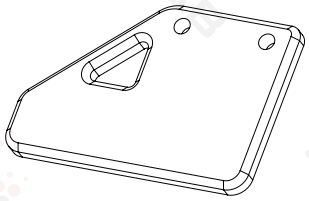
CHAOTICLAB

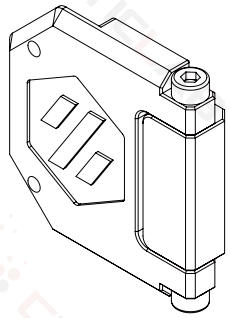
VORON 2.4 CNC DOOR MOUNTING KIT BUILD GUIDE

VERSION 2024-07-19

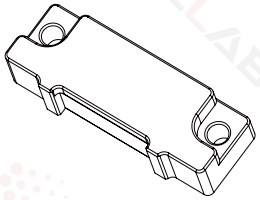
PACKAGING LIST



DOOR HANDLE
4 pcs

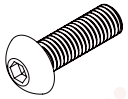


HINGES
4 sets

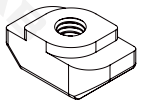


MAGNETIC DOOR CLOSER
2 sets

SOCKET HEAD CAP SCREW (SHCS)
M3x6 16 pcs



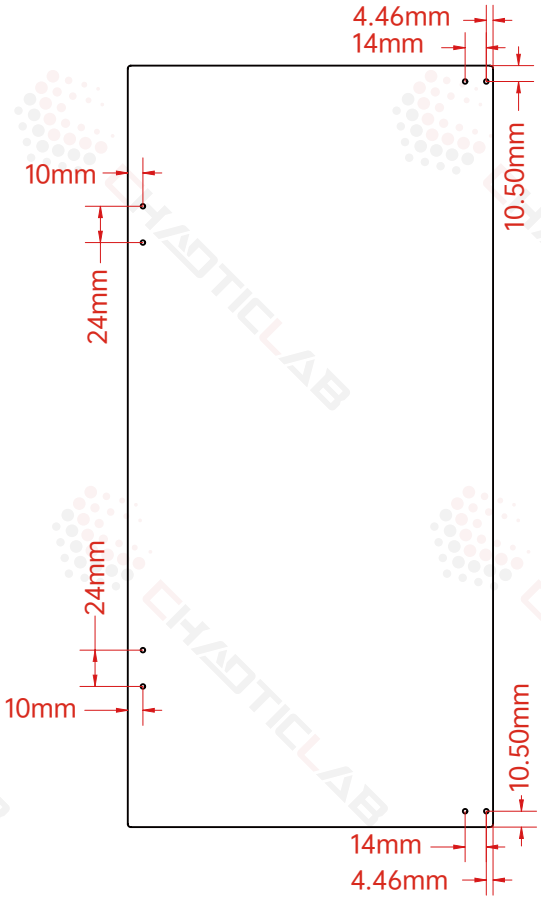
BUTTON HEAD CAP SCREW (BHCS)
M3x6 4 pcs



HAMMERHEAD NUT
M3 4 pcs

Install this VORON 2.4 CNC DOOR MOUNTING KIT only after completing all assembly and wiring of the printer.
The manual shows the frame for clarity and reference purposes only.

This manual exclusively covers installation guidelines for the front panels.
Please disregard the images showing panels installed on all sides (top, bottom, left, right).

