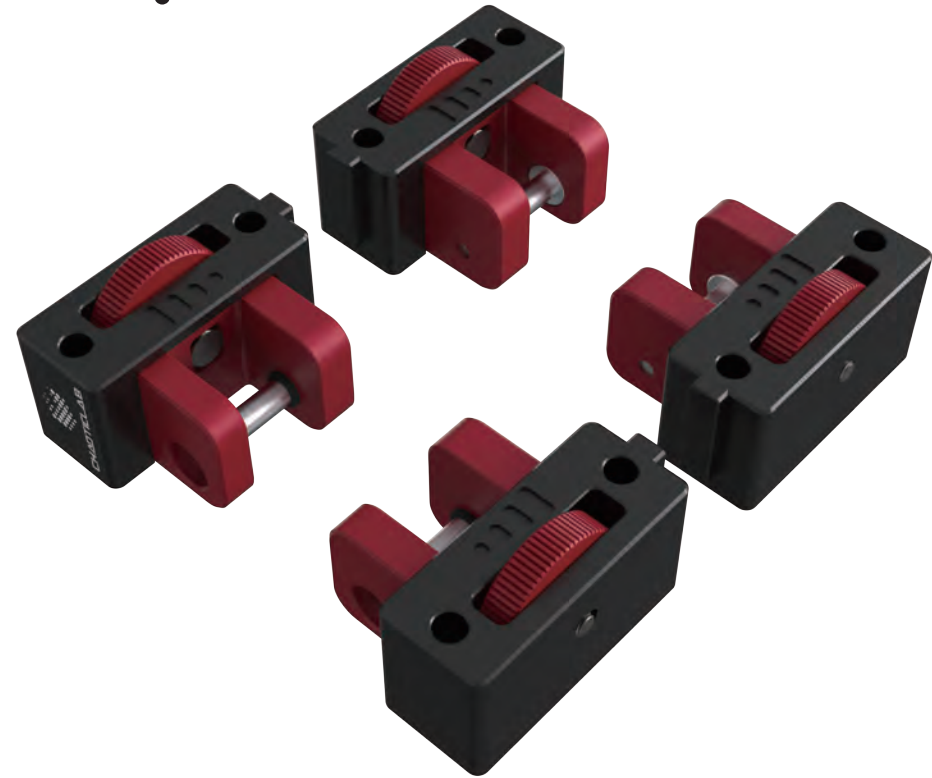




CHAITICLAB

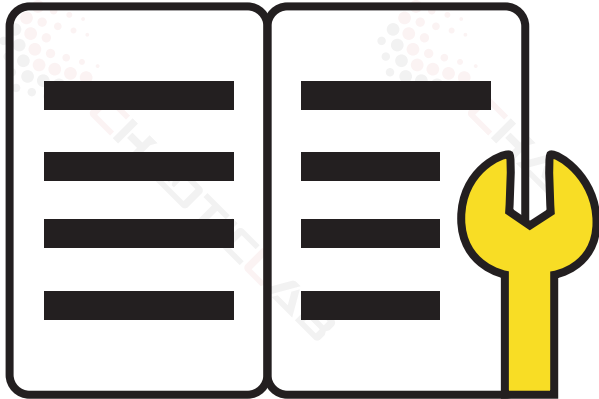


VORON 2.4 CNC TOOL-FREE TENSIONER FOR Z-AXIS BUILD GUIDE

VERSION 2024-03-25

READ BEFORE ASSEMBLY

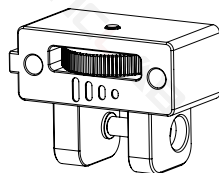
WWW.CHAOTICLAB.XYZ



- Parts highlighted in blue are included in this CNC Tool-free Tensioner Kit.
- Parts highlighted in red are NOT included and will need to be prepared separately.

