



# BRUCHA Sliding Doors

## Stainless Steel - Flat Frame - Installation Guide



**BRUCHA®**

Panels that Connect



### Tools

You will need the following tools to assemble the door:

- |                         |                                |
|-------------------------|--------------------------------|
| 1. Drill with drill bit | 7. Impact drill with drill bit |
| 2. Riveting Pliers      | 8. Measuring tape              |
| 3. Rivets               | 9. Allen bit set               |
| 4. Level                | 10. Jig saw                    |
| 5. Socketwrench         | 11. Phillips screwdriver       |
| 6. Wrench               |                                |

#### 1. Pre-assembly

Ensure the floor is level before starting the installation of the doors. This is especially important in the direction the door opens, so that it does not scrape along the floor.

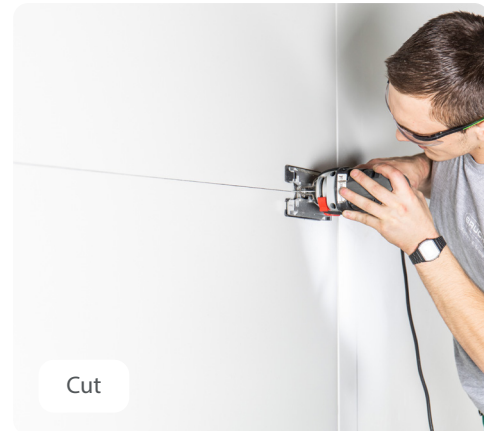
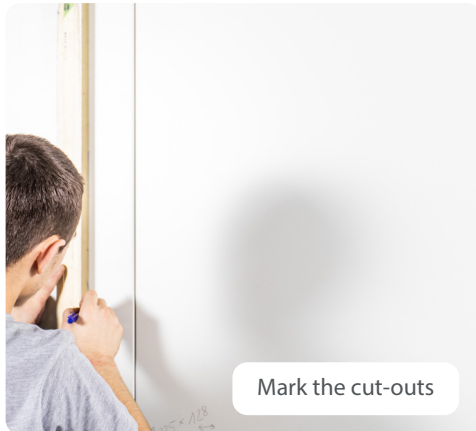
Then check the wall into which the door is to be installed. It needs to be plumb.





## 2. Preparing the cut-out

Once the necessary pre-assembly steps are completed, you can begin preparing the cut-out for the door. **IMPORTANT:** The cut-out must be wider than the door by 0.8" (2 cm) and higher by 0.4" (1 cm).



## 3. Assembling and inserting the frame

First assemble the exterior frame and place it into the prepared cut-out.





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### 4. Stabilizing the frame

The frame consists of two parts. The exterior frame has already been assembled. Now the interior frame is simply placed against it on the inside. Stabilize both parts of the frame temporarily using screw clamps. Be sure that the miter joint of the interior frame fits.



### 5. Attaching the frame using rivets

Connect the frames to each other using three rivets on each side. Two rivets on the top level with the screws, one each centered between them.





## 6. Top alignment

Place a level on the top frame and make the necessary adjustments. You may need to compensate for unevenness on one side.



## 7. Inserting the top screws

The screws at the top can now be inserted, use the pre-drilled holes in the frame. Drill the holes from both sides. You can insert the covers into the holes afterwards.





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### 8. Side alignment

Now place the level along the sides of the frame and align again. Again compensate for any unevenness. **IMPORTANT:** The sheet metal strips on both sides must be in alignment.



### 9. Inserting the side screws

You can now insert the screws on the side. Use the designated holes in the frame.





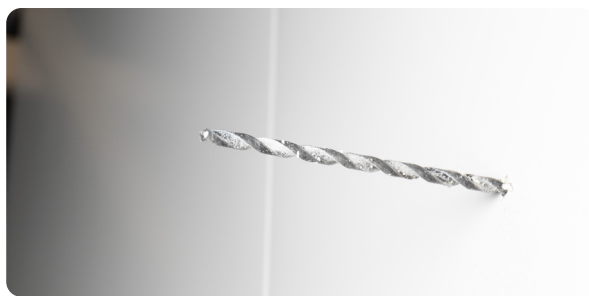
### 10. Stabilizing the hanger bracket

Place the stainless steel rivets (4.8x16) in order to stabilize the hanger bracket. **NOTE:** For larger sliding doors the hanger bracket is provided in two parts. These need to be aligned beforehand. This picture shows a hanger bracket that has already been installed on the frame.