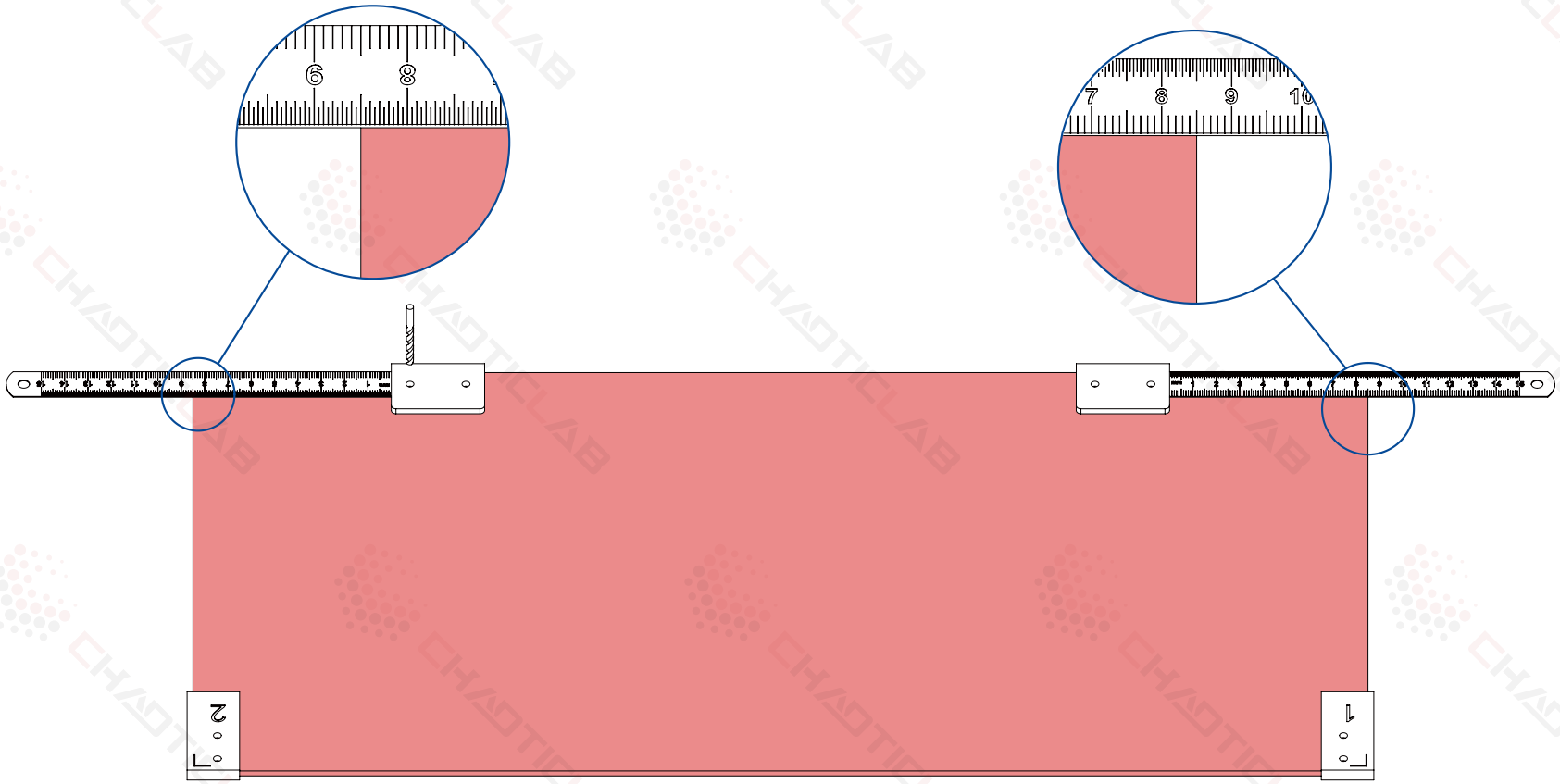


TOOLS NEEDED

3mm Drill bit x1

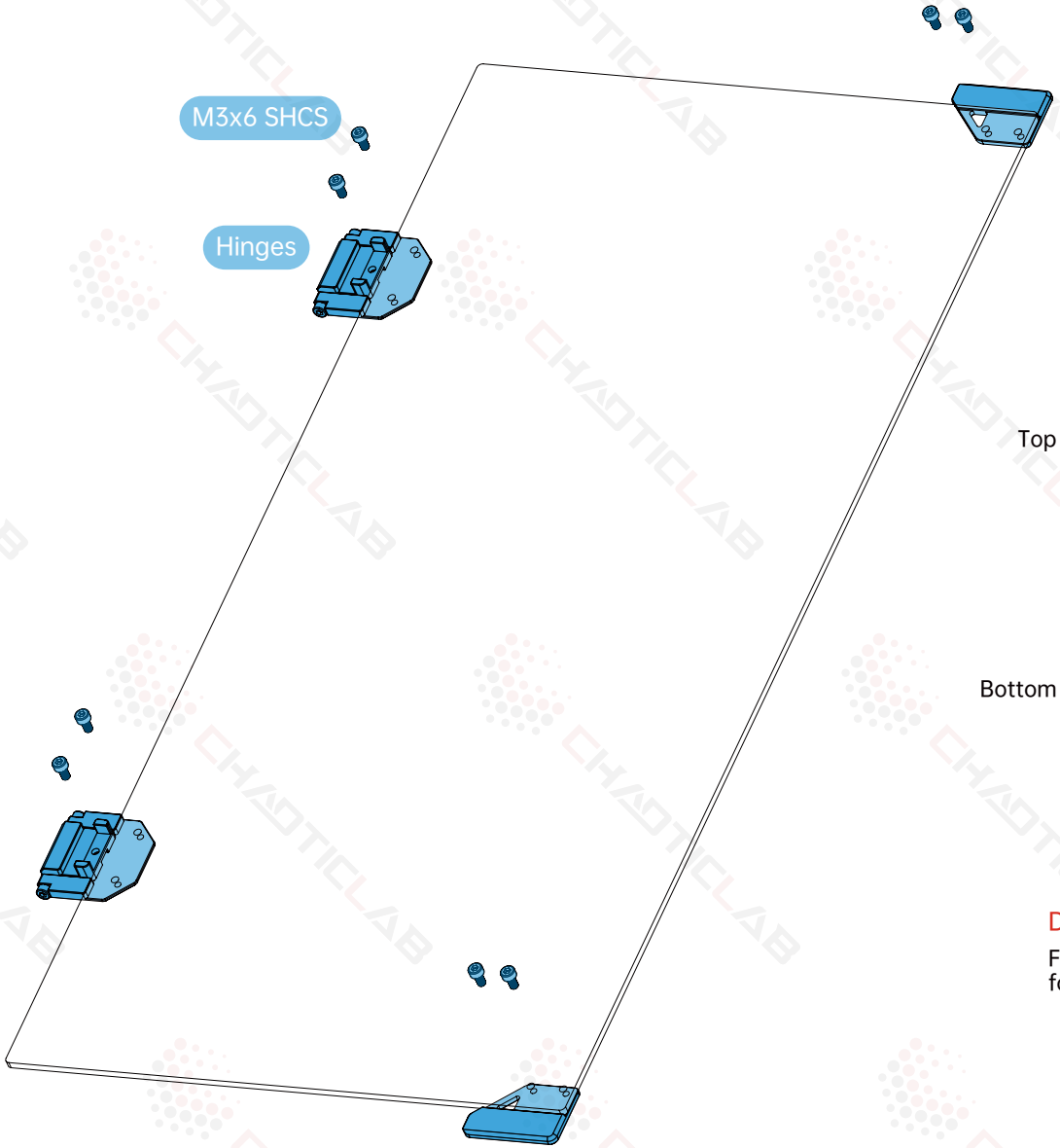
Prior to installing the hinges and door handles, drill eight 3mm holes on the two acrylic doors. Please refer to the diagram.

