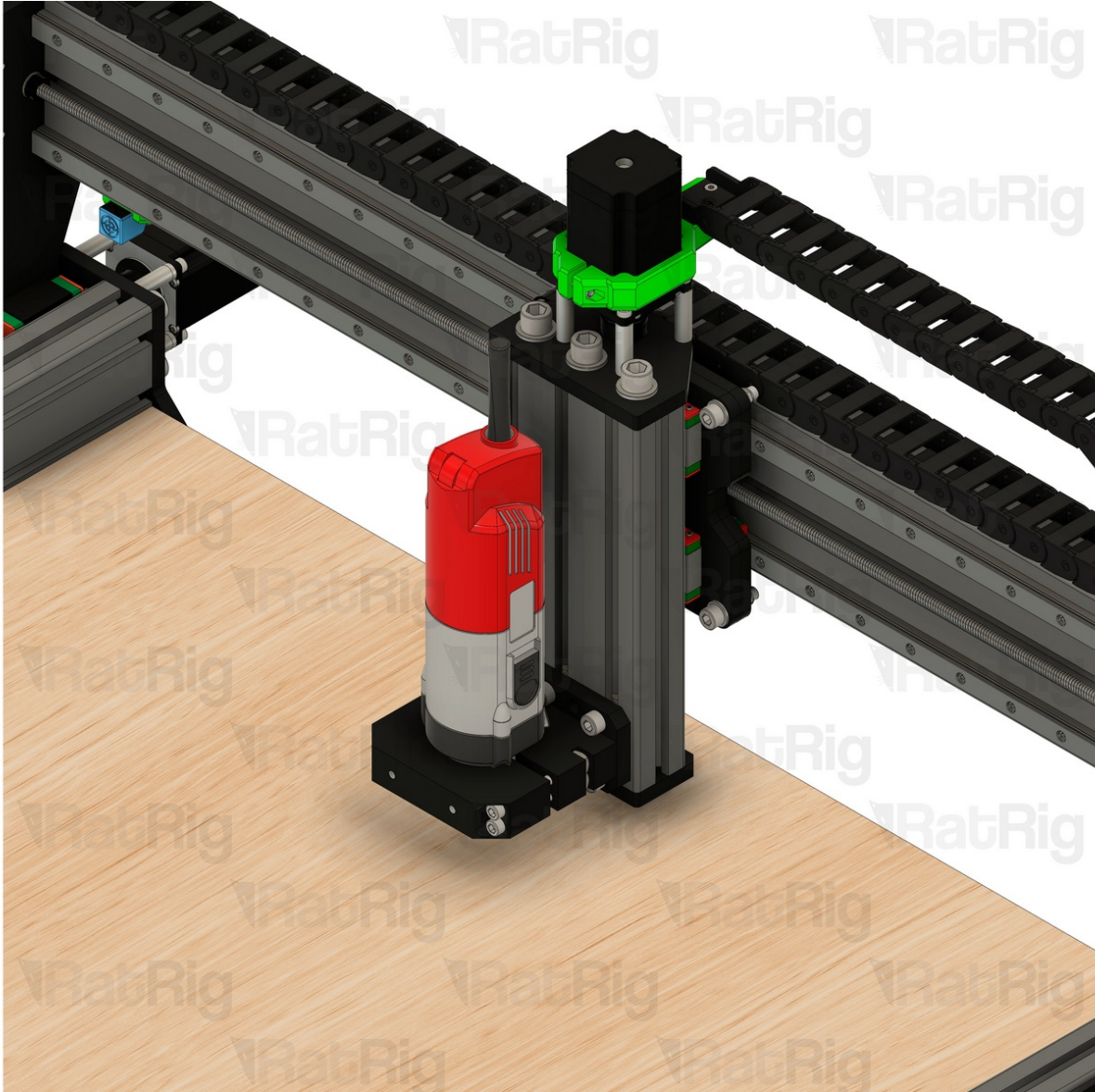


# Rat Rig

## 06. Spindle Mount & Spindle

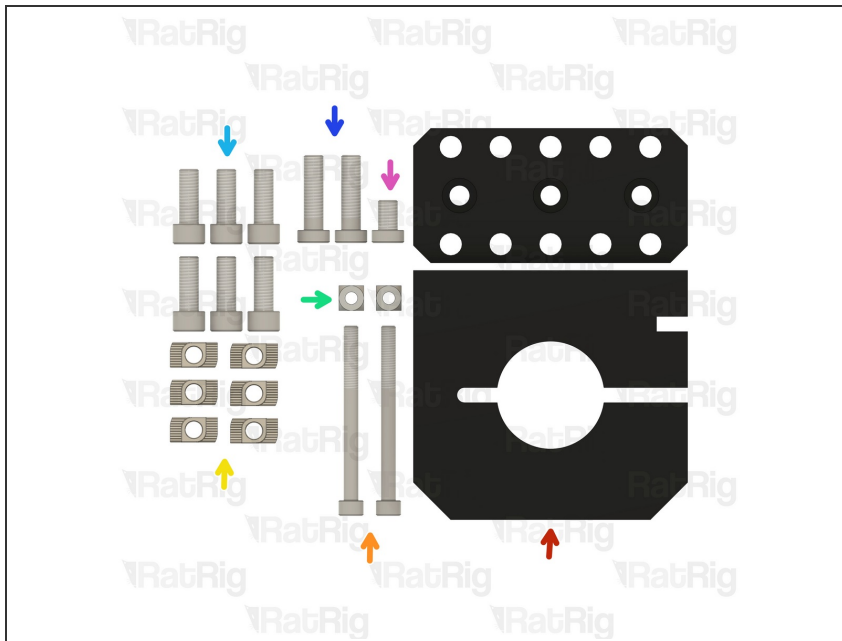
Written By: Miguel Cruz



## INTRODUCTION

**Please note:** This guide is based upon using one 43mm spindle mount and an 43mm spindle. The required mounts, and number of them, will depend on your choice of spindle.

## Step 1 — Prepare the spindle mount parts



- Rat Rig Spindle Mount - 43mm
- 2x M6x70 Cap Head Screw
- 6x 4040 Drop-in T-Nut - M8
