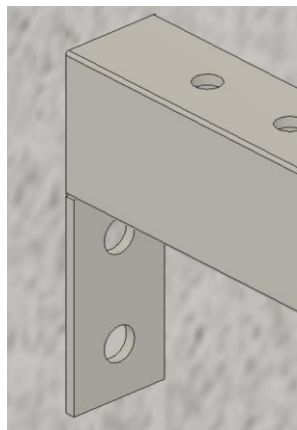


1- place your stringers against your wall.
Try to keep exactly the same distance between the stringers.
Keep a maximum distance of 60cm between 2 stringers!

To place your stairs exactly horizontal, place the top of the stringer on the corresponding height:

- 2 steps: 34 cm
- 3 steps: 51 cm
- 4 steps: 68 cm
- 5 steps: 85 cm
- 6 steps: 102 cm
- 7 steps: 119 cm
- 8 steps: 136 cm



2- Mark the center of the 2 holes on the wall. (not on the floor yet!)

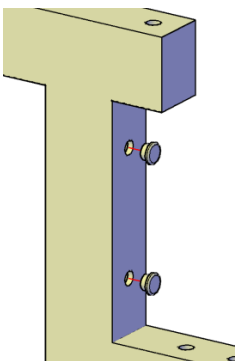
Take the stringers away and pre-drill the holes:

- Solid wood: Ø 7,5mm - 65mm deep
- Concrete: Ø 8mm - 65mm deep



With these heavy duty galvanized bolts supplied with your stairs, there is no need to use plugs if your wall is really solid. In case you have a friable wall, we recommend using a chemical plug, available at your local DIY store. Please follow the instructions of the manufacturer.

3-Align the stringers on the floor as perfect as possible, do not fix them yet.



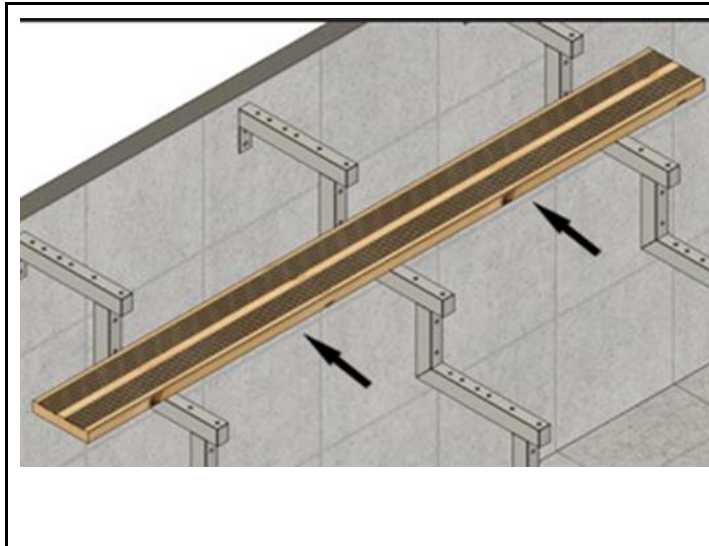
4- Now place the plastic plugs supplied with the stringers in the holes as in the image, to cover the holes.