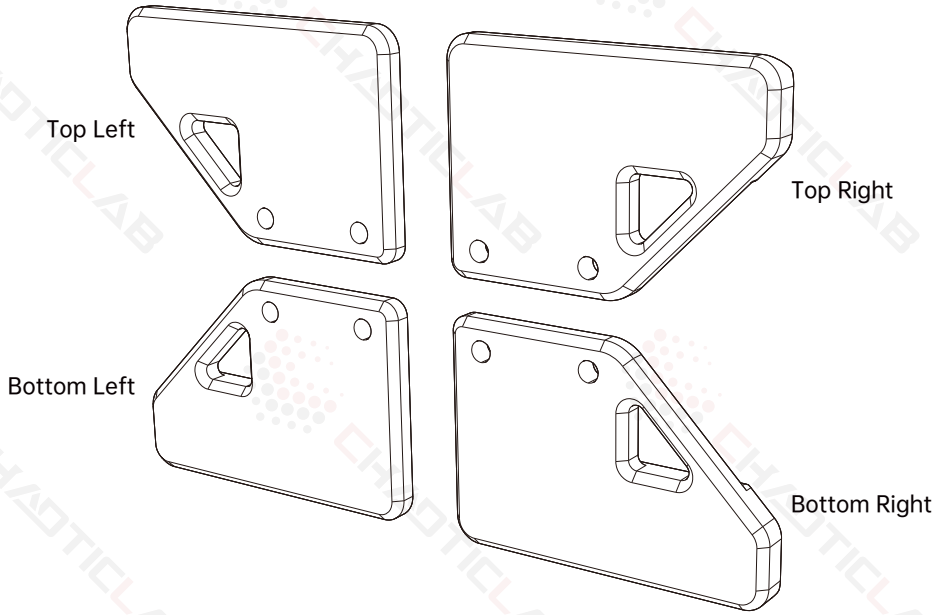
We have provided an effective positioning tool for drilling. Download and print it from: https://github.com/Chaoticlab/Voron-2.4-CNC-Door-mounting-Kit/tree/main/3D%20Model/Drilling%20Jig



POSITIONING AND DRILLING

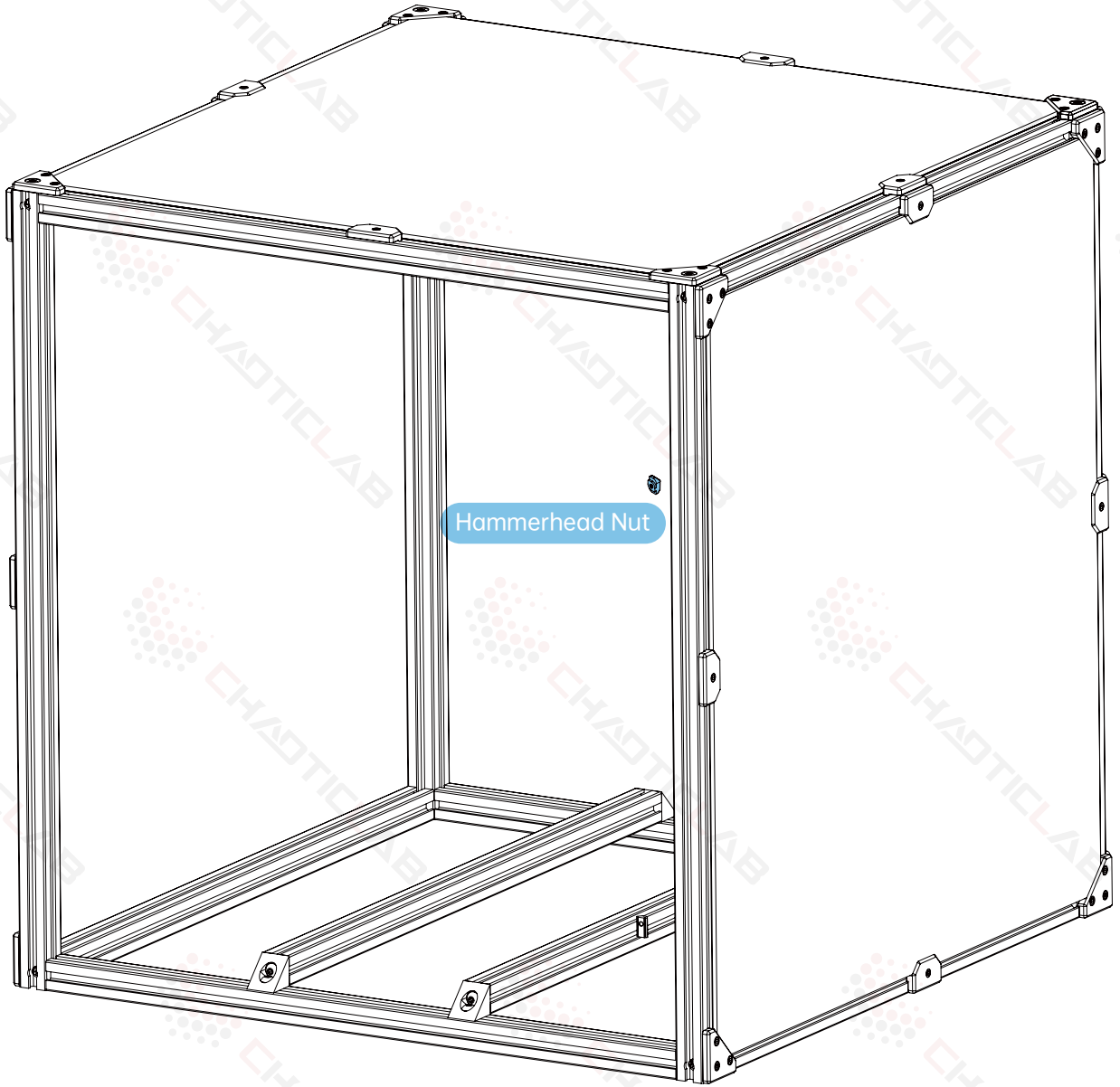
Our positioning tool is numbered to provide clear guidance. Place markers “1” and “2” on the acrylic door as shown in the diagram. For the tool without numbered markers, use a ruler to accurately position it according to the diagram on designated locations on the door, and then drill holes.

