

















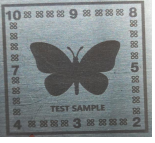





Remark: Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.

Engraving Parameter for Common Material

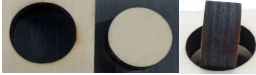









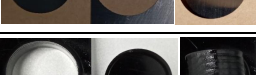
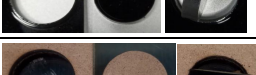

Material	Engraving					Case illustration
	Quality	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	
Basswood	12	20000	800	NO	1	
Yellow peach wood	12	10000	800	NO	1	
Mahogany	12	10000	800	NO	1	
Pine	12	10000	800	NO	1	
Paulownia wood	10	30000	800	NO	1	
Bamboo	10	3000	800	NO	1	
Leather	10	48000	800	NO	1	
Denim	12	30000	800	NO	1	
Ceramics	12	3000	800	YES	1	
Ceramic tile	12	3000	800	YES	1	
Alumina	12	3000	800	NO	1	

Material	Engraving					
	Quality	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	Case illustration
Glass	12	6000	800	YES	1	
Acrylic	12	8000	800	NO	1	
Two color plate (Overscanning)	10	48000	800	NO	1	
Plastic	12	20000	800	NO	1	
Resin	12	4000	800	NO	1	
Artificial beef bone	12	3000	800	NO	1	
High density foam board	12	40000	800	NO	1	
Rubber	12	10000	800	NO	1	
Kraft Paper	12	30000	800	NO	1	
Office paper	12	20000	800	NO	1	
Oil painting paper	12	30000	800	NO	1	

Material	Engraving					
	Quality	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	Case illustration
Carton	12	3000	800	NO	1	
MDF	12	10000	800	NO	1	
Mirrors	12	20000	800	YES	1	
Rock	12	10000	800	NO	1	
Cobblestone	12	6000	800	NO	1	
PCB Board	12	10000	800	NO	1	
Mirror Stainless Steel	12	600	800	NO	1	
Brushed Stainless Steel	10	1000	800	NO	1	
Galvanized iron	12	1000	800	YES	1	
Iron sheet	12	1000	800	YES	1	

Material	Engraving					Case illustration
	Quality	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	
Artificial agate	12	500	800	NO	1	

Cutting Parameter for Common Material

Material	Cutting				Case illustration
	Thickness	Speed (mm/m)	S-Max	Number of passes	
Basswood	10mm	600	800	5	
	8mm	200	1000	1	
Pine	14mm	300	800	7	
	9mm	120	1000	1	
Paulownia wood	18mm	400	800	6	
	12mm	220	1000	1	
Cork wood	15mm	700	850	2	
	10mm	420	1000	1	
Bamboo	6mm	400	800	3	
	5mm	360	1000	1	
Leather	4mm	200	1000	1	
Kraft Paper	0.2mm	3000	800	1	
Acrylic	15mm	100	600	8	
	5mm	100	1000	1	
MDF	8mm	400	1000	7	
	5mm	160	1000	1	
Stainless Steel Sheet	0.05mm	600	800	1	