










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


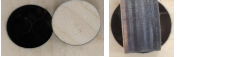



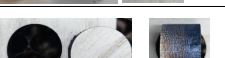



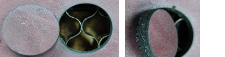





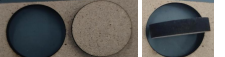

Material	Engraving						Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	
Basswood	0.08	15000	33%	Threshold	NO	1	
Yellow peach wood	0.08	10000	60%	Threshold	NO	1	
Pine	0.08	20000	30%	Threshold	NO	1	
Paulownia wood	0.08	40000	50%	Threshold	NO	1	
Bamboo	0.1	10000	70%	Threshold	NO	1	
Leather	0.08	6000	25%	Threshold	NO	1	
Denim	0.1	48000	70%	Threshold	NO	1	
Ceramics	0.08	8000	80%	Threshold	NO	1	
Ceramic tile	0.08	8000	80%	Threshold	NO	1	
Alumina	0.08	3000	60%	Threshold	NO	1	
Glass	0.08	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	0.08	8000	15%	Threshold	NO	1	
Two color plate	0.1	48000	20%	Threshold	NO	1	
Plastic	0.08	20000	30%	Threshold	NO	1	
Resin	0.08	4000	60%	Threshold	NO	1	
High density foam board	0.1	48000	80%	Threshold	NO	1	
Rubber	0.08	10000	35%	Threshold	NO	1	
Kraft Paper	0.1	48000	50%	Jarvis	NO	1	
Office paper	0.08	30000	70%	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	48000	80%	Threshold	NO	1	
MDF	0.08	10000	15%	Stucki	NO	1	
Mirrors	0.08	10000	50%	Threshold	YES	1	
Rock	0.08	4000	45%	Filled	NO	1	
Crystal Stone	0.08	20000	80%	Threshold	NO	1	
PCB Board	0.08	15000	55%	Threshold	NO	1	
Mirror Stainless Steel	0.08	3000	80%	Threshold	NO	1	
Brushed Stainless Steel	0.08	3000	80%	Threshold	NO	1	
Galvanized iron	0.08	8000	80%	Threshold	NO	1	
Iron sheet	0.08	8000	80%	Threshold	NO	1	
Brass	0.08	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	
Wrench (chrome-vanadium alloy)	0.1	3000	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	
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	