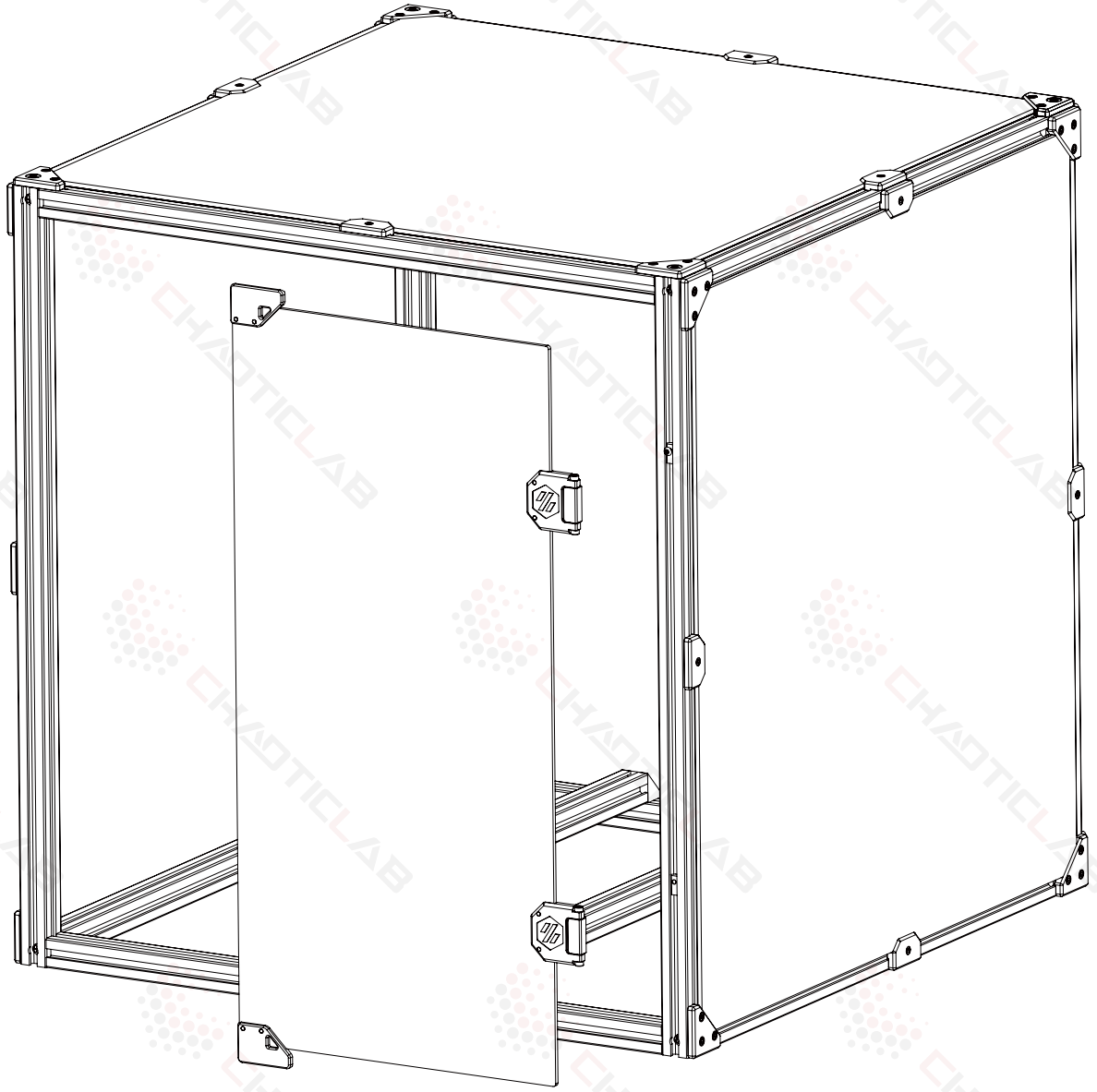


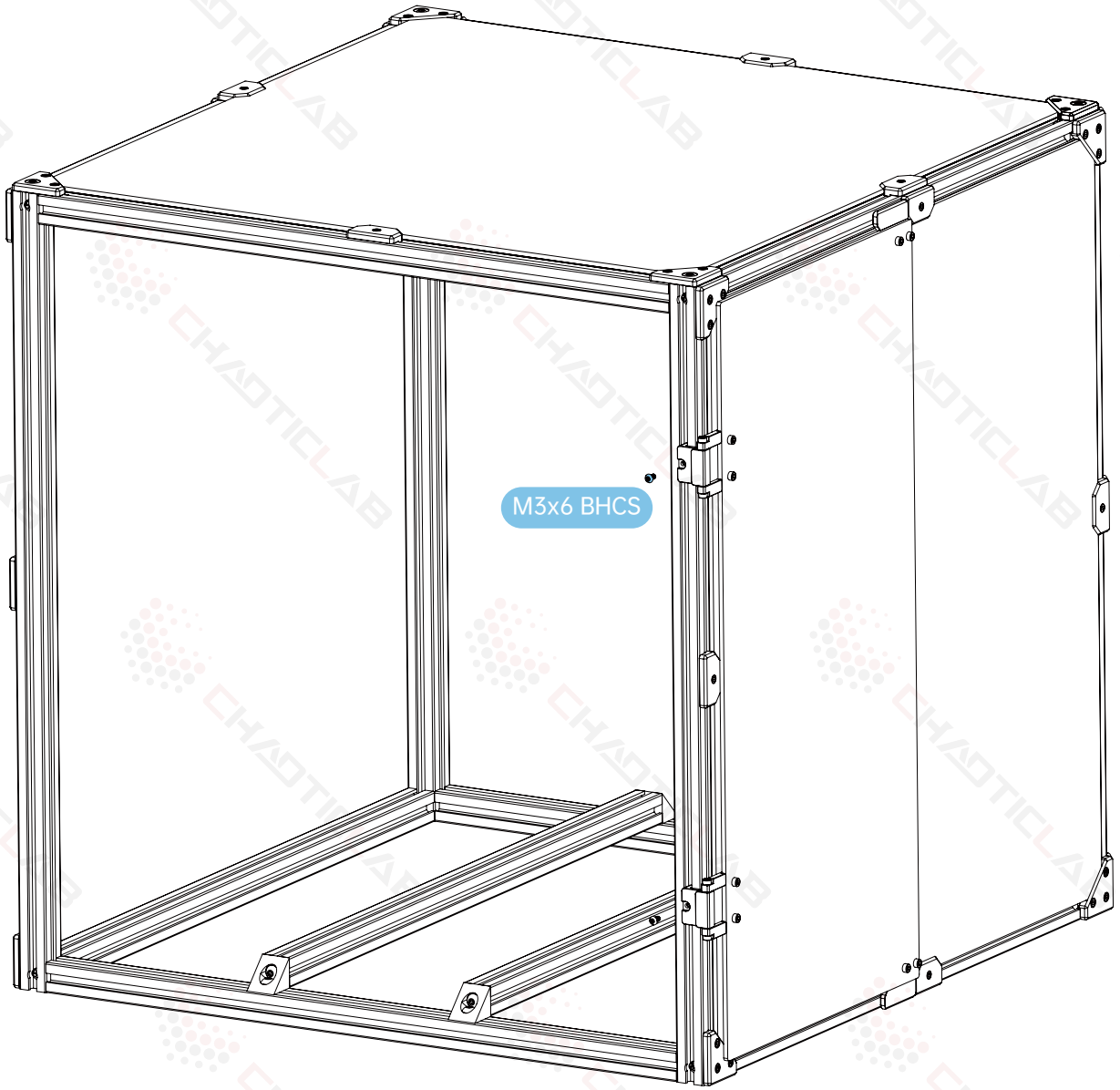


DOOR HANDLE POSITION

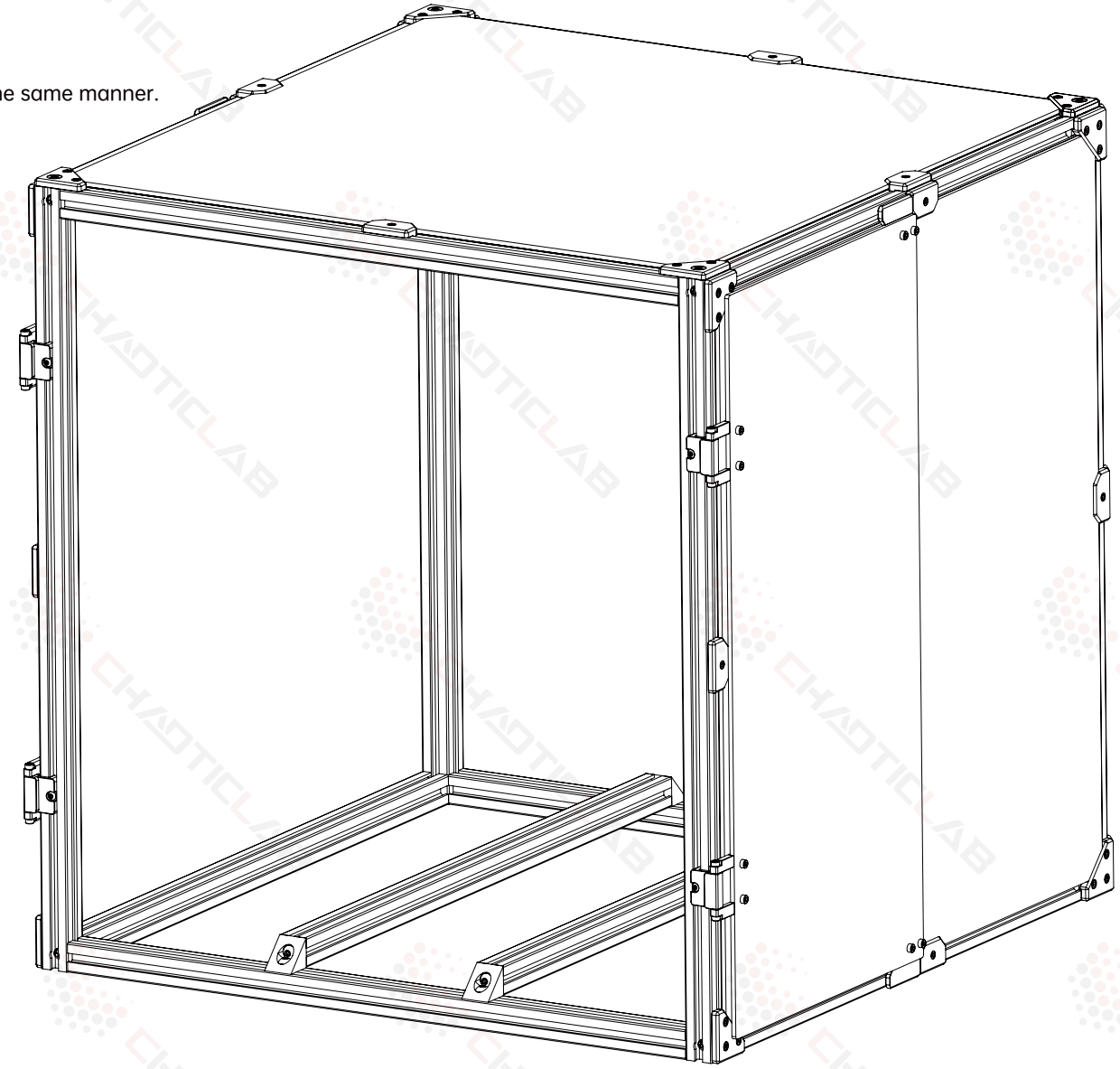
For your convenience, use this diagram as a guide on how to position the four door handles during installation.

