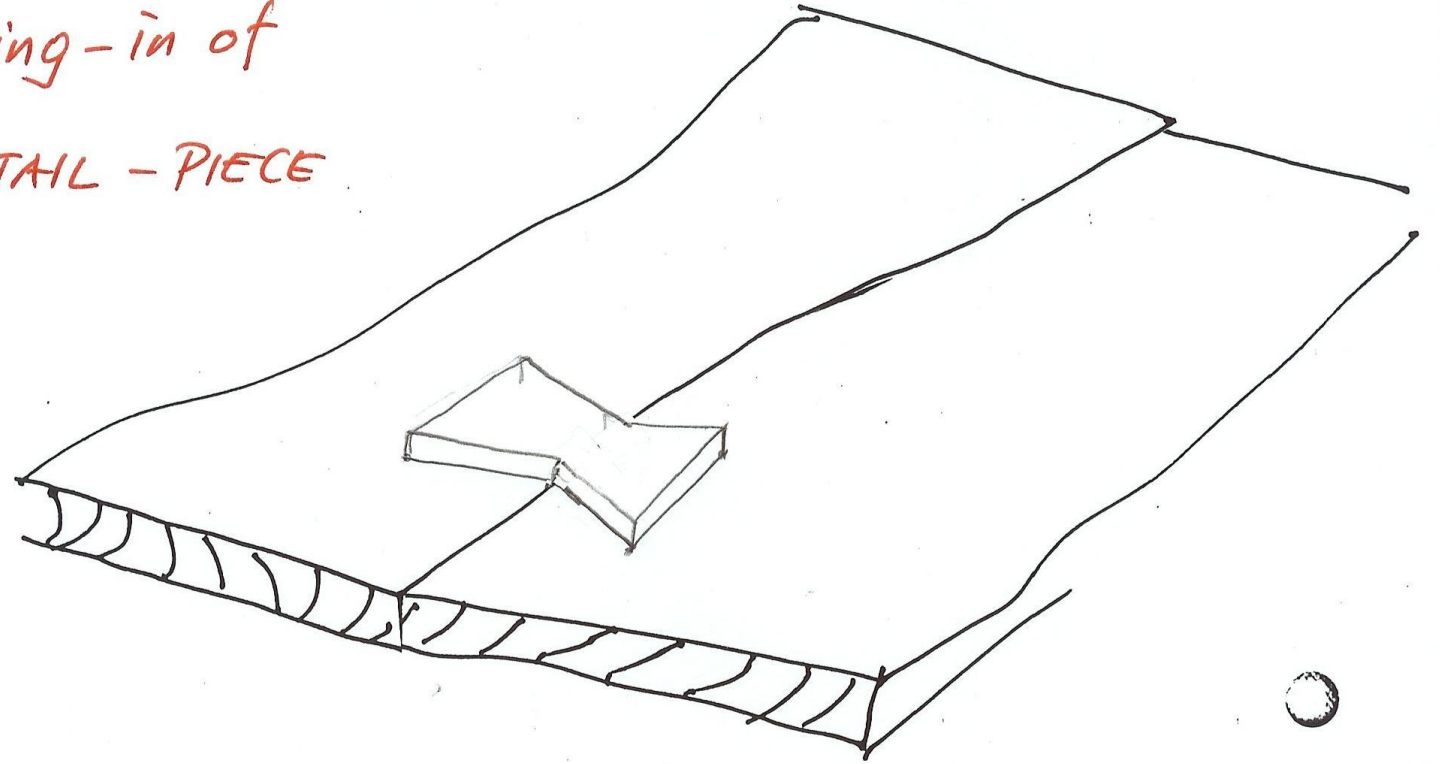
(B) marking the groove



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

