

# **BobsCNC sourced parts**

## **Stepper Motors**

### **E series, Evolution, Revolution**

Bobs CNC Parts on eBay – I have some slight larger stepper motors

### **E series, Evolution, Revolution and Quantum series**

<https://www.automationtechnologiesinc.com/products-page/nema-17/nema17-stepper-motor-3>

## **Servo Motors and drivers**

### **KL7 series**

Bobs CNC Parts on eBay

Lichuan LC57H3100 Servo motor

Lichuan LCDA357H Servo Driver

## **Rails**

### **E series, Evolution, Revolution, Quantum series, and KL7 series**

Small routers are 5/16" diameter, and KL7 is 3/8"

Mc Master Carr or local steel supplier

<https://www.mcmaster.com/products/rods/material~1144-carbon-steel/>

### **KL7 series**

<https://www.keyestudio.com/products/keyestudio-uno-r3-atmega328p-development-board-usb-cable-for-arduino>

## **Controller**

Keyestudio – is our go to supplier for controller hardware. We have had very little issues with these parts.

Bobs CNC Parts on eBay

### **E series, Evolution, Revolution and Quantum series**

<https://www.keyestudio.com/products/keyestudio-cnc-kit-for-arduino-cnc-shield-v3-r3-4pcs-a4988-driver-grbl-compatible>

### **KL7 Series**

Uno Board

<https://www.keyestudio.com/products/keyestudio-uno-r3-atmega328p-development-board-usb-cable-for-arduino>

Screw shield

<https://www.keyestudio.com/products/keyestudio-proto-screw-shield-assembly-bindingpost-arduino-uno-r3>

## **Power supplies**

### **E series, Evolution, Revolution and Quantum series**

Bobs CNC Parts on eBay – these are 12 VDC 8amp power supplies

### **KL7 series**

<https://www.automationtechnologiesinc.com/products-page/switching-power-supply/kl-350-48-48v7-3a>

## **Z-Drives and ball screws**

Bobs CNC Parts on eBay

## **Belts**

### **E series, Evolution, Revolution and Quantum series**

Bobs CNC Parts on eBay – these are GT2 belts

6 mm wide E and Evolution, Revolution

9 mm wide for Quantum, Revolution 642

### **KL7 series**

T10 15 mm wide steel core polyurethane belts

eBay is your best source

## **Router Spindles**

Best choice - Makita RT701C

DeWalt DWP 611 – we experienced quality issues with these.

DeWalt DW660 – used for the E series

## **Hardware**

Bobs CNC Parts on eBay – I have some of the hardware

MC Master Car

Fastener Superstore

eBay for bearings

Please note the washer sizes are in the back of the manuals.