













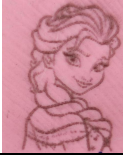


















Remark: Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.



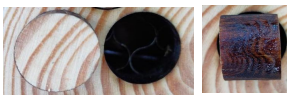

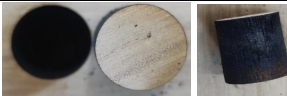
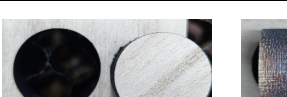
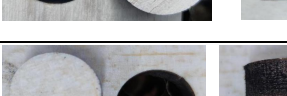


Engraving Parameter for Common Material






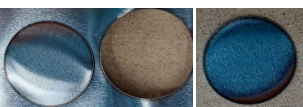
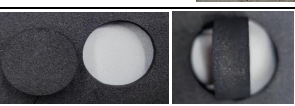


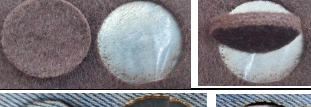
Material	Engraving						Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	
Basswood	0.1	8000	20%	Threshold	NO	1	
Yellow peach wood	0.1	9000	25%	Threshold	NO	1	
Pine	0.1	7000	20%	Jarvis	NO	1	
Paulownia wood	0.1	15000	45%	Threshold	NO	1	
Bamboo	0.1	12000	50%	Threshold	NO	1	
Leather	0.1	10000	45%	Threshold	NO	1	
Denim	0.1	3000	20%	Threshold	NO	1	
Ceramics	0.05	10000	80%	Threshold	YES	1	
Ceramic tile	0.05	10000	80%	Threshold	YES	1	
Alumina	0.05	10000	60%	Threshold	NO	1	
Glass	0.1	6000	50%	Threshold	YES	1	

Material	Engraving						Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	
Acrylic	0.1	8000	50%	Threshold	NO	1	
Translucent Acrylic	0.1	10000	25%	Threshold	NO	1	
Two color plate	0.1	7000	20%	Threshold	NO	1	
Plastic	0.08	10000	45%	Threshold	NO	1	
Resin	0.1	3000	25%	Threshold	NO	1	
High density foam board	0.1	6000	9%	Threshold	NO	1	
Rubber	0.1	8000	50%	Threshold	NO	1	
Kraft Paper	0.1	9000	30%	Jarvis	NO	1	
Office paper	0.1	10000	27%	Threshold	NO	1	

Material	Engraving						Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	
Carton	0.1	8000	30%	Threshold	NO	1	
MDF	0.085	10000	20%	Atkinson	NO	1	
Mirrors	0.08	10000	35%	Threshold	YES	1	
Rock	0.08	10000	60%	Filled	NO	1	
Crystal Stone	0.1	7000	30%	Threshold	NO	1	
PCB Board	0.1	6000	55%	Threshold	NO	1	
Hard maple	0.08	10000	60%	Threshold	NO	1	
Brushed Stainless Steel	0.08	6000	80%	Threshold	NO	1	
Galvanized iron	0.1	5000	80%	Threshold	YES	1	
Iron sheet	0.1	6000	80%	Threshold	YES	1	
Brass	0.1	3000	80%	Threshold	YES	1	

Material	Engraving						Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	
Transparent Polycarbonate	0.1	7000	30%	Threshold	NO	1	
Wrench (chrome-vanadium alloy)	0.1	3000	80%	Threshold	YES	1	
Cobble Stone	0.1	8000	60%	Threshold	NO	1	

Cutting Parameter for Common Material						
Material	Cutting				Case illustration	
	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes		
Basswood	20	950	100%	10		
	18	150	100%	1		
Pine	25	750	100%	10		
	20	100	100%	1		
Paulownia wood	23	950	100%	9		
	20	200	100%	1		
Cork wood	20	600	100%	1		
Bamboo	5	400	80%	1		
Leather	5	2000	80%	5		

Material	Cutting				Case illustration
	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes	
Kraft Paper	0.6	5000	80%	1	
Acrylic	20	200	80%	10	
	5	150	80%	1	
MDF	12	1000	100%	9	
	9	200	100%	1	
Stainless Steel Sheet	0.1	300	100%	1	
Eva Foam	8	2500	80%	1	
Glutinous rice paper	0.5	300	80%	1	
Drywall	15	200	80%	9	
Woolen Blanket	3	4000	80%	1	
denim	0.1	4000	80%	1	