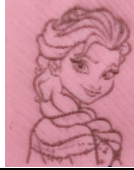


Remark : Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.

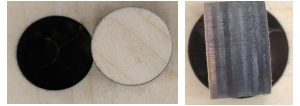
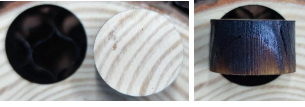
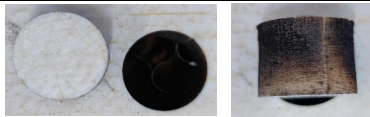
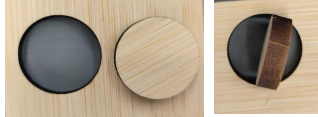
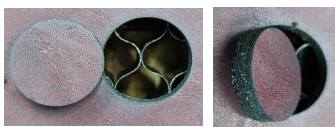
Engraving Parameter for Common Material

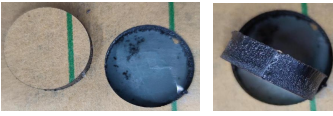
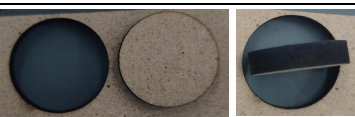
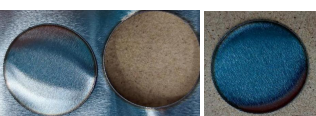
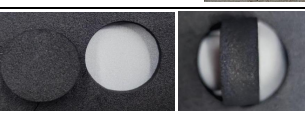
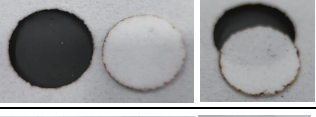
Material	Engraving						Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	
Basswood	0.1	6000	20%	Threshold	NO	1	
Yellow peach wood	0.1	7000	15%	Threshold	NO	1	
Pine	0.1	5000	20%	Jarvis	NO	1	
Paulownia wood	0.1	7000	45%	Threshold	NO	1	
Bamboo	0.1	7000	50%	Threshold	NO	1	
Leather	0.1	6000	20%	Threshold	NO	1	
Denim	0.1	3000	20%	Threshold	NO	1	
Ceramics	0.05	1000	80%	Threshold	NO	1	
Ceramic tile	0.1	2200	80%	Threshold	NO	1	
Alumina	0.01	1000	60%	Threshold	NO	1	
Glass	0.1	1500	50%	Threshold	YES	1	

Material	Engraving						
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Acrylic	0.1	6000	50%	Threshold	NO	1	
Translucent Acrylic	0.1	6000	13%	Threshold	NO	1	
Two color plate	0.1	5000	12%	Threshold	NO	1	
Plastic	0.1	6000	20%	Threshold	NO	1	
Resin	0.1	1500	13%	Threshold	NO	1	
High density foam board	0.1	5000	9%	Threshold	NO	1	
Rubber	0.1	5000	50%	Threshold	NO	1	
Kraft Paper	0.1	7000	15%	Jarvis	NO	1	
Office paper	0.125	3000	13%	Threshold	NO	1	

Material	Engraving						
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Carton	0.1	3000	15%	Threshold	NO	1	
MDF	0.085	6000	20%	Atkinson	NO	1	
Mirrors	0.08	7000	30%	Threshold	YES	1	
Rock	0.1	6000	60%	Filled	NO	1	
Crystal Stone	0.1	2000	25%	Threshold	NO	1	
PCB Board	0.1	4000	55%	Threshold	NO	1	
Mirror Stainless Steel	0.1	2000	60%	Threshold	NO	1	
Brushed Stainless Steel	0.08	1500	80%	Threshold	NO	1	
Galvanized iron	0.1	200	80%	Threshold	NO	1	
Iron sheet	0.1	500	80%	Threshold	NO	1	
Brass	0.1	1000	80%	Threshold	YES	1	

Material	Engraving						
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Transparent Polycarbonate	0.1	7000	15%	Threshold	NO	1	
Wrench (chrome-vanadium alloy)	0.1	500	80%	Threshold	YES	1	
Cobble Stone	0.1	6000	60%	Threshold	NO	1	

Cutting Parameter for Common Material						
Material	Cutting					Case illustration
	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes		
Basswood	14	600	80%	9		
	11	130	80%	1		
Pine	15	600	80%	10		
	12	100	80%	1		
Paulownia wood	20	750	70%	9		
	14	200	80%	1		
Cork wood	15	500	100%	1		
Bamboo	5	400	80%	1		
Leather	5	1000	60%	5		

Material	Cutting				
	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes	Case illustration
Kraft Paper	0.6	2000	80%	1	
Acrylic	20	100	80%	10	
	5	100	80%	1	
MDF	8	1000	80%	7	
	5	350	80%	1	
Stainless Steel Sheet	0.05	1000	60%	1	
EVa Foam	8	1500	80%	1	
Glutinous rice paper	0.5	300	80%	1	
Drywall	15	100	80%	1	