- 2x Square Nut M6
- 6x M8x22 Cap Head Screw
- 2x M8x30 Low Profile Cap Head Screw
- M8x12 Low Profile Cap Head Screw

## Step 2 — Assemble the spindle mount - Part 1



- Rat Rig Spindle Mount - 43mm
- M8x30 Low Profile Cap Head Screw
- M8x12 Low Profile Cap Head Screw

**(i)** Insert the screws through each hole in the spindle mount and secure it into the spindle mount body

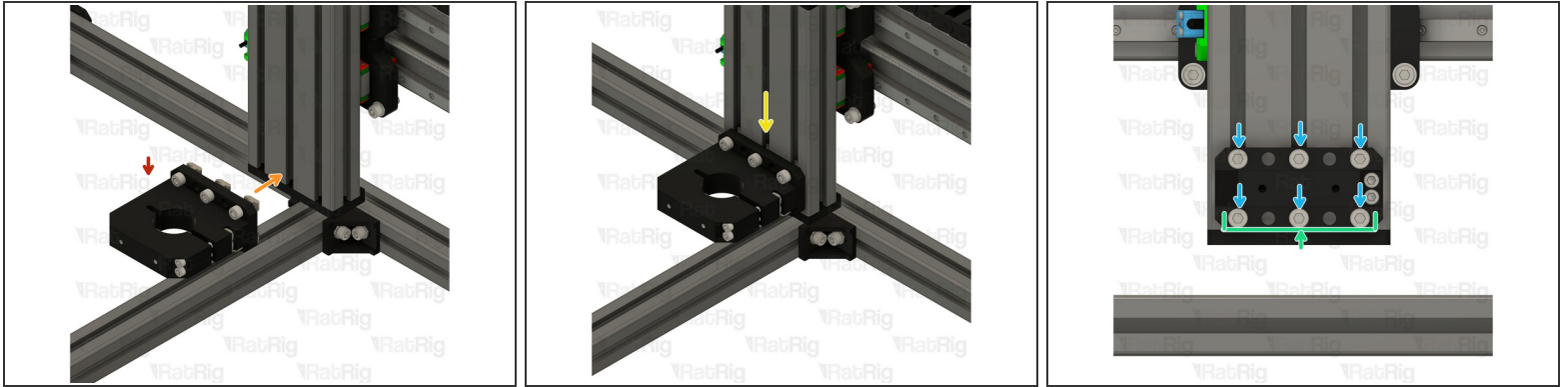
**Step 3 — Assemble the spindle mount - Part 2**