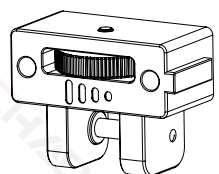
PACKING LIST

WWW.CHAOTICLAB.XYZ



TOOL-FREE TENSIONER FOR Z-AXIS ASSEMBLY

2 sets



TOOL-FREE TENSIONER FOR Z-AXIS MIRROR ASSEMBLY

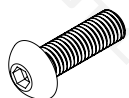
2 sets



M5X0.5MM SHIM

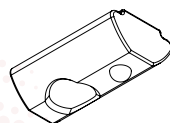
10 pcs

In the latest version of the VORON 2.4 CNC Parts Kit V2.0, the following new hardware have been added:



BUTTON HEAD CAP SCREW (BHCS)

M5x30 8 pcs

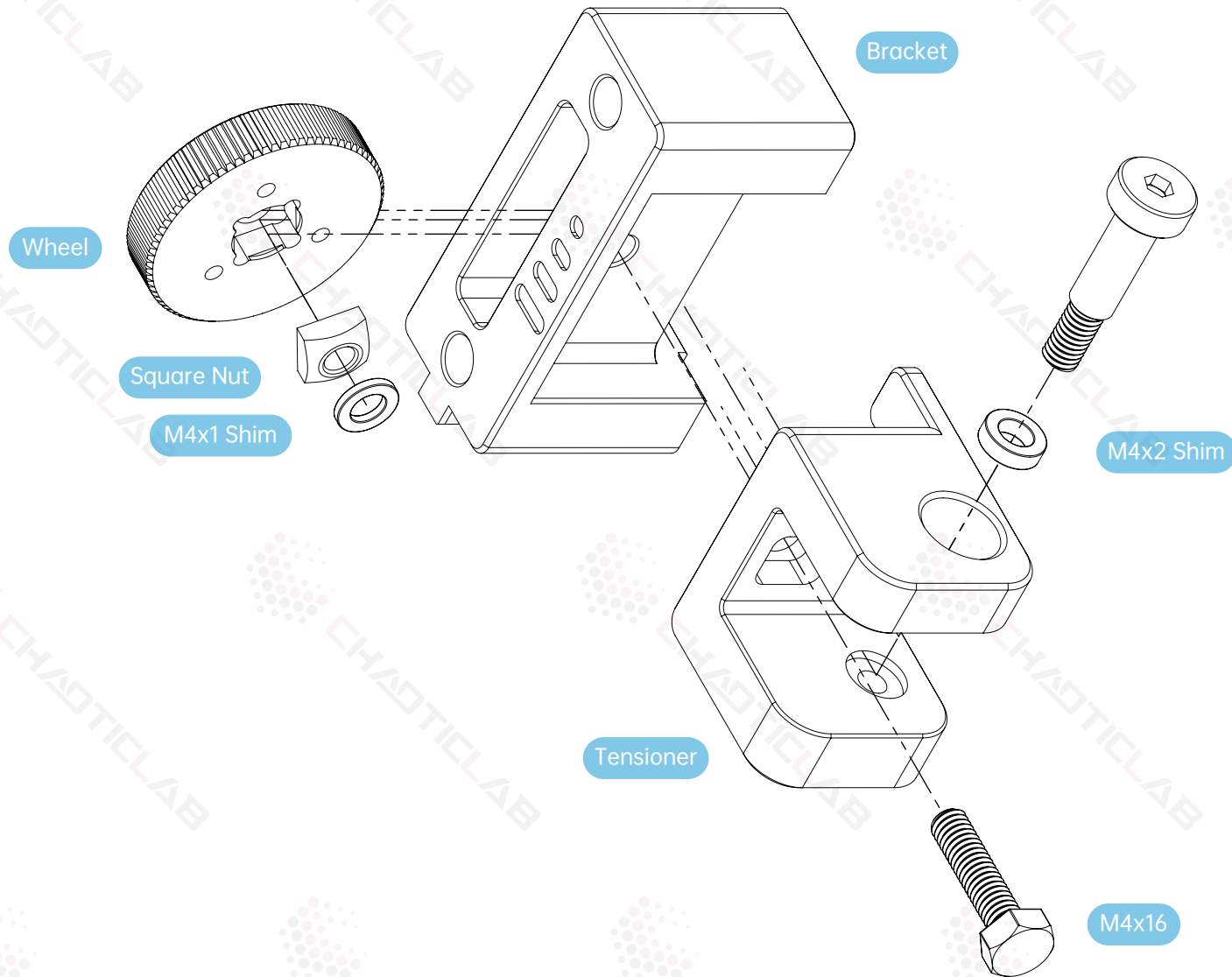


DROP-IN T-NUT

M5 8 pcs

EXPANDED VIEW

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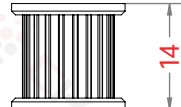
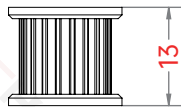


TOOL-FREE TENSIONER FOR Z-AXIS

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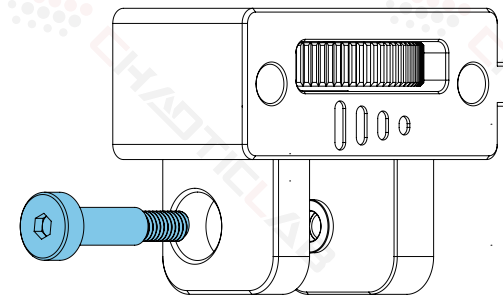
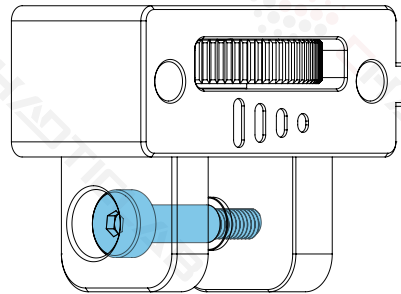
IDLER

The kit is compatible with 13mm and 14mm idlers.
Confirm the idler gear size before starting.



REMOVE THE SCREW

Remove the screw at the position shown in the figure below.