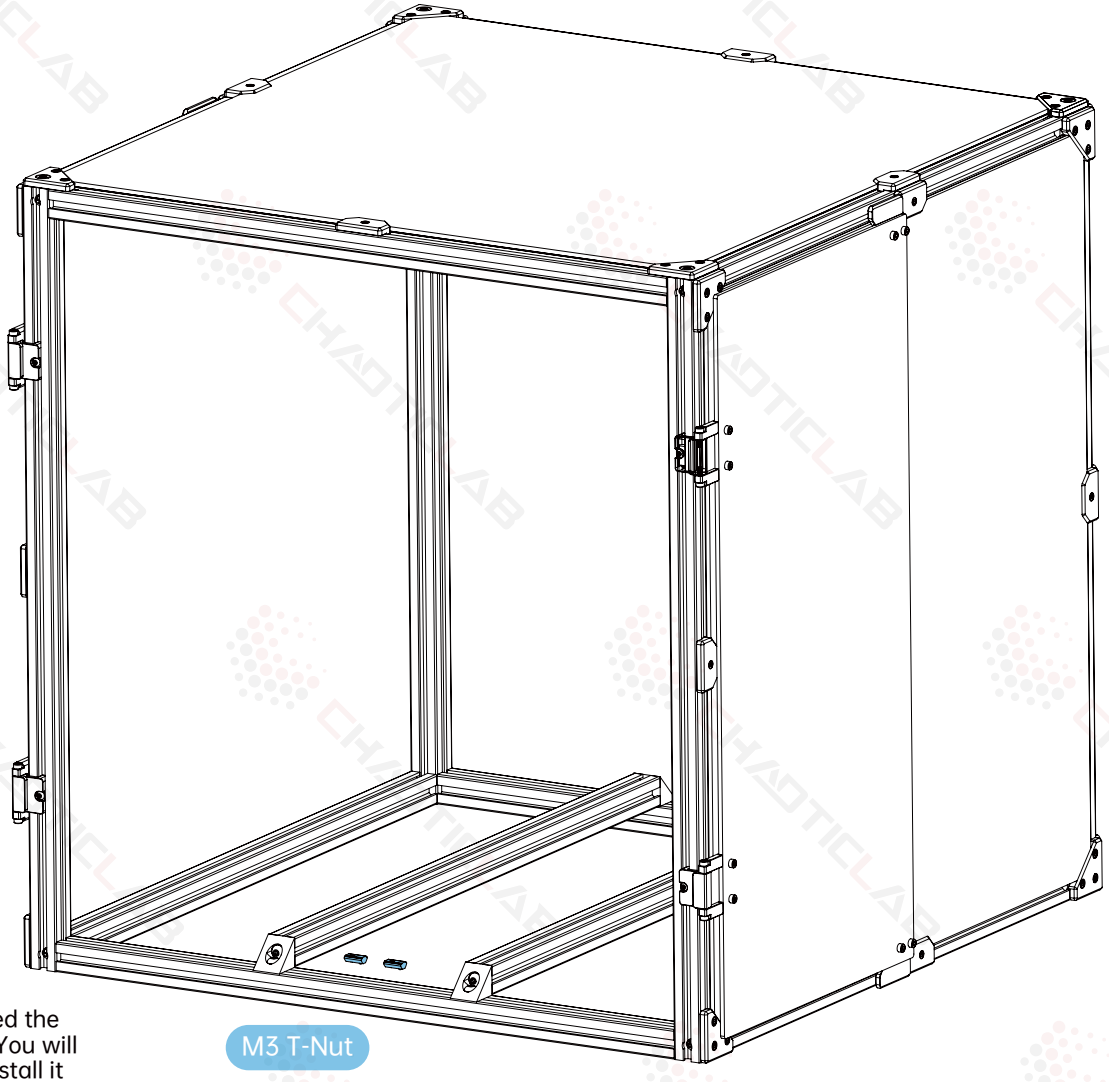

Hammerhead Nut




M3x6 BHCS

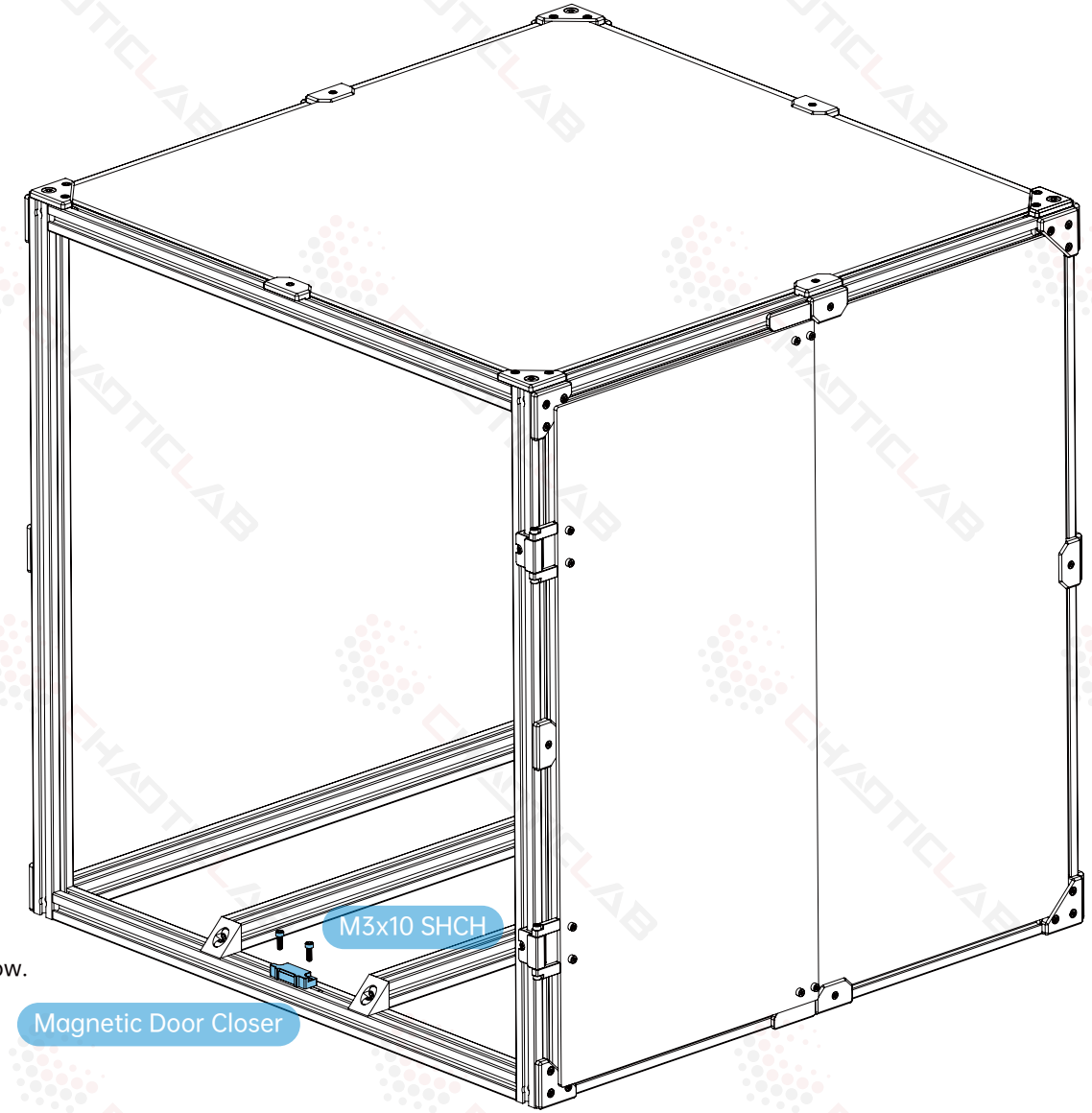
Install the other door in the same manner.





