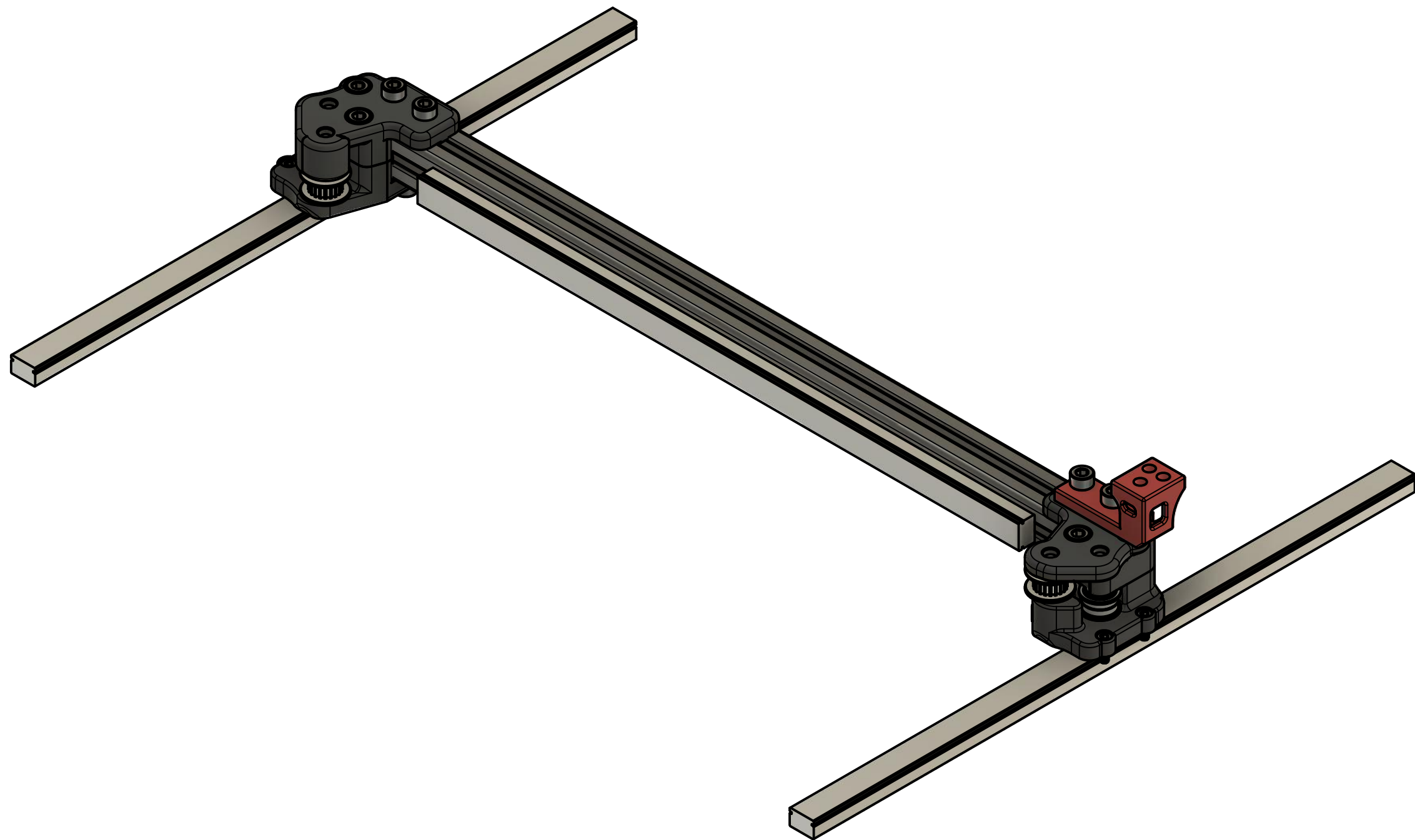


X Joint Assembly

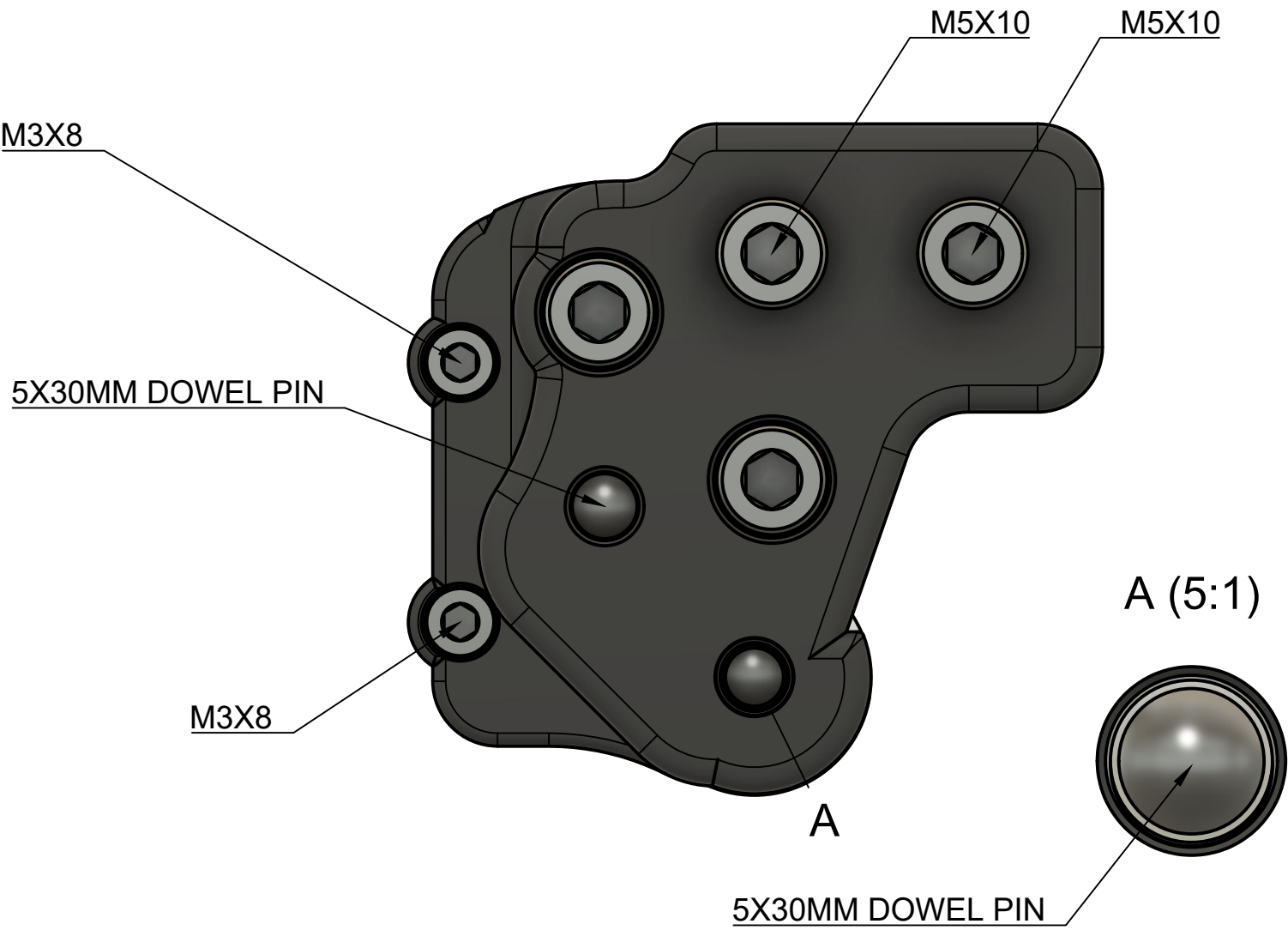
