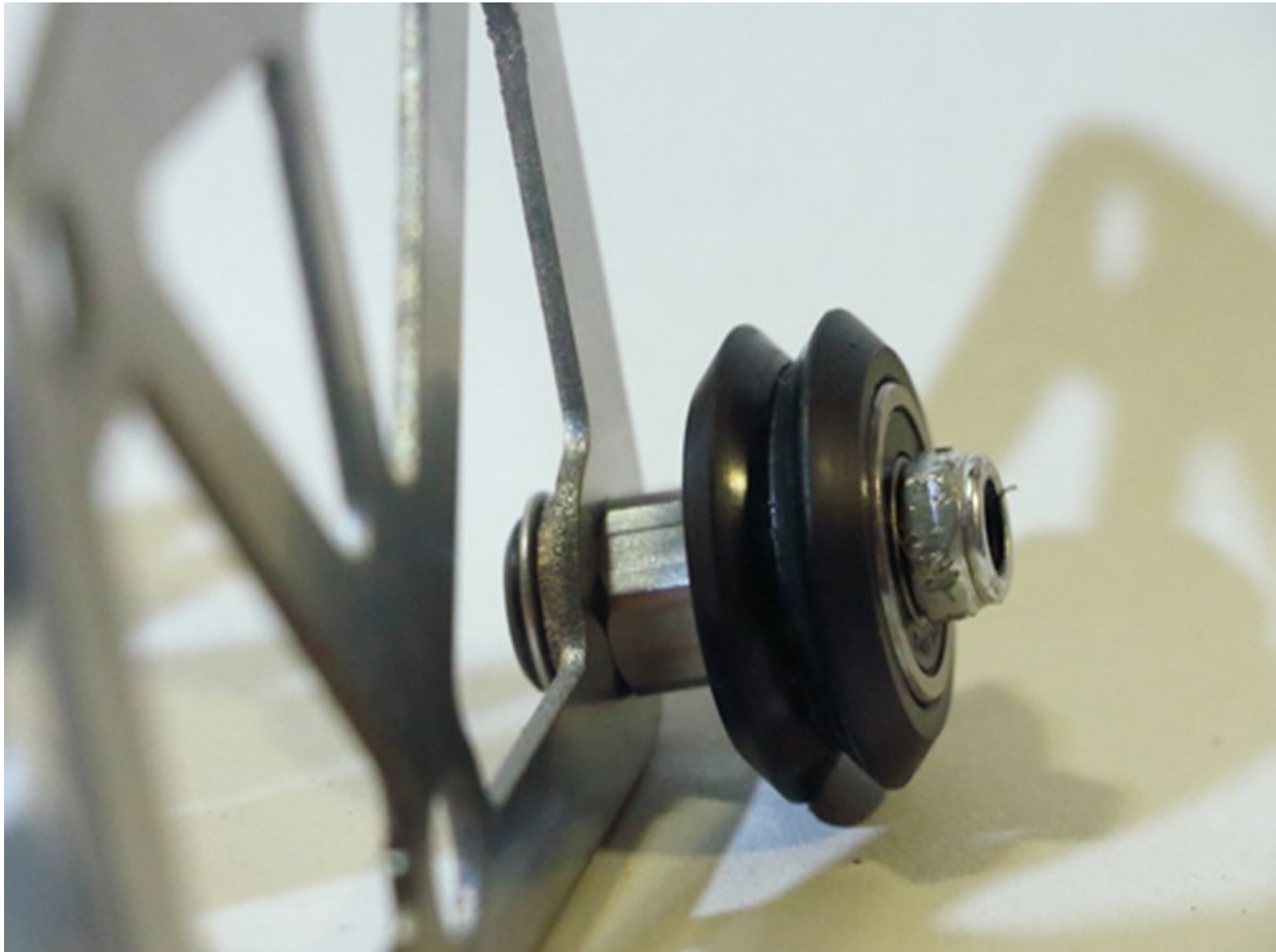


Maker's Tool Works

V Slot Wheel Assembly & Adjustments

Building and adjustment of the V slot wheels used on MTW printers.