- Assembly from the previous step
  - M6x70 Cap Head Screws
  - Square nut M6
- i** Do not fully fasten the M6x70 screws at this point. They will be used to hold the spindle in place later in the assembly

**Step 4 — Assemble the spindle mount - Part 3**

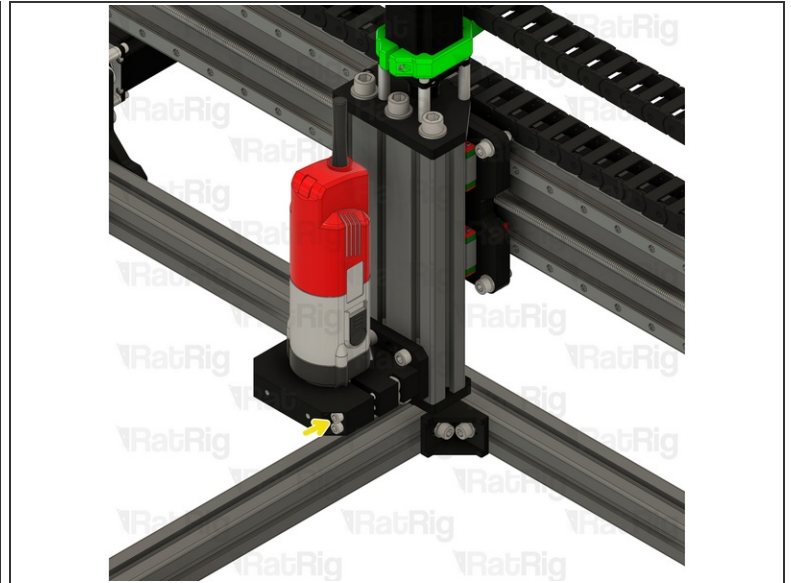
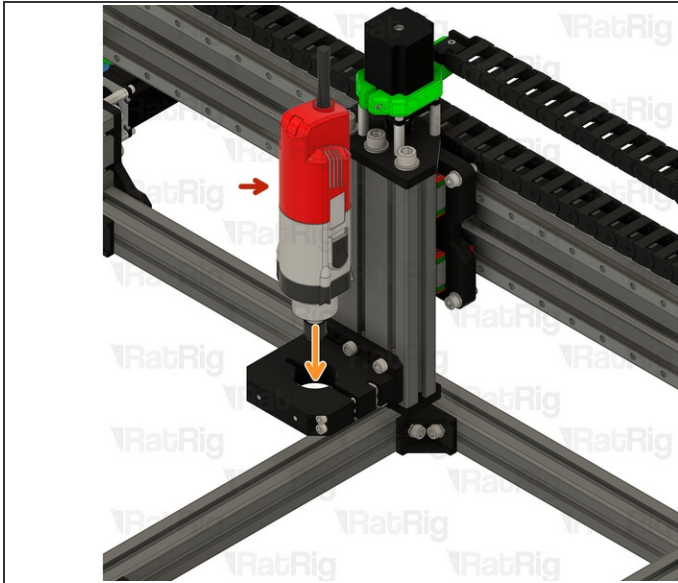
- Spindle mount assembly
- M8x22 Cap Head Screws
- 4040 Drop-in T-nut M8

**i** Loosely thread a 4040 T-Nut on to each of the M8x22 screws. Do not tighten them at this point.

**Step 5 — Install the spindle mount - Part 1**

- Spindle Mount Assembly
- Mount the Spindle mount assembly on to the Z-Axis
- Push the spindle Mount all the way down on the Z-Axis
- Check that the spindle mount is flush and square with the Z-axis plate as shown
- Tighten the M8x22 screws

## Step 6 — Install the spindle



- Spindle Tool
- Insert the spindle into the mount as shown
- Tighten the M6x70 screws to secure the spindle in to the mount