Hardware and extra info on last page



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Top view

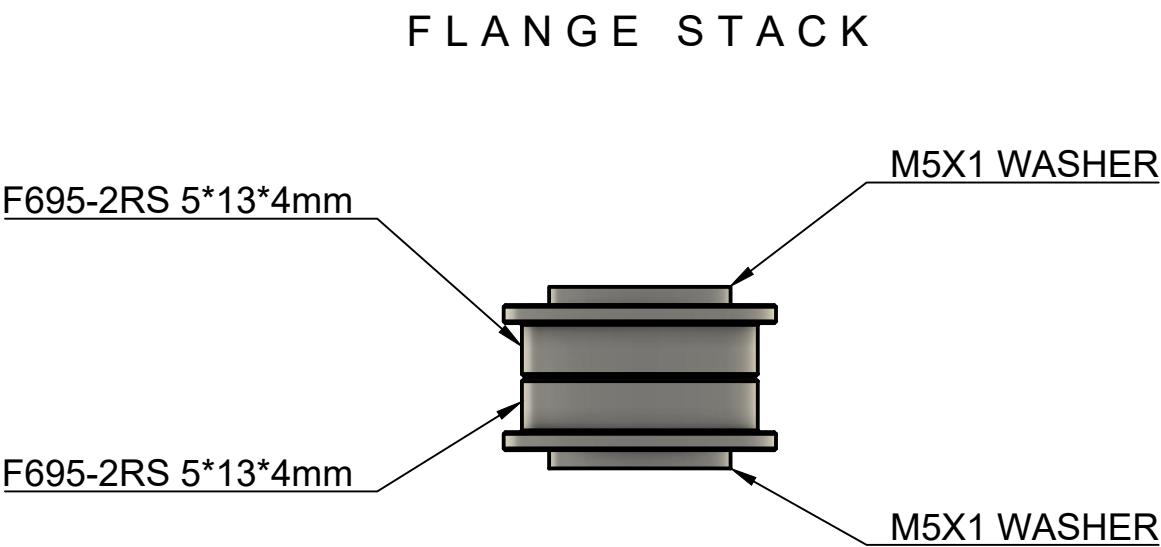
