

Deluxe Shapeoko Parts List

Check	Qty.	Item description	Approximate Sizes	
			Metric	Inches

Large:

	2	Waste-boards	58x36cm	22x14in
	2	long extrusions/rails, no tap holes	60cm	24in
	1	long extrusion/rails, two tapped holes	60cm	24in

Red Plates:

	2	"L" shaped base ends	72cm	28in
	1	"I" shape (Cross strap, for sub base)	68cm	27in
	1	center strap, 4 slotted holes	58cm	22in
	2	side strap, 2 holes	58cm	22in
	1	moving Z axis plate, 2 tabs	18x16cm	7x6in
	1	fixed Z axis plate (moves with Y axis), centered large motor hole	25x17cm	10x7in
	2	Y axis end plates, offset motor hole. (Moves with X axis)	21x16cm	8x6in

Electronics:

	4	Wantai stepper motors (NEMA 23)		
	1	1x Stepoko controller board		
	1	1x usb cable		
	1	1x SPST toggle		
	1	1x IEC power cord, US		
	1	1x power supply brick		

Misc HW:

	1	1DPN611 spindle mount	10x9x3cm	4x4x1in
	2	extrusions with 45deg rail, z axis rails	20x2x2.7cm	8x1x1in
	1	red plastic enclosure with pre-milled holes		
	1	red plastic enclosure lid		
	1	Shapeoko placard		
	2	expansion springs	5.5cm	2in
	6	Belt clips, angle with two slots and two holes		
	10	3M Bump-on rubber bumpers		
	1	10mm open end wrench		
	1	8mm open end wrench		
	1	13mm open end wrench		
	5	Allen hex keys		
	1	Tube thread-locker (jet-lube branding)		
	1	Sharpie		

Spacers and Stand-Offs:

	2	10-24 x 1 inch, threaded	2.5cm	1in
	4	9mm O.D, 1-1/4 inch long		1 1/4 in
	4	3/8in O.D., .219in I.D, by 3/8in		3/8 in
	1	3/8in O.D., .219in I.D, by 5/16in		5/16 in
	2	M5 x 15mm threaded	1.5cm	0.6 in
	6	0.5in O.D., 0.319 I.D, x10mm	1cm	0.4 in

Belts:

	3	Split belts (GT2, 800mm)	80cm	31.5 in
	1	Continuous belt (GT2, 524mm)	52.4cm	20.6 in

Pulleys:

	4	6.3mm bore (GT2 profile)		
	1	5mm bore (GT2 profile)		
	10	(or more) set screws for pulleys		

Bolts/screws:

	6	M8 x 35mm	35mm	1.4 in
	30	M6 x 12mm	12mm	0.47 in
	1	M6 x 30mm	30mm	1.2 in
	25	M5 x 16mm	16mm	0.63 in
	22	M5 x 20mm	20mm	0.79 in
	2	M5 x 55, cylindrical hex cap (SHCS)	55mm	2.16 in
	4	M5 x 40mm	40mm	1.6 in
	1	M5 x 25mm	25mm	1 in
	2	10-24 thread, 3/4inch	19mm	0.75 in
	12	M3 x 12mm gnarled hex cap (SHCS)	12mm	0.5 in
	6	6-32 x 3/4in for red enclosure lid	19mm	0.75 in
	8	4-40 x 3/8in for PCB mounting	9mm	0.375 in

Nuts:

	6	M8 Hex Nut		
	1	M6 x 6mm Hex Nut		
	4	M6 Square Nut		
	29	M5 Hex Nut		
	8	Hex Nut with eccentric hole and shoulder		
	12	M3 Hex Nut		

Washers:

	4	M6 Flat Washer		
	18	M5 Flat Washer		

Bearings:

	16	Black V-guide pulleys		
	12	25mm outside diameter(8x22x7mm)		1 in
	2	14mm outside diameter (6mm flanged bearing)		0.5 in