

# Prusa Mendel documentation

ThingDOC.py

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Prusa Mendel is machine from RepRap project. RepRap is open source 3D printer.

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# 1 Bill of materials

List of things you need to build the machine devided by categories

## 1.1 Printed

- 8x Bar clamp
- 4x Belt clamp
- 4x Bushing
- 2x Coupling
- 3x Endstop holder
- 2x Frame vertex
- 4x Frame vertex with foot
- 4x Bushing
- 2x Pulley
- 2x Rod clamp
- 1x X end idler
- 1x X end motor
- 1x Y motor bracket
- 2x Z motor mount

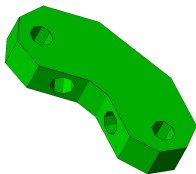
## 1.2 Nuts&bolts

- 72x M8 nut
- 68x M8 washer
- 2x M8 spring
- 15x M3 nut
- 21x M3 washer
- 13x M3 10mm screw
- 3x M3 20mm screw
- 6x M3 25mm screw

## 2 Things overview

List of things and their descriptions

### 2.1 Frame vertex



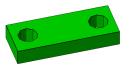
### 2.2 Frame

Frame for adding all of the other parts

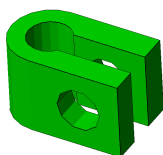
### 2.3 Y motor bracket



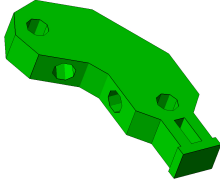
### 2.4 Belt clamp



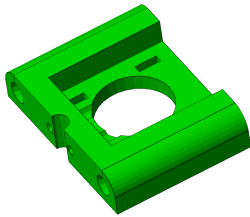
### 2.5 Bar clamp



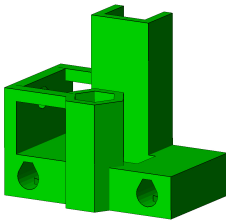
## 2.6 Frame vertex with foot



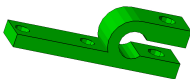
## 2.7 Z motor mount



## 2.8 X end idler



## 2.9 Endstop holder



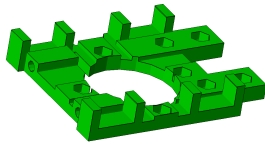
## 2.10 Rod clamp



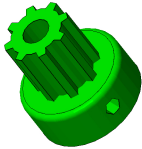
2.11 Bushing

2.12 Bushing

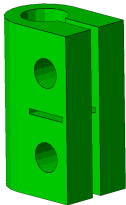
2.13 X carriage



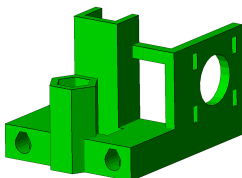
2.14 Pulley



2.15 Coupling



2.16 X end motor



## **3 Assembly Instructions**

Instructions to assemble the machine

### **3.1 Assemble Prusa Mendel**

- Assembly info