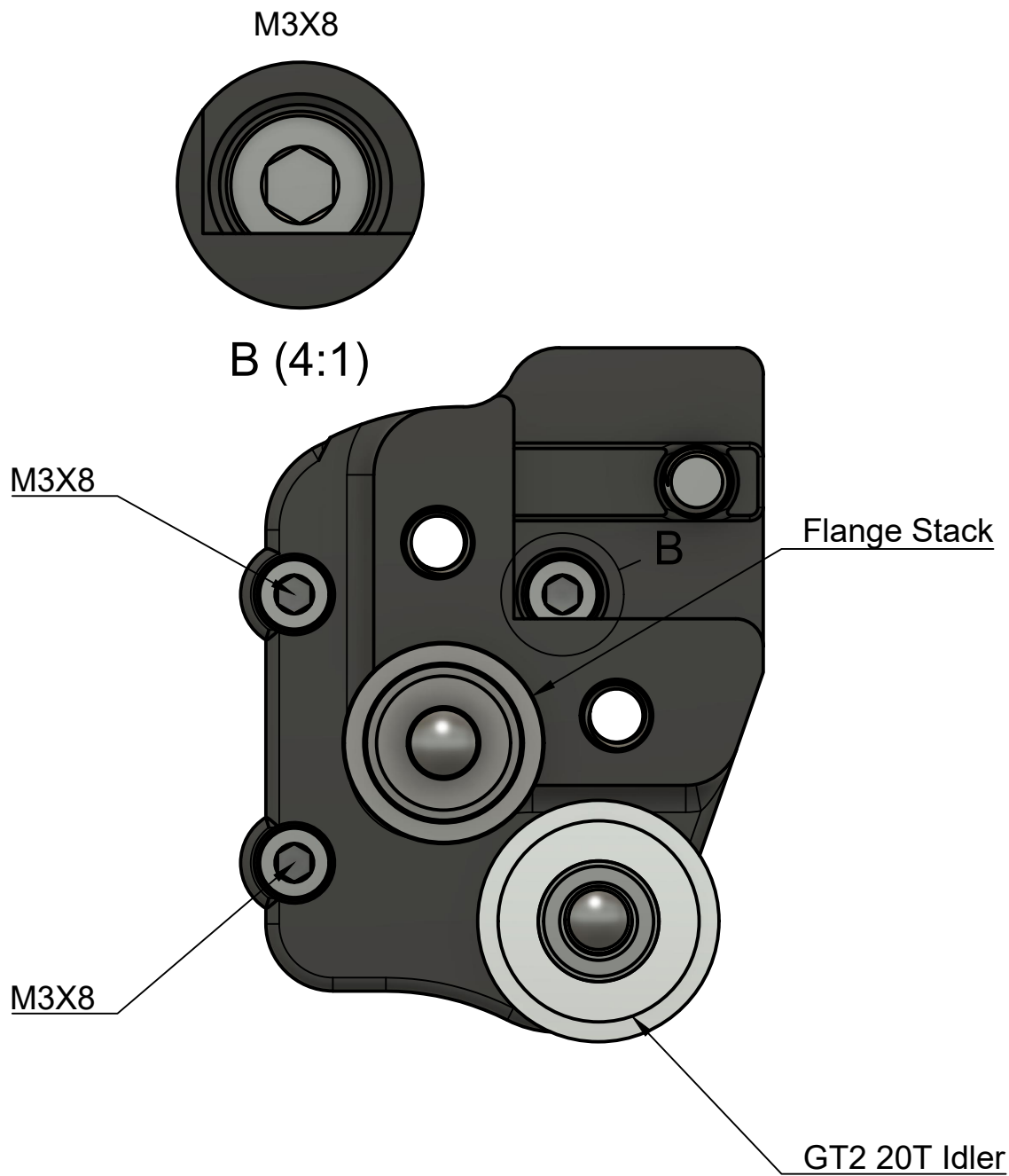
Hardware and extra info on last page



