






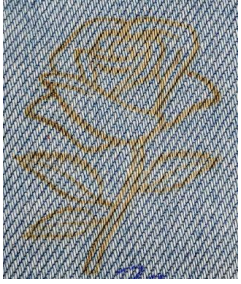

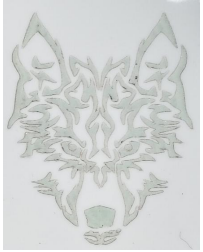

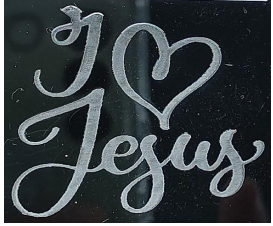



Remark: Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing. It is recommended to use One-way scanning mode for carving two color plate, kraft paper, office paper, carton and mirrors.


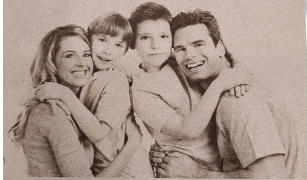



Engraving Parameter for Common Material




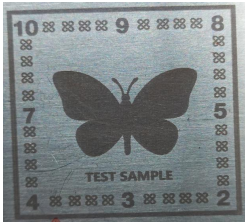



Material	Engraving						Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	
Basswood	0.08	20000	80%	Stucki	NO	1	
Yellow peach wood	0.08	10000	80%	Stucki	NO	1	
Mahogany	0.08	10000	70%	Threshold	NO	1	
Pine	0.08	10000	80%	Jarvis	NO	1	
Paulownia wood	0.1	30000	80%	Stucki	NO	1	
Bamboo	0.1	3000	80%	Threshold	NO	1	

Material	Engraving						Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	
Leather	0.1	48000	80%	Stucki	NO	1	
Denim	0.08	30000	80%	Threshold	NO	1	
Ceramics	0.08	3000	80%	Threshold	YES	1	
Ceramic tile	0.08	3000	80%	Threshold	YES	1	
Alumina	0.08	3000	80%	Threshold	NO	1	


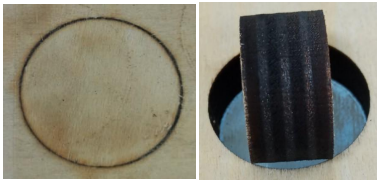
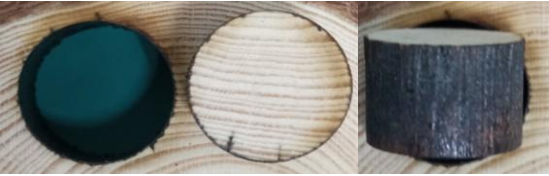


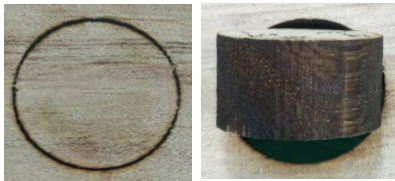
Material	Engraving						
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Glass	0.08	6000	80%	Threshold	YES	1	
Acrylic	0.08	8000	60%	Threshold	YES	1	
Two color plate (Overscanning)	0.1	48000	80%	Filled (One-way scanning)	NO	1	
Plastic	0.08	20000	80%	Threshold	NO	1	
Resin	0.08	4000	80%	Threshold	NO	1	
Artificial beef bone	0.08	3000	65%	Threshold	NO	1	


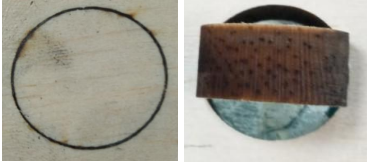



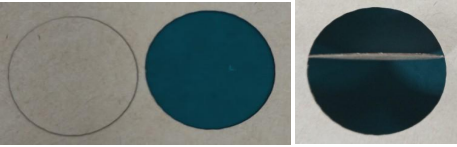
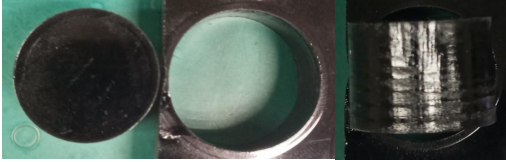

Material	Engraving						
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
High density foam board	0.08	40000	80%	Threshold	NO	1	
Rubber	0.08	10000	80%	Threshold	NO	1	
Kraft Paper	0.08	30000	80%	Filled (One-way scanning)	NO	1	
Office paper	0.08	20000	70%	Filled (One-way scanning)	NO	1	
Oil painting paper	0.08	30000	50%	Threshold	NO	1	



Material	Engraving						
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Carton	0.08	3000	80%	Threshold (One-way scanning)	NO	1	
MDF	0.08	10000	40%	Stucki	NO	1	
Mirrors	0.08	20000	80%	Threshold (One-way scanning)	YES	1	
Rock	0.08	10000	80%	Filled	NO	1	
Cobblestone	0.08	6000	80%	Threshold	NO	1	

Material	Engraving						
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Crystal Stone	0.08	10000	80%	Threshold	YES	1	
PCB Board	0.08	10000	80%	Threshold	NO	1	
Mirror Stainless Steel	0.08	600	80%	Threshold	NO	1	
Brushed Stainless Steel	0.1	1000	80%	Threshold	NO	1	
Galvanized iron	0.08	1000	80%	Threshold	YES	1	
Iron sheet	0.08	1000	80%	Threshold	YES	1	
Artificial agate	0.08	500	80%	Threshold	NO	1	

Cutting Parameter for Common Material

Material	Cutting				Case illustration
	Thickness	Speed (mm/m)	S-Max	Number of passes	
Basswood	10mm	600	75%	6	
	8mm	200	100%	1	
Pine	14mm	280	80%	10	
	9mm	130	100%	1	
Paulownia wood	18mm	320	70%	10	
	12mm	260	100%	1	

Material	Cutting				
	Thickness	Speed (mm/m)	S-Max	Number of passes	Case illustration
Cork wood	15mm	2000	70%	10	
	10mm	600	100%	1	
Bamboo	6mm	550	100%	3	
	5mm	400	100%	1	
Leather	2mm	300	80%	1	
Kraft Paper	0.2mm	3000	80%	1	
Acrylic	15mm	100	65%	10	
	5mm	100	100%	1	

Material	Cutting				Case illustration
	Thickness	Speed (mm/m)	S-Max	Number of passes	
MDF	8mm	400	100%	4	
	5mm	160	100%	1	
Stainless Steel Sheet	0.05mm	500	80%	1	