

Line #	Description	Part Number / URL	Opt.	Cost
1	V-Slot 4040 Linear Rail	https://openbuildspartstore.com/v-slot-40x40-linear-rail/	250 mm	\$8.00
2	6063 Aluminum Round Tube, 300mm Length 18mm OD 12mm ID (quantity 2)	https://www.amazon.com/gp/product/B07YCG5D5C/	300 mm	\$12.89
3	8pcs 1/4" Bore Shaft Collars Sets-Screw	https://www.amazon.com/dp/B0B4JQ1RPG		\$12.00
4	NEMA 23 Stepper Motor Steel Mounting Bracket ST-M2	https://www.amazon.com/dp/B00Q6GIO5K/		\$8.00
<u>Igus Lead Screw and Nut</u>				
5	dryspin® injection-molded flange lead screw nuts, with machined threads,	DST-JFRM-C-01	250 mm	\$15.86
6	drylin® lead screw, dryspin® high helix thread right-hand thread, 1.4301 (304) stainless steel	DST-LS-6.35X25.4-R-ES		\$11.68
<u>XL Pulleys and Belt (XL is 5.08mm, not compatible with 5mm)</u>				
7	XL 30 Teeth 10mm Inner Bore Timing Belt Pulley	https://www.amazon.com/gp/product/B081RNH18J/	10mm bore	\$10.00
8	XL 24 Teeth 6.35mm Bore 5.08mm Timing Belt Pulley	https://www.amazon.com/gp/product/B0747LGGCR/	0.25" bore	\$9.79
9	100XI Series Width 3/8 inch Industrial Timing Belt, Pack of 2	https://www.amazon.com/gp/product/B0864V22PV/		\$9.00
<u>Other</u>				
10	M5 screws	4 per end bracket / 8 NEMA23 mount to V-Slot and Motor		
11	M5 tap for 4040 ends			
12	M3 set screws	4 total, I used two 3mm length, two 5mm length		
13	M3 tap for set screws			

Bearings - inserted into printed 4040 end cap, work in progress

14	FR188-2RS Flanged Ball 1/4" x 1/2" x 3/16" Double Sealed (GCr15) Chrome Steel Bearings 5pcs	https://www.amazon.com/dp/B082PSMWXD	\$7.59
	Also trying out: SCE45 Needle Roller Bearings, Drawn Cup Open End, 1/4-inch Bore 7/16-inch OD 5/16-inch Width	https://www.amazon.com/dp/B07V7WY7SP	\$104.81