Written By: Micro

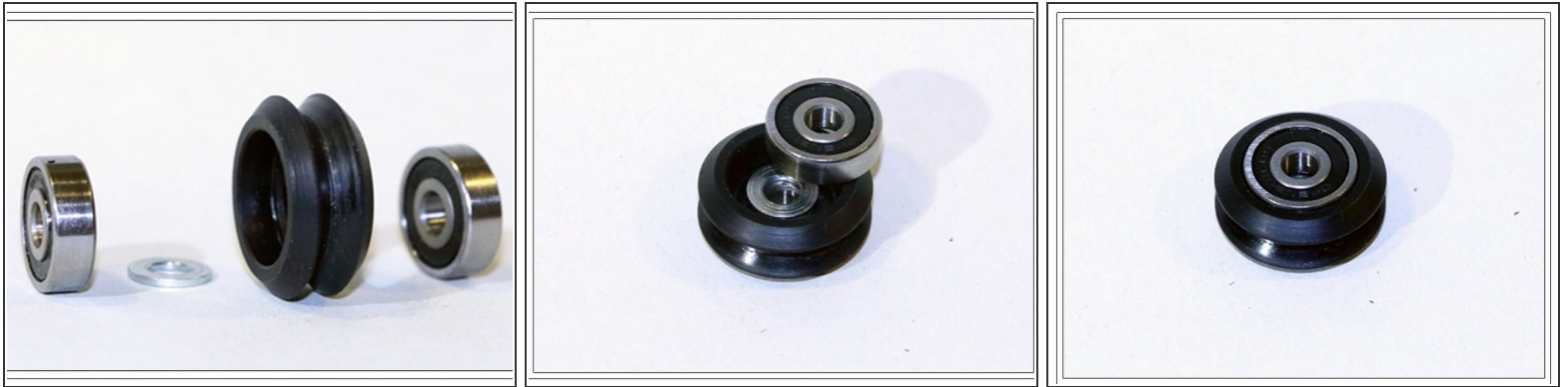


Step 1 — Getting Started



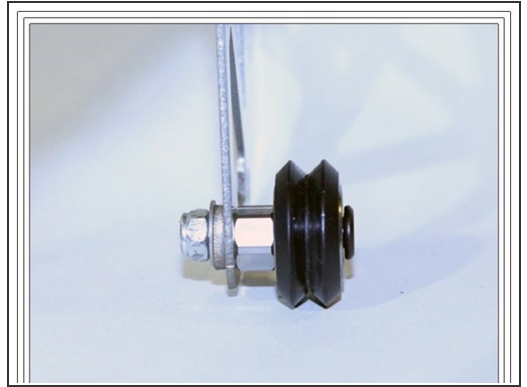
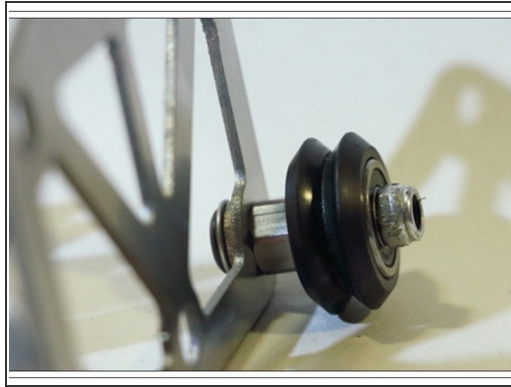
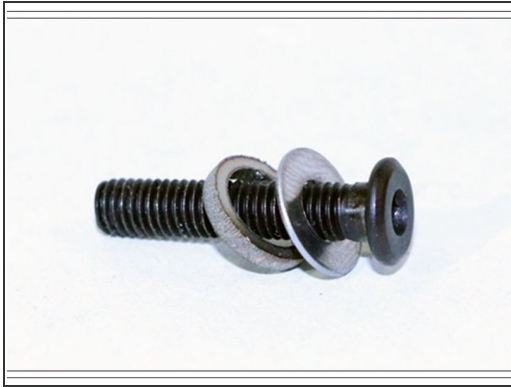
- Some pointers on assembling the V_Wheels here: <https://www.youtube.com/watch?x-yt-ts=14...>
- Note: In that video he talks about a divot on the eccentric spacer. Unfortunately, the eccentrics no longer have that feature.
- Some pictures for this guide are available here: <https://www.dropbox.com/s/mgl5wes11hiu33...>

Step 2 — Wheel Assembly



- The wheel assembly order is bearing, wheel, insert washer, bearing.
- Use a table and something hard to press it together.

Step 3



- The eccentrics use a regular and special washer on the plate side.
- The eccentrics fit in the larger plate hole. Wheels using spacers do not use any washers.
- The X and Y wheels mount with the nut against the wheel as shown in the second picture.
- The Z Wheels mount with the screw head against the wheel as shown in the third picture.
- Return to [MendelMax 3 Build Guide](#)