













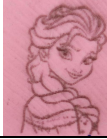









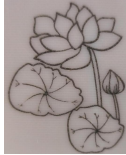









Remark: Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.

Engraving Parameter for Common Material

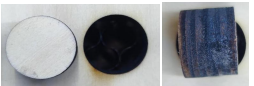
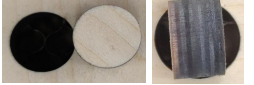


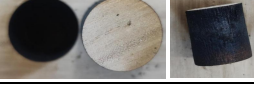

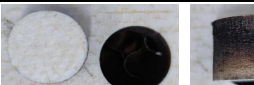


Material	Engraving					Case illustration
	Quality	Speed (mm/m)	S-Max	Needs to be blackened	Number of passes	
Basswood	12	15000	800	NO	1	
Yellow peach wood	12	10000	800	NO	1	
Pine	12	10000	800	NO	1	
Paulownia wood	12	40000	800	NO	1	
Bamboo	12	10000	800	NO	1	
Leather	12	6000	800	NO	1	
Denim	10	48000	800	NO	1	
Ceramics	12	8000	800	NO	1	
Ceramic tile	12	8000	800	NO	1	
Alumina	12	3000	800	NO	1	
Glass	12	6000	800	YES	1	



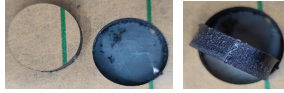

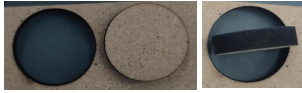
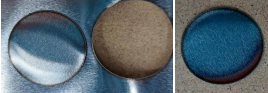
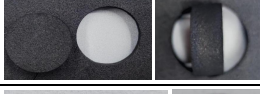
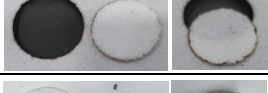
Material	Engraving					Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	
Acrylic	12	8000	800	NO	1	
Two color plate	10	48000	800	NO	1	
Plastic	12	20000	800	NO	1	
Resin	12	4000	800	NO	1	
High density foam board	12	48000	800	NO	1	
Rubber	12	10000	800	NO	1	
Kraft Paper	10	48000	800	NO	1	
Office paper	12	30000	800	NO	1	

Material	Engraving					Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	
Carton	10	48000	800	NO	1	
MDF	12	10000	800	NO	1	
Mirrors	12	10000	800	YES	1	
Rock	12	4000	800	NO	1	
Crystal Stone	12	20000	800	NO	1	
PCB Board	12	15000	800	NO	1	
Mirror Stainless Steel	12	3000	800	NO	1	
Brushed Stainless Steel	12	3000	800	NO	1	
Galvanized iron	12	8000	800	NO	1	
Iron sheet	12	8000	800	NO	1	
Brass	12	3000	800	YES	1	

Material	Engraving					Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	
Wrench (chrome-vanadium alloy)	12	3000	800	YES	1	
Cobble Stone	12	6000	800	NO	1	

**Cutting Parameter for Common Material**

Material	Cutting				Case illustration
	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes	
Basswood	14	600	800	9	
	11	130	800	1	
Pine	15	600	800	10	
	12	100	800	1	
Paulownia wood	20	750	700	9	
	14	200	800	1	
Cork wood	15	500	1000	1	
Bamboo	5	400	800	1	
Leather	5	1000	600	5	

Material	Cutting				Case illustration
	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes	
Kraft Paper	0.6	2000	800	1	
Acrylic	20	100	800	10	
	5	100	800	1	
MDF	8	1000	800	7	
	5	350	800	1	
Stainless Steel Sheet	0.05	1000	600	1	
Eva Foam	8	1500	800	1	
Glutinous rice paper	0.5	300	800	1	
Drywall	15	100	800	1	