














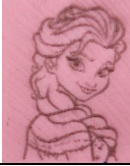
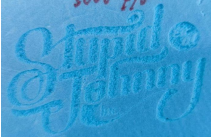







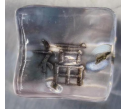








Remark: Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.

Engraving Parameter for Common Material





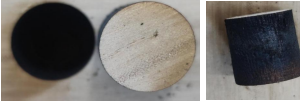

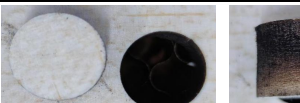


Material	Engraving					
	Quality	Speed (mm/m)	S-Max	Needs to be blackened	Number of passes	Case illustration
Basswood	10	6000	200	NO	1	
Yellow peach wood	10	7000	150	NO	1	
Pine	10	5000	200	NO	1	
Paulownia wood	10	7000	450	NO	1	
Bamboo	10	7000	500	NO	1	
Leather	10	6000	200	NO	1	
Denim	10	3000	200	NO	1	
Ceramics	20	1000	800	NO	1	
Ceramic tile	10	2200	800	NO	1	
Alumina	100	1000	600	NO	1	
Glass	10	1500	500	YES	1	

Material	Engraving					Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	
Acrylic	10	6000	500	NO	1	
Translucent Acrylic	10	6000	130	NO	1	
Two color plate	10	5000	120	NO	1	
Plastic	10	6000	200	NO	1	
Resin	10	1500	130	NO	1	
High density foam board	10	5000	90	NO	1	
Rubber	10	5000	500	NO	1	
Kraft Paper	10	7000	150	NO	1	
Office paper	8	3000	130	NO	1	

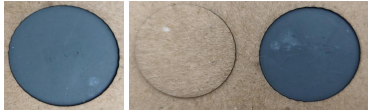




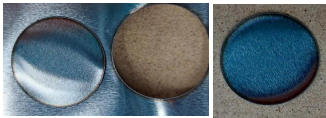
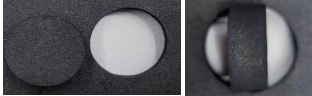

Material	Engraving					Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	
Carton	10	3000	150	NO	1	
MDF	12	6000	200	NO	1	
Mirrors	12	7000	300	YES	1	
Rock	10	6000	600	NO	1	
Crystal Stone	10	2000	250	NO	1	
PCB Board	10	4000	550	NO	1	
Mirror Stainless Steel	10	2000	600	NO	1	
Brushed Stainless Steel	12	1500	800	NO	1	
Galvanized iron	10	200	800	NO	1	
Iron sheet	10	500	800	NO	1	
Brass	10	1000	800	YES	1	

Material	Engraving					
	Line Interval	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	Case illustration
Transparent Polycarbonate	10	7000	150	NO	1	
Wrench (chrome-vanadium alloy)	10	500	800	YES	1	
Cobble Stone	10	6000	600	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		

Cutting

Material	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes	Case illustration
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	