

	part name	unit
Inner six corner screw 内六角螺钉	M8*55	1
	M3*25	2
	M3*12	3
	M3*20	8
	M3*50	4
	M4*12	1
	M4*30	1
	M4*35	1
	M3*16	1
	M3*10	1
	M2*10	4
	M3*12Hand screwdriver手持螺丝	1
nut 螺母	M3	12
	M8	1
	M4	3
Shim 垫片	M4	4
	M8	2
Bearing 轴承	608zz	2
	624zz	5
带轮	2GT-232Synchronous wheel	2
	2GT16齿同步轮	2
Aluminum tube 铝管	15mm*13mm*200mm	1
	15mm*13mm*178mm	1
electrical 电气	mega2560	1
	ramps1.4	1
	A4988	2
	Limit switch限位开关	2
	42 step motor步进电机	2
	9g servo舵机	1
		150g

for the pen holder v2, 200mm Aluminum tube should change to 197mm, and you need add  
 $\Phi 4 \times 40$ mm Optic axis\*2, 8X4X10mm Copper sleeve\*2