5- Placing the steps

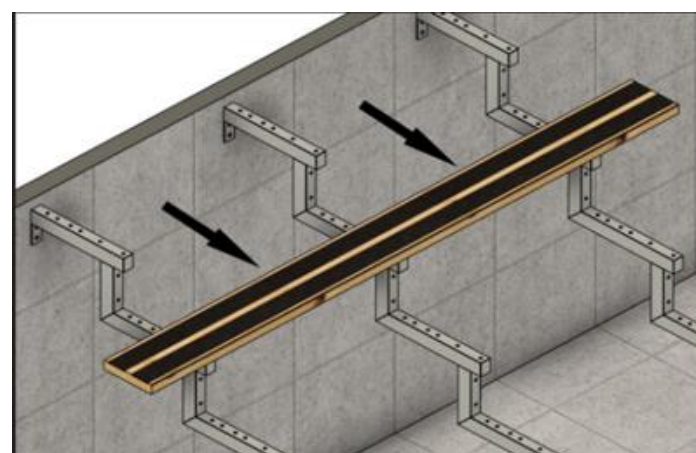
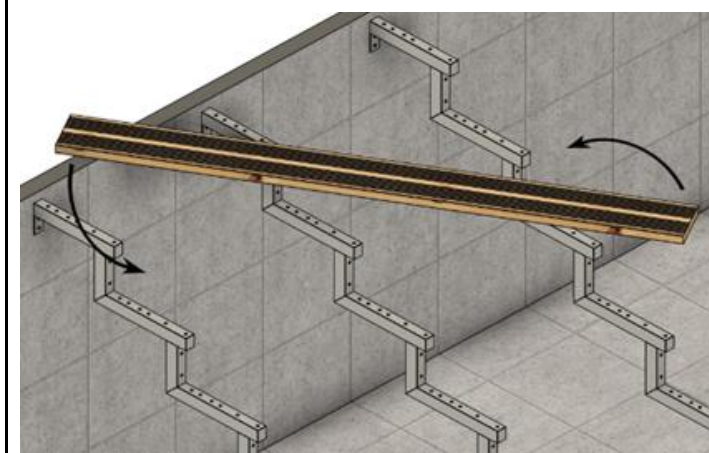
The steps are not pre drilled to allow you to place the stringers wherever you want. Predrilling can be a bit tricky, you have to work very precisely.

To predrill, use a drill $\varnothing 6\text{mm}$ with a free length of at least 70mm. Do not use a drill with a larger diameter as the square part of the carriage bolt will slip in the hole and you won't be able to tighten the nut.



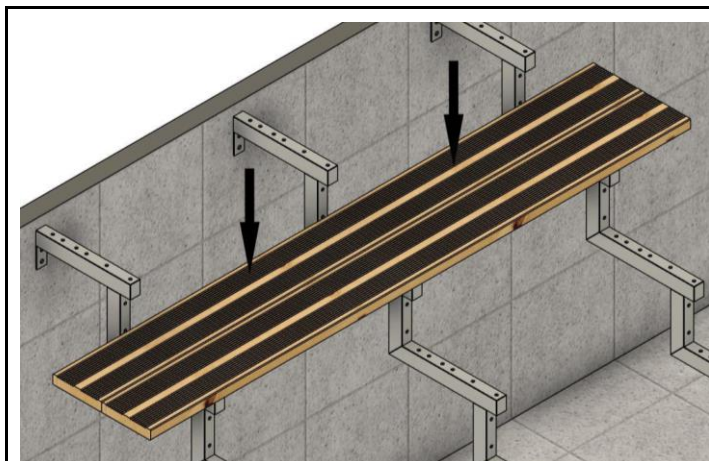
5a - Position the board close to the vertical part of the stringers. Always use this position for pre-drilling to align all the boards precisely.

5b - Secure it with clamps and pre-drill the board from below through the stringer's holes and insert the bolts with a hammer (not yet the nuts and bolts).