### 11. Attaching the hanger bracket

Insert the hanger bracket screw. This screw must be fastened with the NIRO washer provided. Here you can drill through from one side.





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### 12. Installing the guide rail

Install the guide rail using the screws provided and the designated slotted holes.

**IMPORTANT:** This shows the brackets for the guide rail in mounted position. These may need to be attached to the frame beforehand.



### 13. Assembling the trolley

Insert the screws for the door leaf into the appropriate holes in the trolley. Then attach the two side covers.

**IMPORTANT:** One of the covers needs to be screwed in while the other must be pushed in.





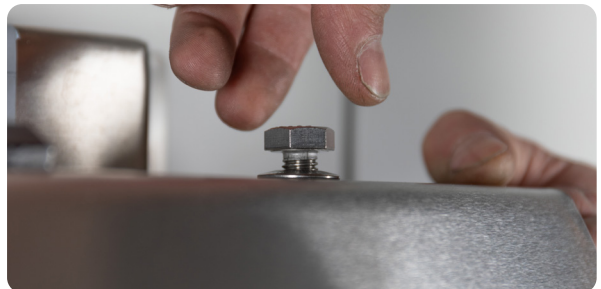
## 14. Installing the trolley

Simply insert the trolley onto the guide rail.



## 15. Installing the stoppers

Install the stoppers on the front and back side. The front stopper is screwed in along with the guide rail bracket.





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### 16. Installing the guide rail covers

Install the black covers on the front and back side of the guide rail.

**IMPORTANT:** These must be attached with a hex wrench.



### 17. Hanging the door leaf

First remove the nut and washer from the threads that you put on the trolley. Lean the door against the frame and lift it with a crowbar or something similar. This allows you to insert the threads through the hole in the door leaf and fasten it using the nut you removed earlier.





### 18. Adjusting the overhang

Now adjust the overhang. The door leaf must be centered over the frame. Once the overhang is even, fasten the first nut of the leaf assembly. This stabilizes the leaf on the trolley so it can no longer slip out of position.



### 19. Adjusting the door leaf

Adjust the door leaf. The gasket at the bottom should only slightly touch the floor when the door is closed. See photo. Otherwise it will wear faster. In order to adjust the door leaf turn the first nut on the trolley in either direction.





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### 20. Installing the guides

Install both guides at the front and back side of the door leaf putting both guides in place and holding a level against the door leaf. Ensure that the door leaf is straight and that the gasket on the side is not pressed too tightly against the frame. Otherwise it will also wear faster.





