



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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:

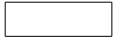
	4	Wantai stepper motors (NEMA 23)		
	1	1x Stepoko controller board		
	1	1x usb cable		
	1	1x SPST toggle		
	1	1x IEC power cord, US		
	1	1x power supply brick		

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		
	1	Thermal gap filler pad	7.5x10cm	3x4 in
	3	cable carriers	1x1.5x50cm	~20 in

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