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Top view

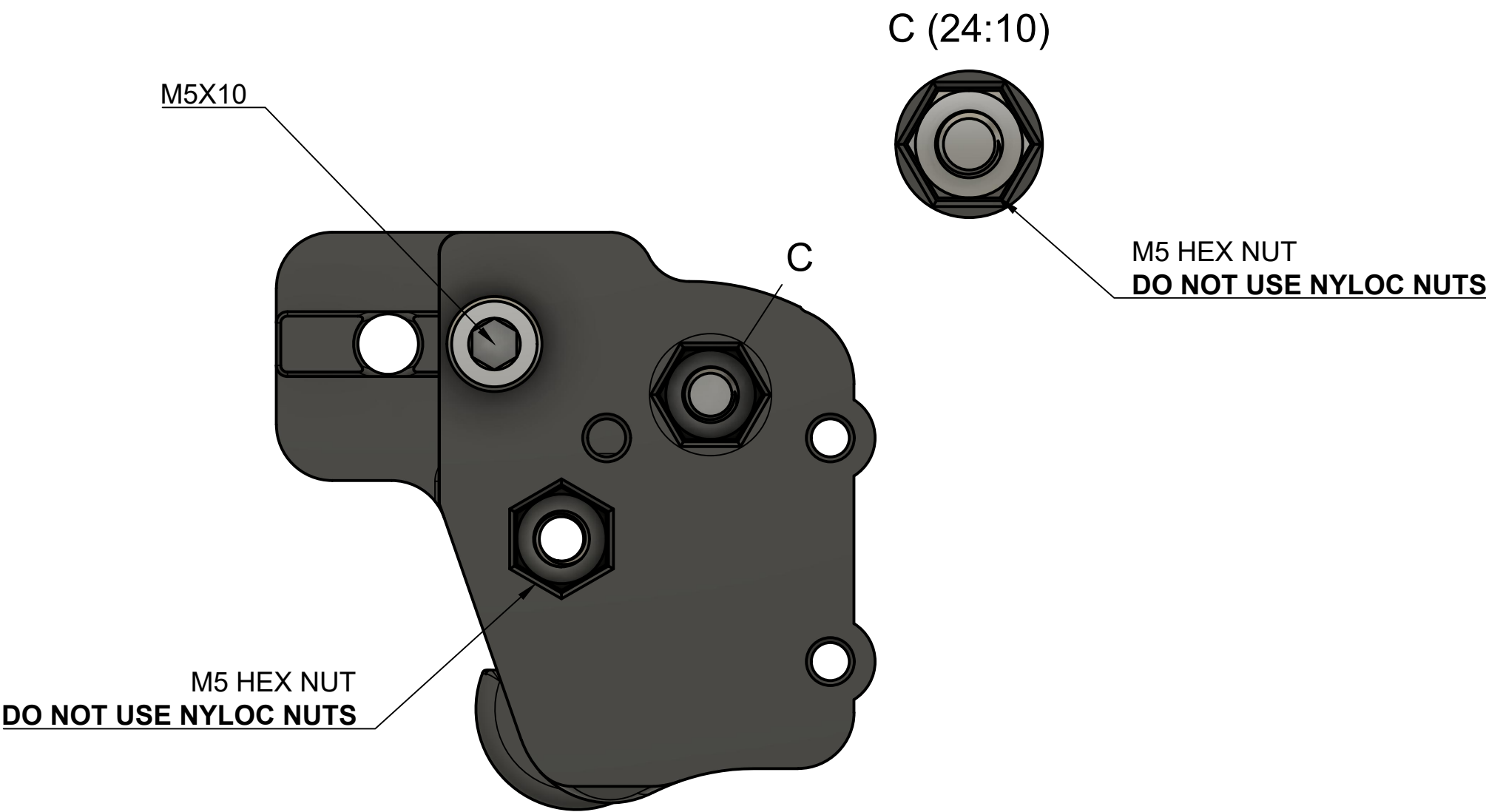
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Bottom View