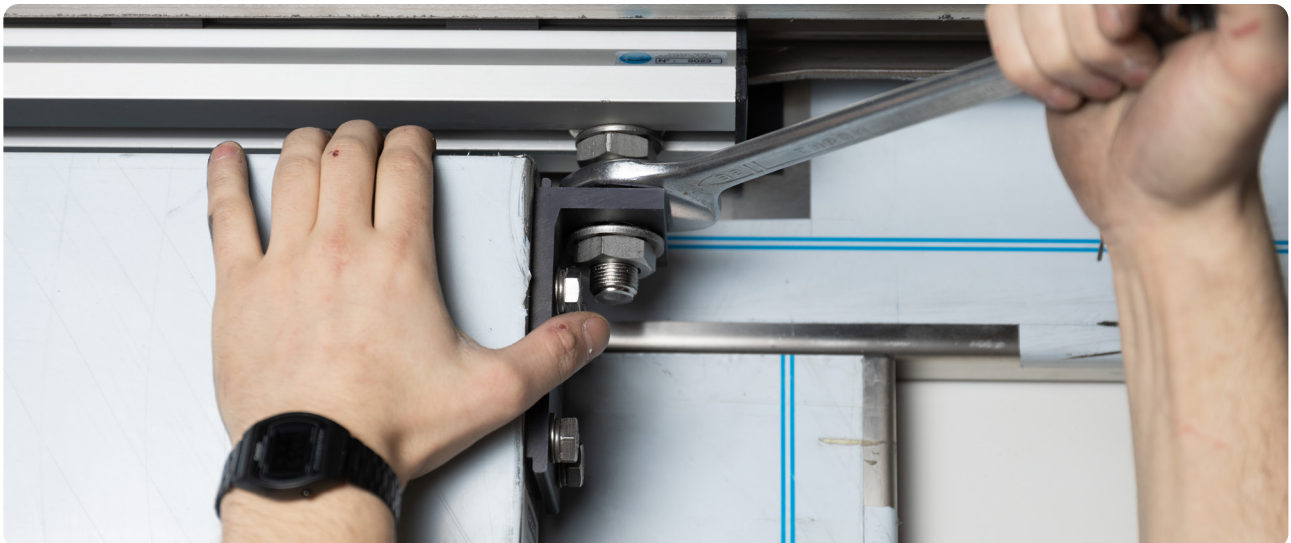
### 21. Installing the opener counterpiece

Install a small plastic plate on the inside of the frame. It acts as a counterpiece for the opener.



### 22. Stabilizing the door leaf on the trolley

Once everything is adjusted correctly, fasten the second nut on the trolley so that the door leaf is firmly attached to the assembly.

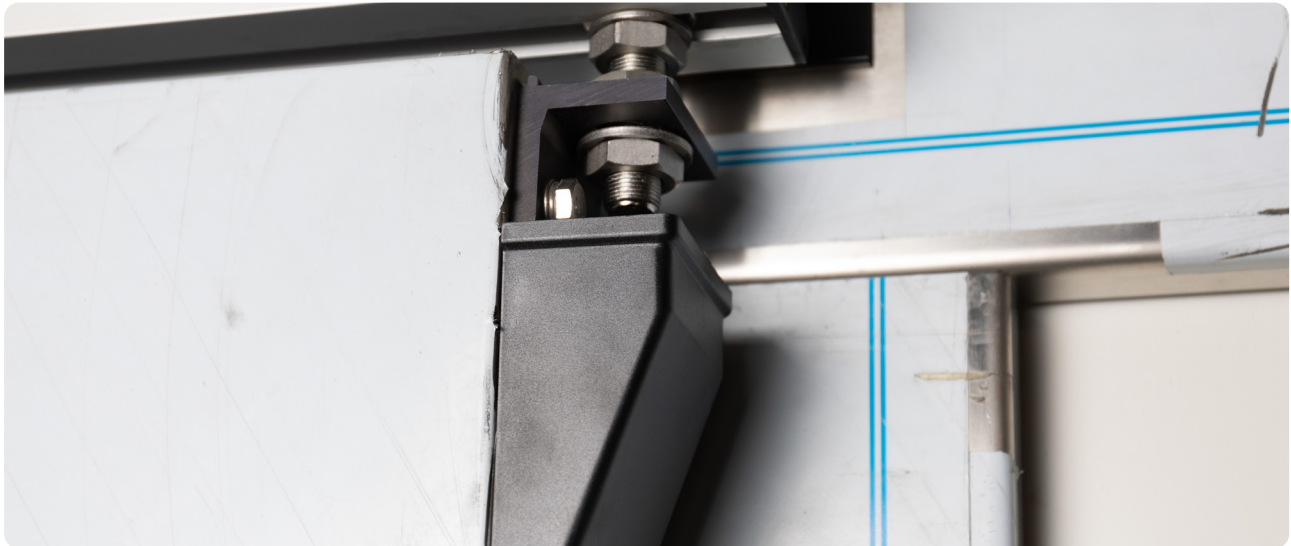




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### 23. Installing the trolley covers

Finally, install the trolley covers. In order to do so, slide them over the trolley assembly until they snap into place.





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02/2020 - Subject to errata and changes due to measures relating to quality improvement.

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