## 2) DOVETAIL-METHOD

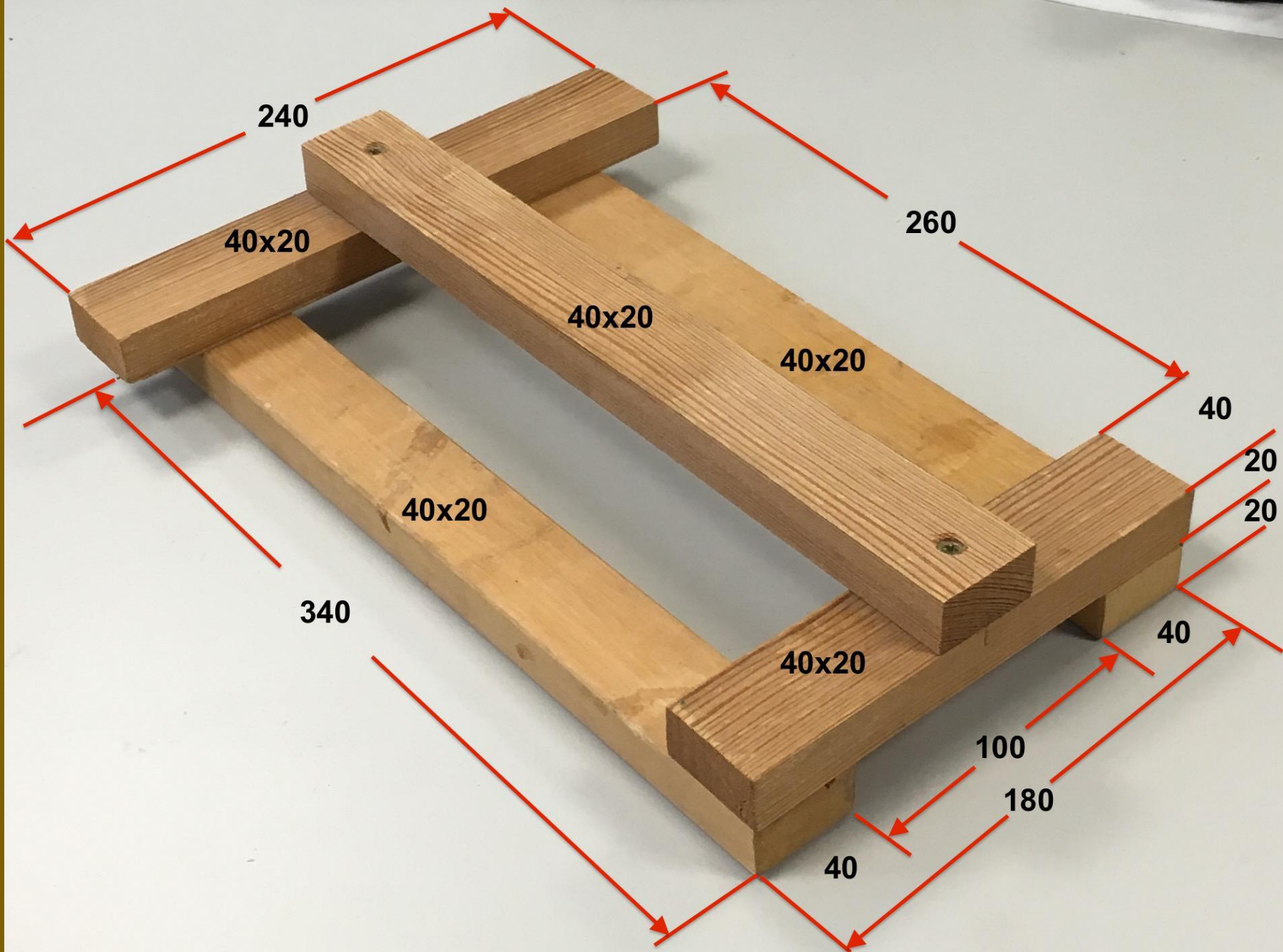
Ⓒ glueing-in of  
DOVETAIL - PIECE

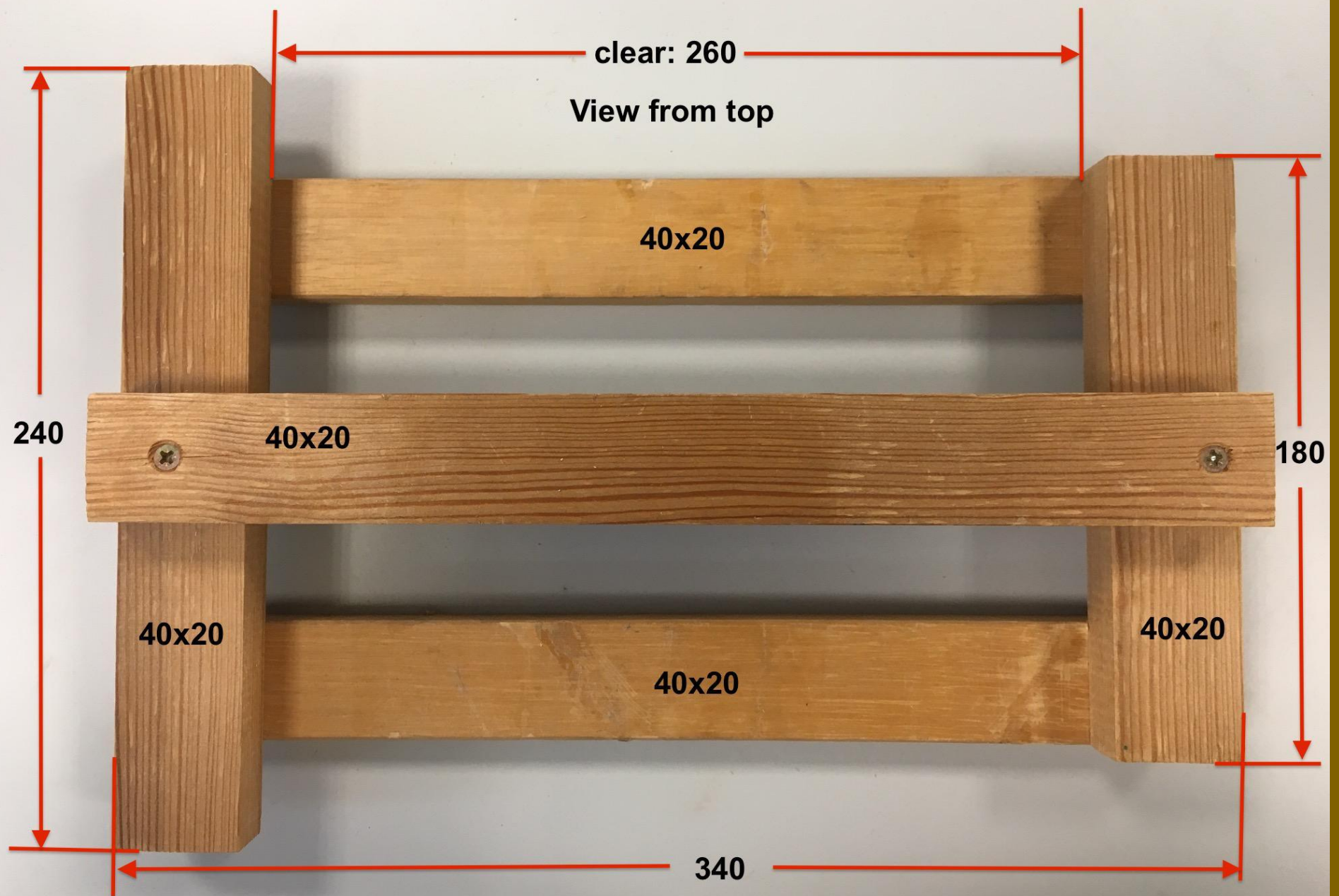


Glue the groove, then place in the dovetail-piece.  
After drying remove protrude part of the dovetail.









