

Category	Part name	Size	No of	NOTES
hardware frame		Size		
	Frame side bolts	M4 x 20 countersink	16	* 16 of these needed assuming rudy stone holder is made
	heat set inserts	M4 heat insert	12	* 22 needed assuming 2 stones, I purchased these from https://www.cnckitchen.com/shop#!/Gewindeinsatz-threaded-insert-M4-Standard-50-Stk-pcs You can buy them from ebay but try to get the same form so they fit the holes in the middle pieces
	Pinch bolts	M4 x 12 sockethead	2	
	Pinch nuts	M4 nut	2	* 3 needed in total
	Linear rod	8mm x 155	1	8mm linear shaft i purchased mine from bearing boys or CNCplanet on ebay. It needs an angle grinder with a slitting disc to cut as hacksaws just slide off
	linear bearing	LM8UU	1	Ebay or bearing boys (avoid cheapos as they stick)
	Arm middle inner	IR8X12X16	1	Ebay or bearing boys
	Arm middle race	HK1216	1	Ebay or bearing boys
	Arm middle thrust washer	AS0619	2	Ebay or bearing boys
	Arm middle bolt	M8 x 35	1	
	Arm nut	M8	1	* 2 of these needed in total
	Arm pinch screw	M4 x 12 counter sink	1	* 17 of these needed assuming both stones are made
	Arm pinch nut	M4 nut	1	*
	Knuckle bearing inner	IR6x10x12	1	Ebay or bearing boys
	Knuckle race	HK1012	1	Ebay or bearing boys
	Kuckle thrust washers	AS0821 INA	2	Ebay or bearing boys
	Knuckle bolt	M6 x 35	1	
	Knuckle nut	M6 nut	1	
	Platform wing bolt	M6 x 30	1	
	Platform nut	M6 nut	1	
	Knob bolt	M8 x 45	1	Can get away with a 35 but 45 is better
	Knob nut	M8 nut	1	*
3D paper holders				
	2 paper			
	Clamp bolts	M4 x 12 countersink	8	*
		M4 heat insert	8	*
	1 paper 1 stone			
	clamp bolts	M4 x 12 countersink	8	*
	End plates	M4 x 20 countersink	4	*
		M4 heat insert	12	*