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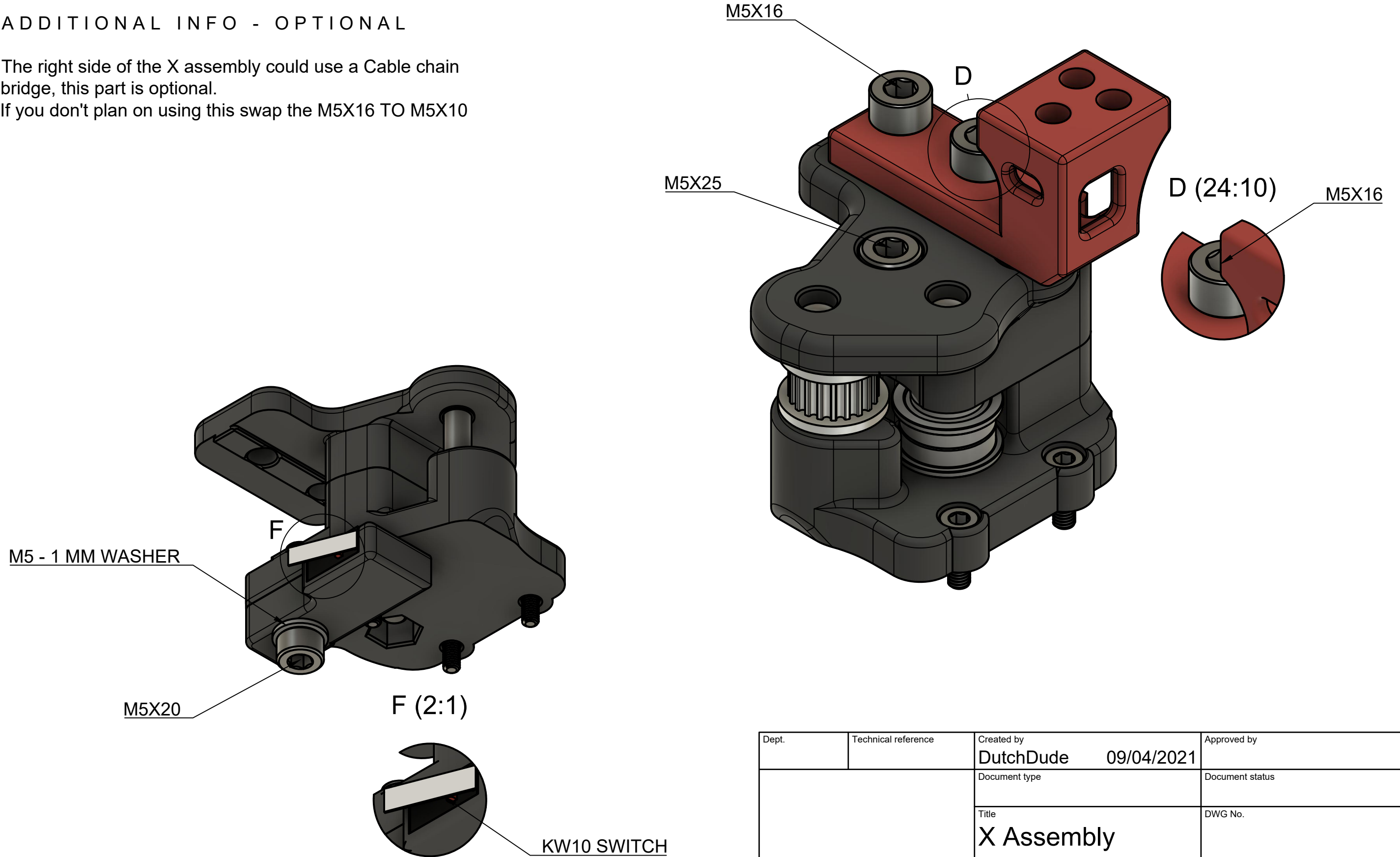
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Right side + X Endstop