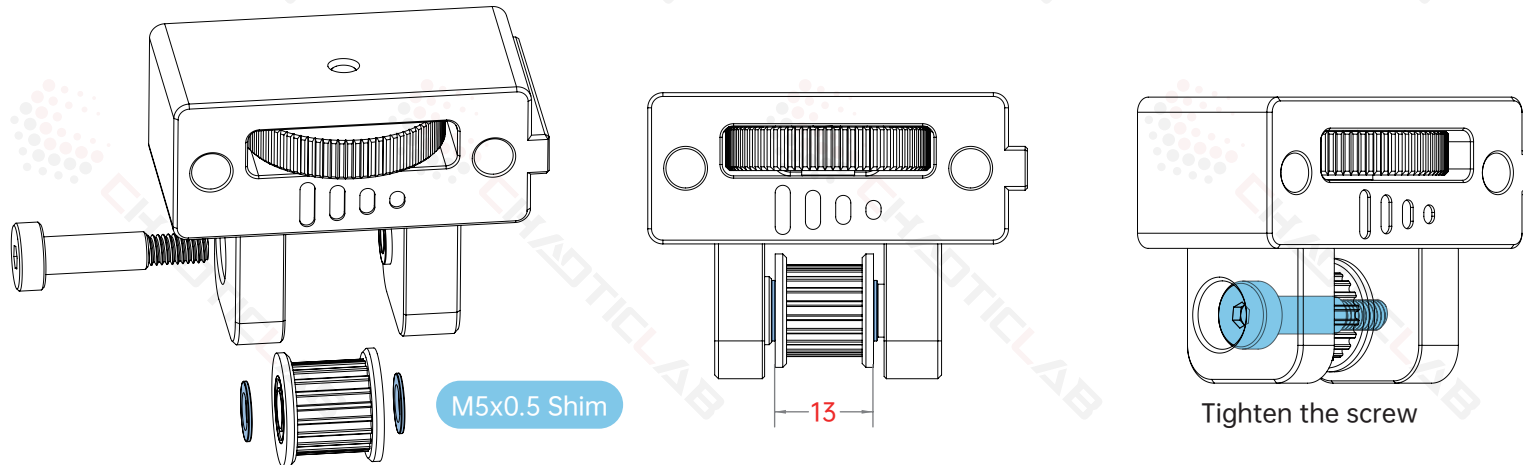


TOOL-FREE TENSIONER FOR Z-AXIS

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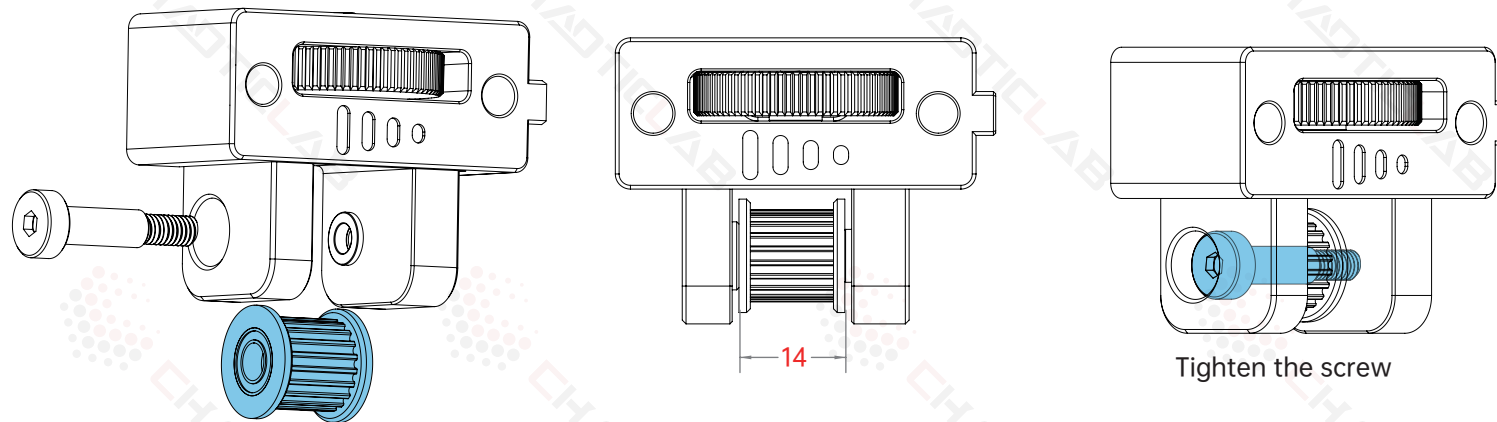
FOR 13MM IDLER

