

Voron Trident Support



Exerqtor

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Summary

Support arm for the PTFE / reverse bowden on a VT/V1, helps keeping the tube in check.

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Trident PTFE support

Since it's little space above the gantry in a Trident the bowden tube gets tangled up at times (esp in a 350mm). This helps guide the tube out and around the chamber as the gantry moves around.

Bom:

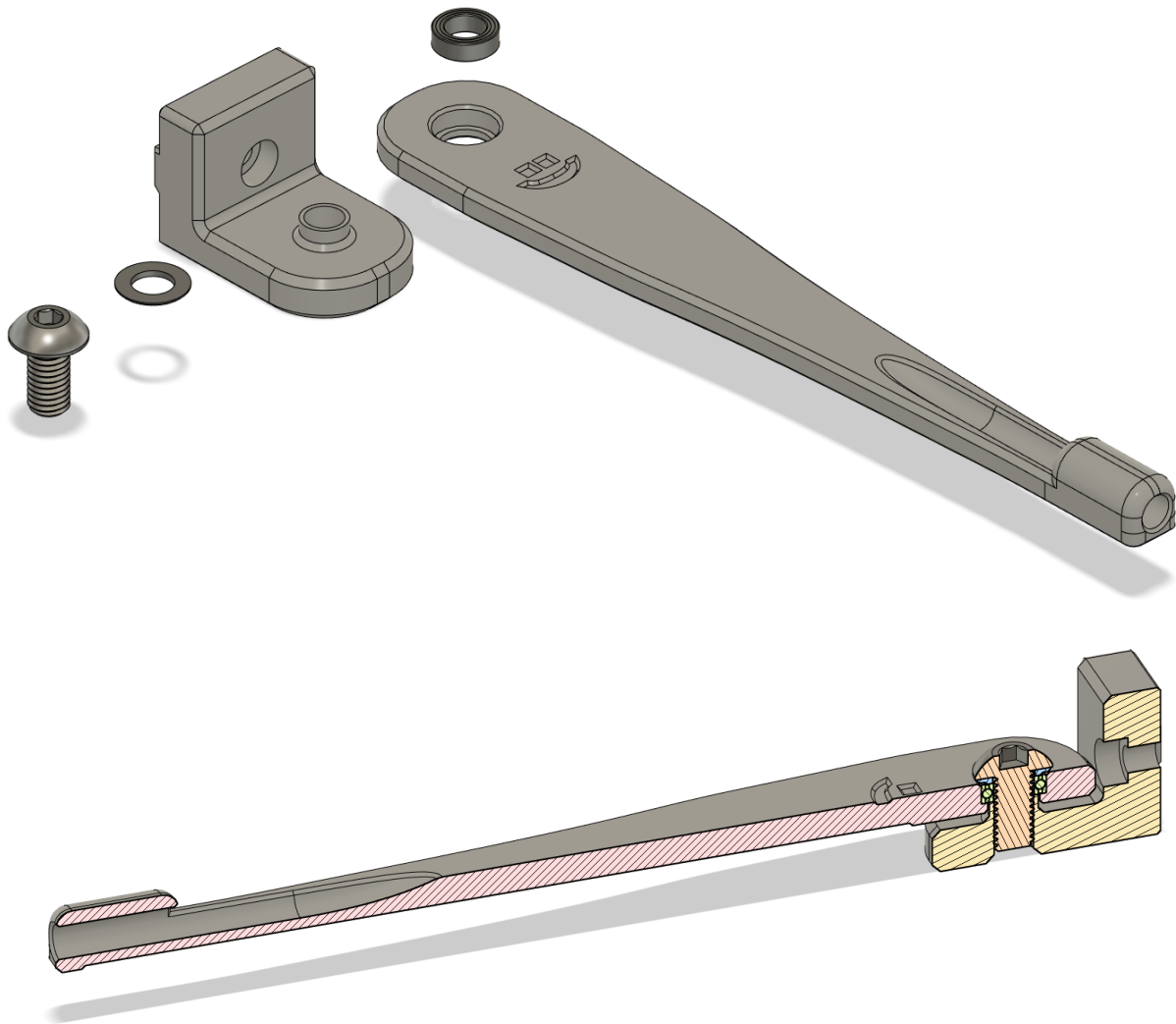
- 1x M3x8 Bolt and M3 T-nut
- 1x M3 T-nut
- 1x M5x10 BHCS
- 1x MR85 bearing

Description:

- Added a gearing at the pivot to make for smoother movement.
- Redid the PTFE path on the arm pluss widened the whole a little bit so the PTFE tube won't get squished.

- Added a flutes / design on the guide arm, mostly for looks (but it might help stiffen it a tiny bit too lol).

Pictures:



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In case I forget to upload any eventual updates i make to the design to Printables, the latest released version should always be available on [my github!](#)

This remix is based on

GalvanicGlaze/
Voron_Mods



**Voron_Mods/Trident Bowden tube PTFE guide at main ·
GalvanicGlaze/Voron_Mods**

Model files



spacer.stl



mount.stl



arm-fluted.stl



arm-pattern.stl



arm-plain.stl

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