M3 T-NUT

When shipped, we have already installed the M3 T-Nut on the magnetic door closer. You will need to remove it manually and then install it on the profile.



DO NOT TIGHTEN

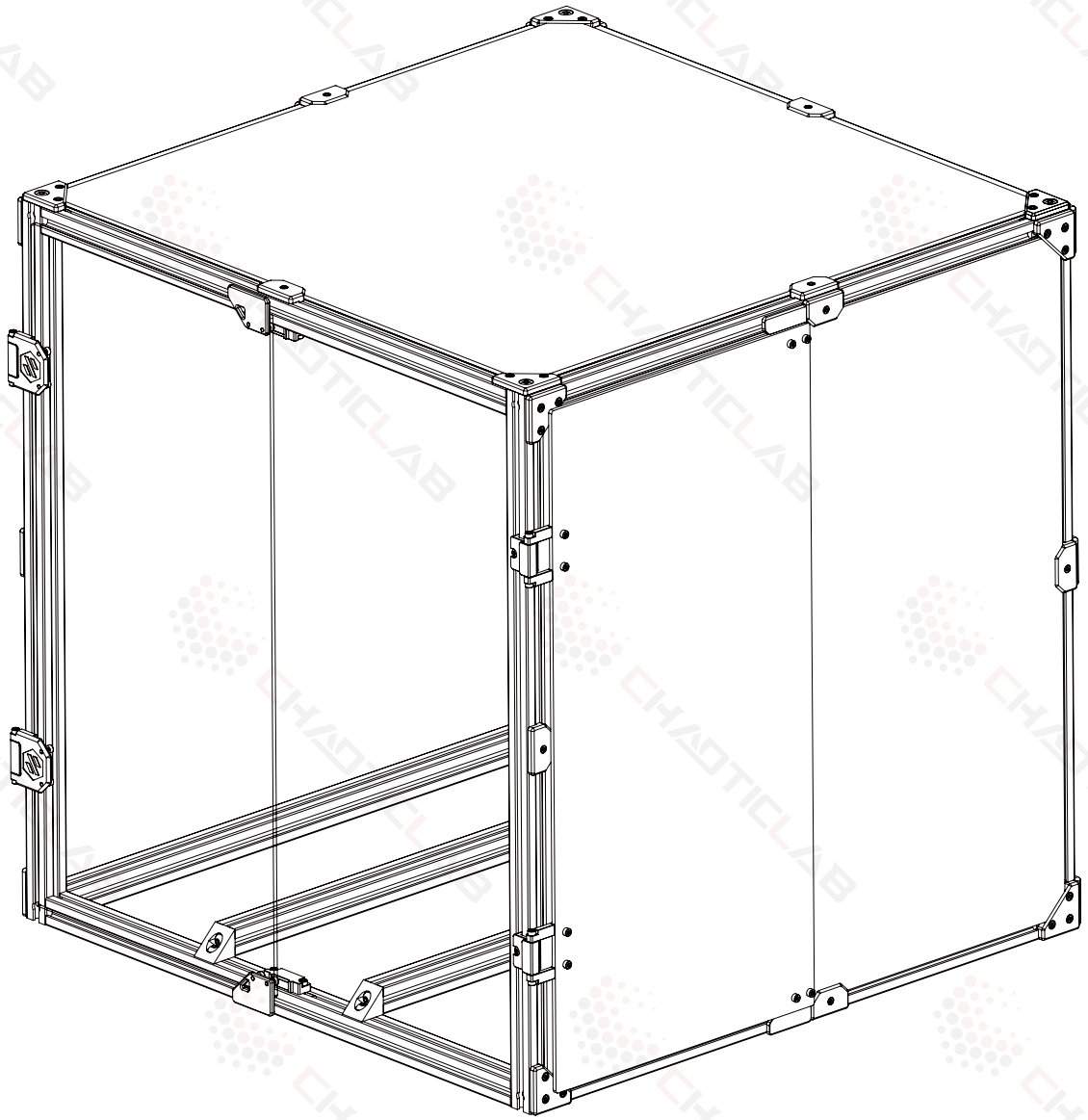
Leave the bolt loose for now.

INSTALL THE UPPER MAGNETIC DOOR CLOSER

Repeat the steps to install the upper magnetic door closer. Again, leave the bolts loose during this part.

ALIGNMENT

After installing both the upper and lower door closers, close one side of the door and adjust the door closer to center it. Once aligned, you can now tighten the screws on the door closer.



CHAOTICLAB

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