When using the 13mm idler gear, install the gear with the shims at both ends.



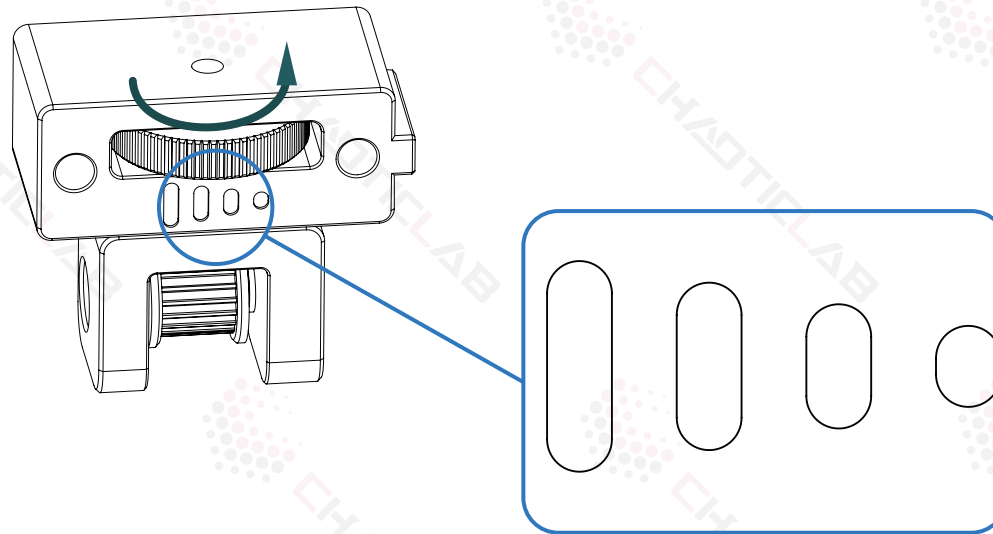
FOR 14MM IDLER

When using the 14mm idler, there is no need to add a shim.