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ADDITIONAL INFO - OPTIONAL

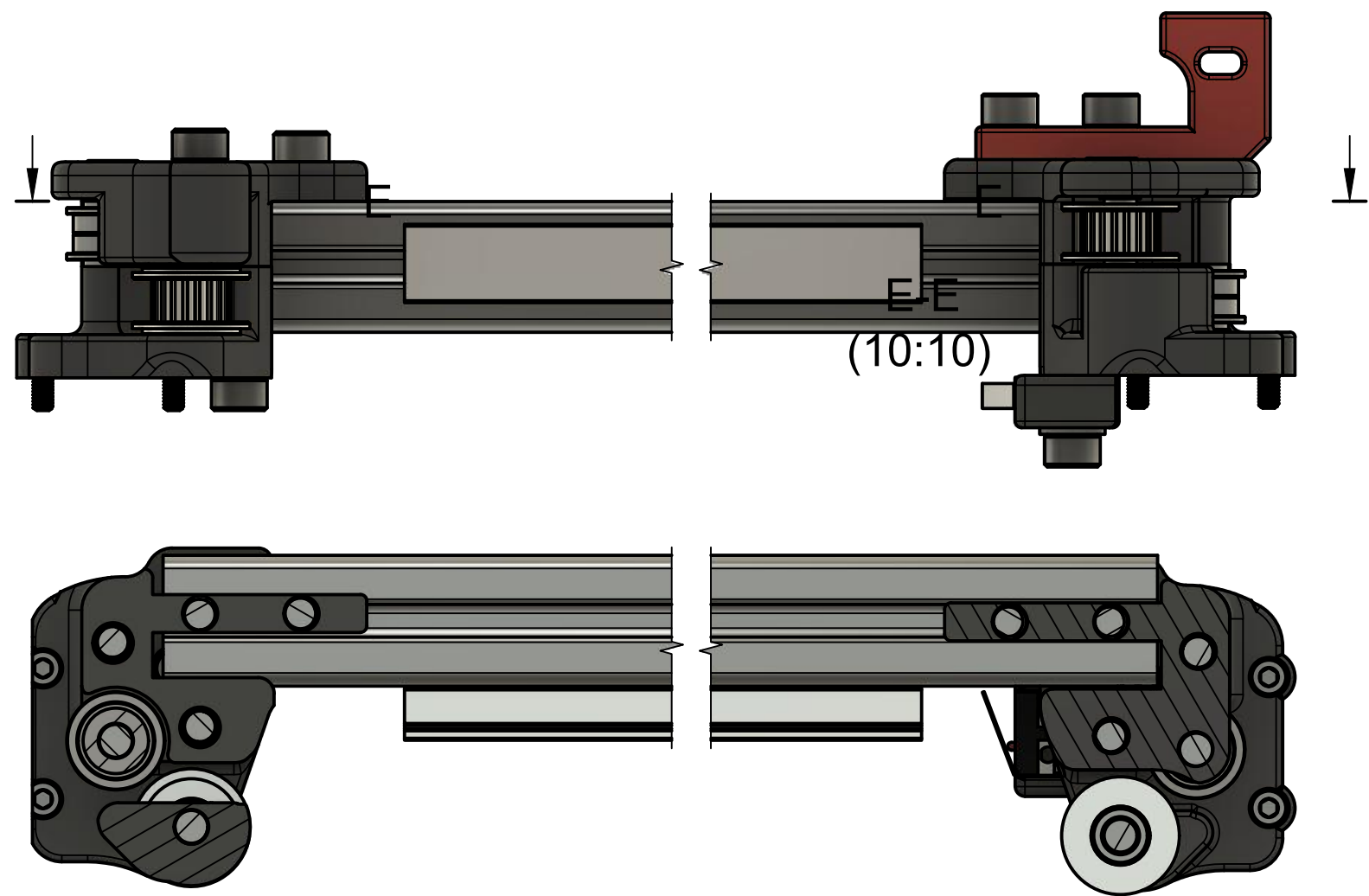
The right side of the X assembly could use a Cable chain bridge, this part is optional.
If you don't plan on using this swap the M5X16 TO M5X10



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Cross section extruder

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H A R D W A R E

- 3 - M3X8 (FOR MGN12H RAILBLOCK)
- 4 - M5X25 BOLTS (FOR HEX NUTS)
- 5 - M5X10 (FOR EXTRUSION READ OPTIONAL)
- 2 - M5X16 (FOR CABLE CHAIN BRIDGE)(OPTIONAL, NO? = M5X10)
- 1 - M5X20 (FOR X ENDSTOP)
- 4 - M5 HEX NUTS
- 6 - M5 T-NUTS (FOR EXTRUSION)
- 4 - M5X30 Dowel Pins
- 5 - M5 1MM SPACER (BETWEEN FLANGE BEARINGS + ENDSTOP)
- 4 - F695-2RS 5*13*4mm (FLANGE BEARING)
- 2 - GT2 20T Idler
- 1 - KW10 ENDSTOP

EXTRA INFO

The cable chain mount is optional. Don't want to use the Cable Chain Mount > Swap the 2 M5X16 for M5X10.

Don't want to use an X endstop? Swap the MX20 FOR M5X10.

Sometimes dowell pins don't fit perfectly. To fix this issue you'll need a drill that fits the dowell pin and then using sandpaper, sand them down a little at a time testing fitting until they are a snug fit.

O P T I O N A L

Sometimes the M3X8 bolts for the MGN12H railblock are too short, if this is the case use M3X10.

Discord:
<https://discord.com/invite/gzJP2s8>

X Joints are inspired by VORON DESIGN

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