clear: 260  
View from top

40x20

240

40x20

180

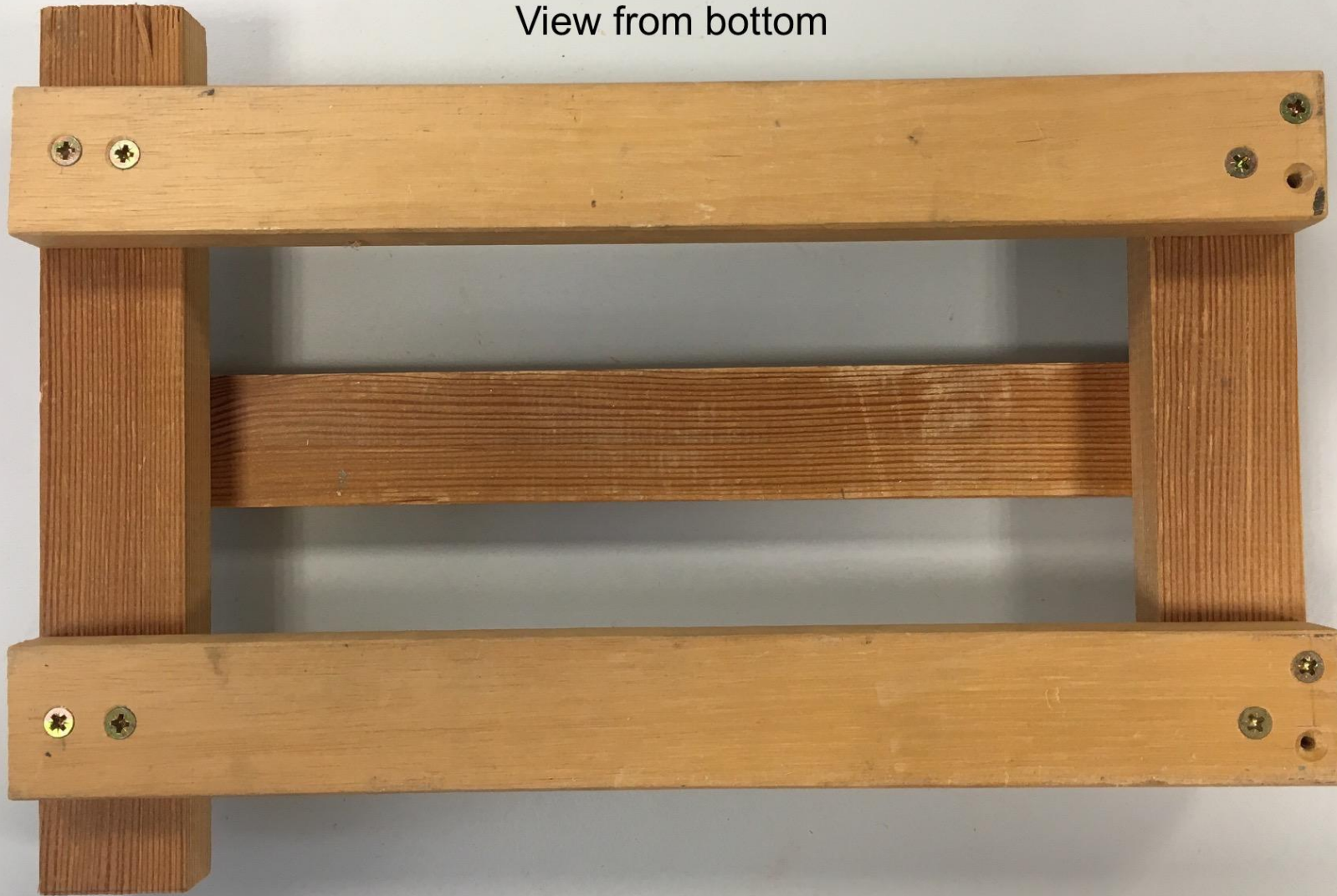
40x20

40x20

40x20

340

View from bottom





Thank you