TENSION ADJUSTMENT

Before installing the belt, rotate the thumbwheel to loosen the tensioner as shown in the figure below.

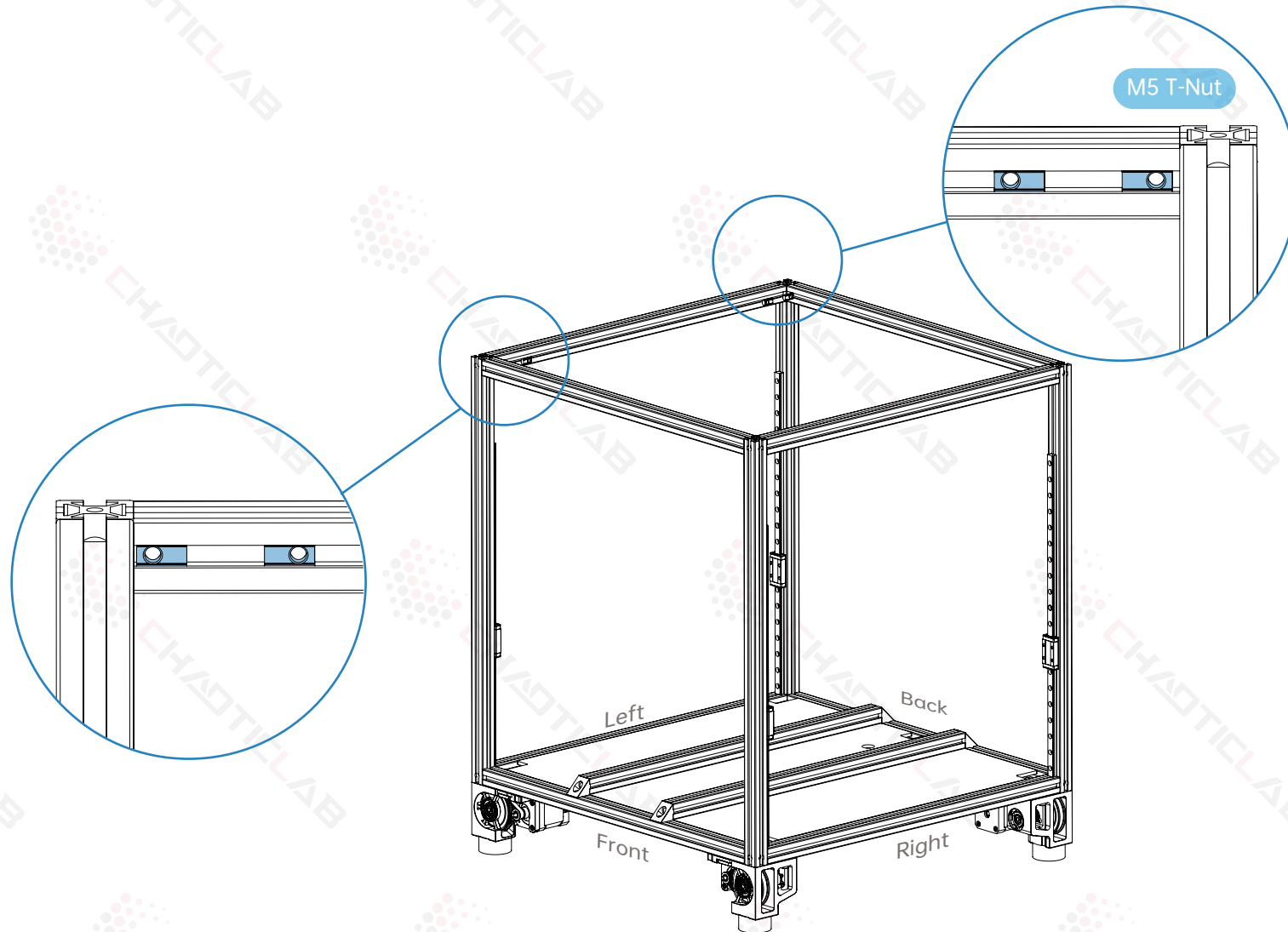


TIPS

The circular pattern indicates the degree of tightness. By rolling towards the smaller circle, you will loosen the tensioner.