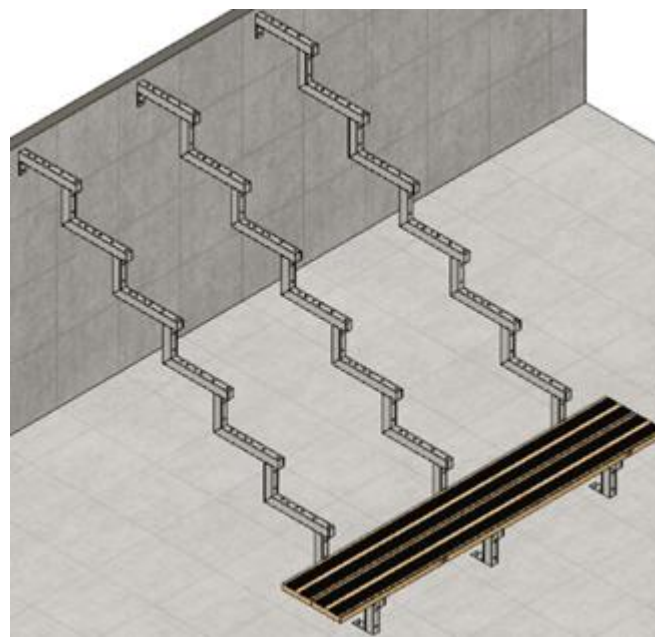
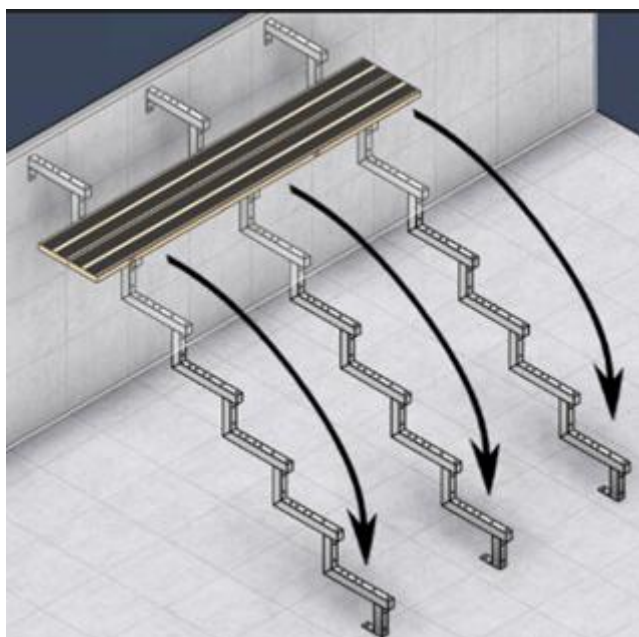
5c - Take away the board and turn it horizontally. This must be done for all the boards that will be positioned at the edge of the stringer tread (Photo 5d).

5d - Position the board over the holes located at the edge of the stringer and insert the bolts through the holes.



5e - Take a new board and place it in the same position where you drilled the first one (Photo 5a).

5f - Align it perfectly with the other one, secure it with clamps, pre-drill from below through the stringer's holes as shown in photo 5b and insert the bolts (not yet the nuts and bolts).

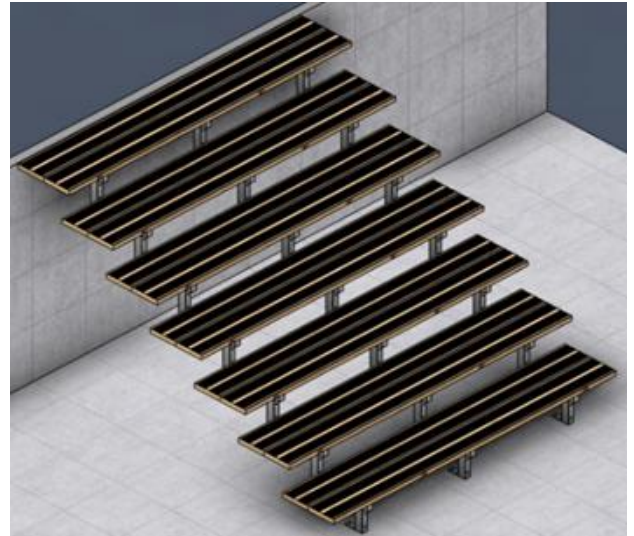


5g - Take these 2 boards and place them on the lowest step to align the stringers.

5h - Insert the bolts into the holes, but do not secure them with the nuts! This will be the final step.



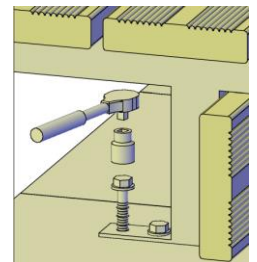
5i - Repeat the drilling of the steps, place them on the second lowest step and work your way up until all the steps are in place.



6 - Once you have completed all steps, realign everything to ensure your stairs are perfectly straight and well positioned.

7 - Take away the boards of the lowest step and mark on the floor where you have to pre drill the holes to fix the stringers to the floor.

8 - Push your stairs a bit to the left or right to have space to drill.



9 - Push the stairs back into position above the holes and fix them to the floor.

10 - Now you can tighten all the bolts of the steps with the washers and nuts supplied in the kit.



Scan the QR code or click on the link to watch the video:

[OSLO-BALI steel staircase assembly video](#)



Congratulations, you have finished your stairs!



OSLO



BALI

Waste disposal instructions:

Wood and steel are recyclable materials. Please check your local laws and regulations for recycling opportunities.

All the packaging materials are also recyclable, please follow the local regulations.

