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DIY Benchtop CNC Parts List

v1.1 - 8 April, 2020

CLASS	QTY	PART NO	DESCRIPTION
FASTENER	31	20023	Screw, Phillips Pan Head, M3 x 0.5mm x 8mm, Steel, Zinc
	2	20026	Screw, Phillips Pan Head, M3 x 0.5mm x 14mm, Steel, Zinc
	8	20047	Screw, Phillips Pan Head, M5 x 0.8mm x 10mm, Steel, Zinc
	24	20050	Screw, Phillips Pan Head, M5 x 0.8mm x 16mm, Steel, Zinc
	2	20051	Screw, Phillips Pan Head, M5 x 0.8mm x 20mm, Steel, Zinc
	6	20052	Screw, Phillips Pan Head, M5 x 0.8mm x 25mm, Steel, Zinc
	6	20053	Screw, Phillips Pan Head, M5 x 0.8mm x 30mm, Steel, Zinc
	2	20057	Screw, Phillips Pan Head, M5 x 0.8mm x 50mm, Steel, Zinc
	8	20074	Screw, Phillips Pan Head, M8 x 1.25mm x 30mm, Steel, Zinc
	4	20075	Screw, Phillips Pan Head, M8 x 1.25mm x 35mm, Steel, Zinc
	8	20075	Screw, Phillips Pan Head, M8 x 1.25mm x 35mm, Steel, Zinc
	4	20076	Screw, Phillips Pan Head, M8 x 1.25mm x 40mm, Steel, Zinc
	8	20240	Screw, Flat Head, M3 x 0.5mm x 6mm, Steel, Zinc
	4	20268	Screw, Flat Head, M5 x 0.8mm x 16mm, Steel, Zinc
	4	20476	Screw, Socket Cap, M4 x 0.7mm x 16mm, Steel, Zinc
	4	20477	Screw, Socket Cap, M4 x 0.7mm x 20mm, Steel, Zinc
	7	26002	Nut, Hex, M3 x 0.5mm, Steel, Zinc
	4	26003	Nut, Hex, M4 x 0.7mm, Steel, Zinc
	24	26004	Nut, Hex, M5 x 0.8mm, Steel, Zinc
	2	26030	Nut, Hex Nyloc, M3 x 0.5mm, Steel, Zinc
	6	26032	Nut, Hex Nyloc, M5 x 0.8mm, Steel, Zinc
	24	26034	Nut, Hex Nyloc, M8 x 1.25mm, Steel, Zinc
	19	28003	Washer, Flat, M3, Steel, Zinc
	6	28004	Washer, Flat, M4, Steel, Zinc
	44	28005	Washer, Flat, M5, Steel, Zinc
	2	28036	Washer, Fender, M4, Steel, Zinc
SPACER	2	40001	Spacer, 5mm x 10mm x 22mm, Aluminum
	2	40002	Spacer, 2.5mm x 6mm x 2mm, Plastic
	4	40003	Spacer, 5mm x 10mm x 3mm, Plastic
BEARINGS	2	43001	Slide Bearing, 8mm x 15mm x 45mm
	24	43002	Ball Bearing, Shielded, 608-2RS
HARDWARE	1	60001	M3 x 60mm, Allthread, Steel, Zinc
	6	60003	Screw, Phillips Pan Head Self Tap, #10 x 0.75", Steel, Zinc
	8	60004	Screw, Phillips Pan Head Self Tap, #10 x 1.0", Steel, Zinc
	2	60005	EMT Conduit Tubing, 1/2"
	2	60006	EMT Conduit Tubing, 3/4"
	2	60007	Guide Rod, 8mm x 200mm, Cold Rolled Steel
	6	60008	Pulley, GT2 Belt, 5mm x 12mm x 6mm, BB, Aluminum

CLASS	QTY	PART NO	DESCRIPTION
	3	60009	Drive Sprocket, GT2 Belt, 20 Tooth, Aluminum
	1	60010	Lead Screw, 8mm x 160mm, 2mm Pitch, Stainless Steel
	1	60011	Lead Screw Nut, 8mm x 2mm Pitch, Brass
	1	60012	Stepper Motor Coupler, 8mm x 5mm x 40mm
	1	60013	X-AXIS CABLE TRACK, 10mm X 10mm X 1m
	1	60014	Y-AXIS CABLE TRACK, 15mm X 20mm X 1m
	1	60015	X-AXIS DRVE BELT, GT2, 1m
	2	60016	Y-AXIS DRIVE BELTS, GT2, 1m
BRACKETS	1	70001	Cable Track Bracket, Base, Aluminum
	1	70002	Cable Track Bracket, Base/Top, Aluminum
	2	70003	Cable Track Base, Support Bracket, Aluminum
	2	70004	Tool Carriage Belt Mount Bracket, Aluminum
	1	70005	X-Axis Cable Track Support Bracket, Aluminum
	1	70006	Tool Carriage Cable Track Mount Bracket, Aluminum
	2	70007	Tool Carriage Corner Bracket, Aluminum
	2	70008	X-Axis Slide Angle Bracket, Aluminum
	2	70009	Y-Axis Slide Angle Bracket, Aluminum
3D PRINTS	1	80001	Corner Mount, Type A, ABS/PLA, 50%
	2	80002	Corner Mount, Type B, ABS/PLA, 50%
	1	80003	Corner Mount, Type C, ABS/PLA, 50%
	1	80004	Limit Switch Mount, ABS/PLA, 50%
	1	80005	Tool Carriage Base Plate, ABS/PLA, 50%
	1	80006	Tool Carriage Top Plate, ABS/PLA, 50%
	1	80007	Z-Axis Slide Mount, ABS/PLA, 50%
	1	80008	Tool Carriage Drive Mount, ABS/PLA, 50%
	2	80009	X-Axis Carriage Slide, A, ABS/PLA, 50%
	2	80010	X-Axis Carriage Slide, B, ABS/PLA, 50%
	2	80011	Y-Axis Gantry Slide, A, ABS/PLA, 50%
	2	80012	Y-Axis Gantry Slide, B, ABS/PLA, 50%
	4	80013	X-Axis Tube Clamp, ABS/PLA, 50%
	2	80014	Gantry Drive Mount, ABS/PLA, 50%
ELECTRONICS	3	85001	3D Printer Limit Switch, Makerbot
	4	85002	NEMA 17 Stepper Motor, 45mm, 4 wire
MISC	1	90002	Wood Base, 3/4" Plywood
Total Parts	380		
Part Numbers	76		