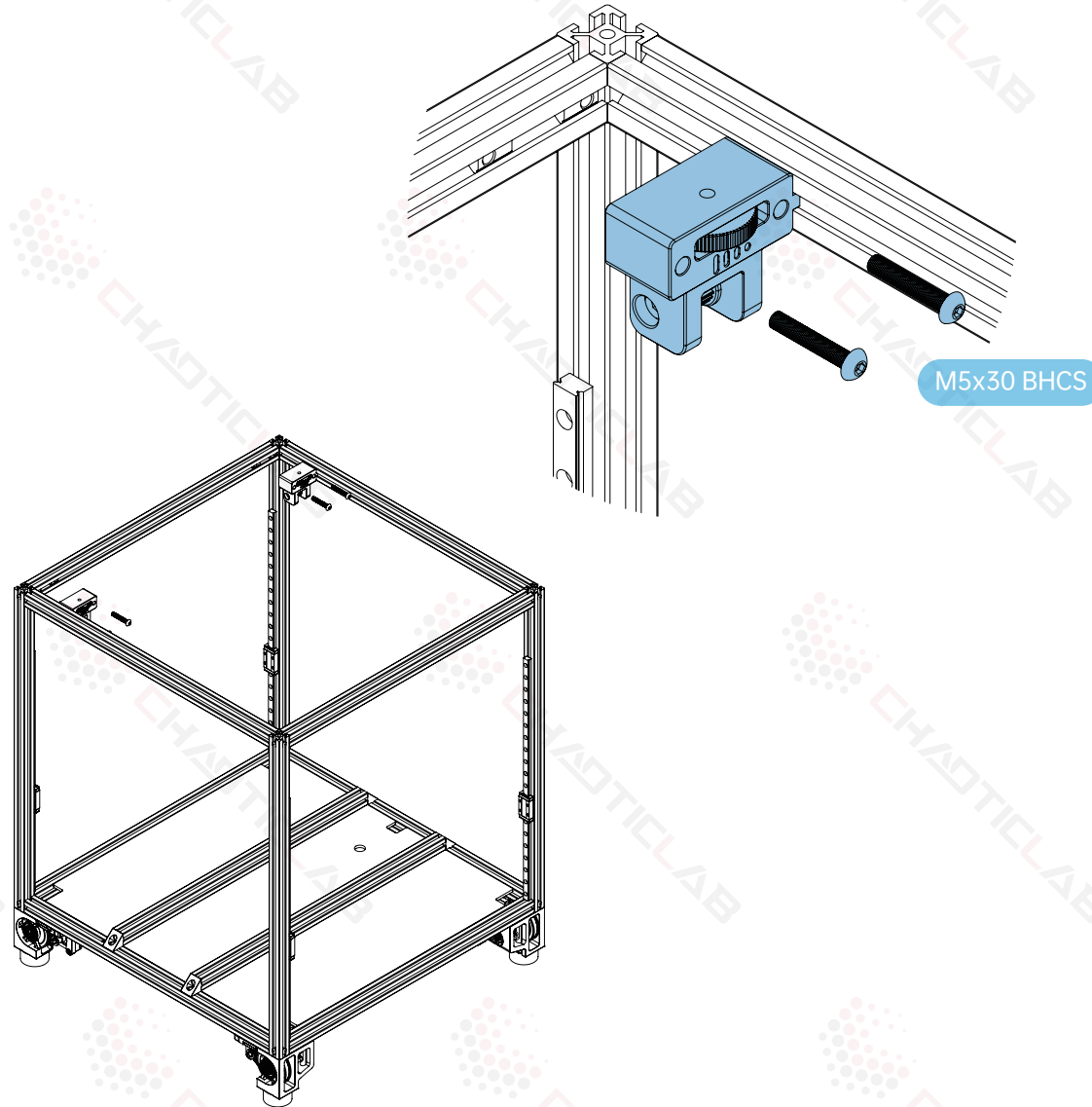
TOOL-FREE TENSIONER FOR Z AXIS

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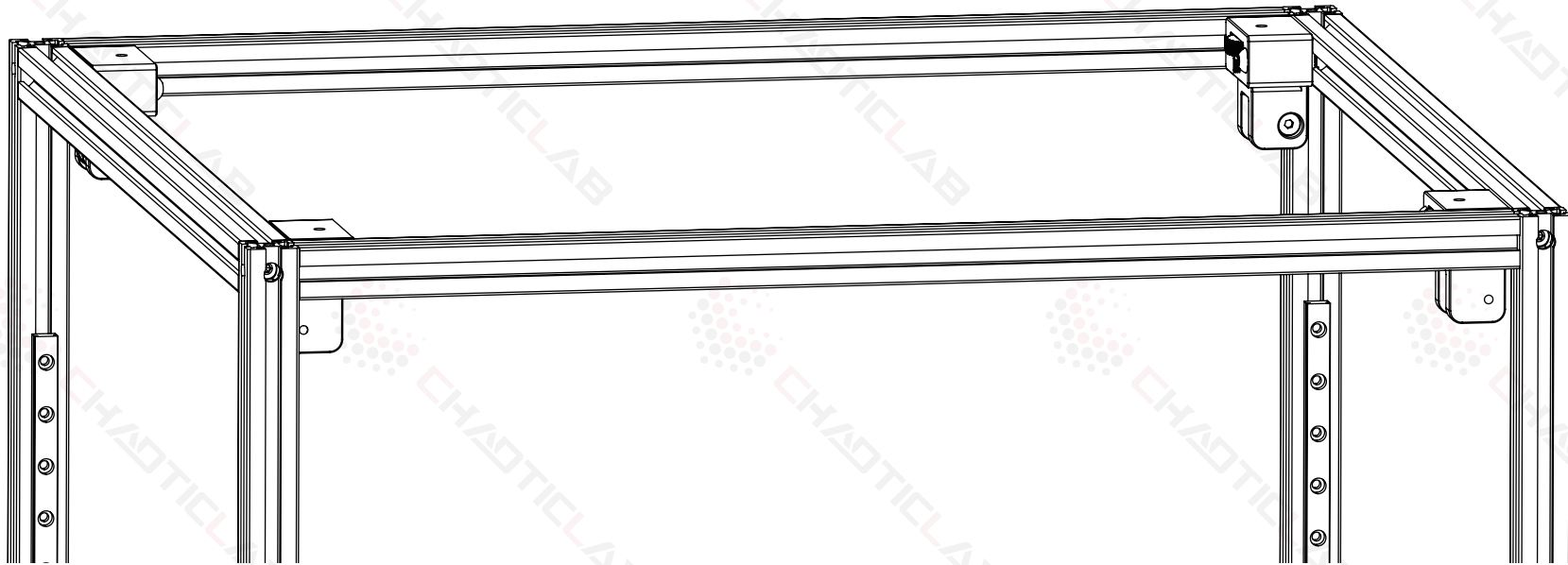


TOOL-FREE TENSIONER FOR Z AXIS

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Repeat the process to install two more tensioners on the opposite extrusion as shown.





CHAOTICLAB

Website
www.chaoticlab.xyz

GitHub
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Discord
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