










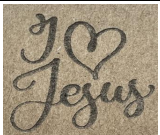




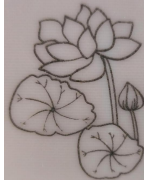








Remark: Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.

Engraving Parameter for Common Material










Material	35W Engraving						Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	
Basswood	0.09	10000	25%	Stuick	NO	1	
Yellow peach wood	0.1	10000	40%	Stuick	NO	1	
Pine	0.1	10000	40%	Stuick	NO	1	
Paulownia wood	0.1	10000	25%	Stuick	NO	1	
Bamboo	0.1	10000	45%	Stuick	NO	1	
Leather	0.1	10000	35%	Stuick	NO	1	
Denim	0.1	10000	20%	Stuick	NO	1	
Ceramics	0.1	10000	60%	Stuick	YES	1	
Ceramic tile	0.08	8000	30%	Stuick	YES	1	
Alumina	0.1	10000	55%	Stuick	NO	1	
Glass	0.1	6000	50%	Stuick	YES	1	







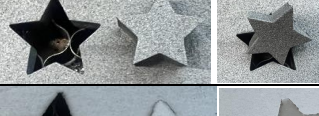

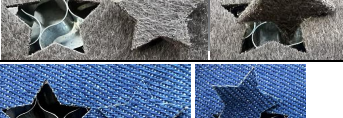
Material	35W Engraving						
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Acrylic	0.1	10000	50%	Stuick	NO	1	
Translucent Acrylic	0.1	8000	30%	Stuick	NO	1	
Two color plate	0.1	7000	20%	Stuick	NO	1	
Plastic	0.08	10000	45%	Stuick	NO	1	
High density foam board	0.1	8000	13%	Stuick	NO	1	
Rubber	0.1	8000	35%	Stuick	NO	1	
Kraft Paper	0.1	9000	30%	Stuick	NO	1	
Office paper	0.1	10000	27%	Stuick	NO	1	

Material	35W Engraving						
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Carton	0.1	8000	25%	Stuick	NO	1	
MDF	0.09	10000	25%	Stuick	NO	1	
Mirrors	0.1	10000	35%	Stuick	YES	1	
Rock	0.08	10000	60%	Stuick	NO	1	
Crystal Stone	0.1	7000	40%	Stuick	NO	1	
PCB Board	0.1	8000	60%	Stuick	NO	1	
Hard maple	0.08	10000	60%	Stuick	NO	1	
Brushed Stainless Steel	0.05	6000	50%	Stuick	NO	1	
Galvanized iron	0.05	3000	90%	Stuick	YES	1	
Iron sheet	0.1	6000	80%	Stuick	YES	1	
Brass	0.1	2000	80%	Stuick	YES	1	

Material	Engraving						Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	
Wrench (chrome-vanadium alloy)	0.1	3000	80%	Stuick	YES	1	

Cutting Parameter for Common Material

Material	70W fixed focus 20mm cut					Case illustration
	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes		
Basswood	20	1200	90%	10		
	15	300	90%	1		
Pine	25	1100	90%	10		
	20	120	90%	1		
Paulownia wood	20	800	90%	2		
	18	350	90%	1		
Cork wood	18	1000	90%	1		
Bamboo	5	1000	90%	1		
Leather	4	800	90%	5		

Material	70W fixed focus 20mm cut				
	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes	Case illustration
Kraft Paper	0.6	9000	90%	1	
Acrylic	26	100	90%	10	
	8	100	90%	1	
MDF	12	1000	90%	6	
	9	200	90%	1	
Stainless Steel Sheet	0.05	1000	60%	1	
EVa Foam	8	1500	30%	1	
Glutinous rice paper	0.5	500	90%	1	
Woolen Blanket	1.5	2000	90%	1	
denim	0.6	5000	90%	1	