







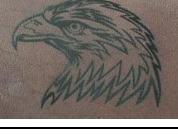




















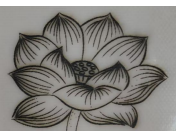













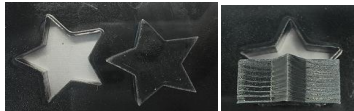
Remark: Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.

Engraving Parameter for Common Material

Material	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Basswood	0.1	8000	70%	Threshold	NO	1	
Cedarwood	0.1	4000	80%	Threshold	NO	1	
Beech	0.1	3000	30%	Threshold	NO	1	
Yellow peach wood	0.1	8000	80%	Threshold	NO	1	
Mahogany	0.08	6000	80%	Threshold	NO	1	
Pine	0.1	6000	80%	Threshold	NO	1	
Paulownia Wood	0.1	5000	50%	Jarvis	NO	1	
Bamboo	0.1	8000	80%	Threshold	NO	1	
Leather	0.1	8000	80%	Threshold	NO	1	
Denim	0.1	6000	70%	Threshold	NO	1	
Ceramics	0.1	500	80%	Threshold	Yes	1	

Material	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Ceramic Tile	0.1	500	80%	Threshold	Yes	1	
Alumina	0.1	300	80%	Threshold	NO	1	
Glass	0.1	400	60%	Threshold	Yes	1	
Acrylic	0.1	6000	50%	Threshold	NO	1	
Translucent Acrylic	0.1	3000	20%	Jarvis	NO	1	
Two color plate	0.08	5000	35%	Threshold (overscanning)	NO	1	
Plastic	0.1	2000	80%	Threshold	NO	1	
Resin	0.1	1000	35%	Threshold	NO	1	
Artificial beef bone	0.1	700	65%	Threshold	NO	1	
High density foam board	0.1	5000	30%	Threshold	NO	1	
Rubber	0.1	1000	70%	Threshold	NO	1	

Material	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Kraft Paper	0.1	4000	60%	Jarvis	NO	1	
Office Paper	0.08	3000	30%	Threshold	NO	1	
Oil Painting Paper	0.08	3000	5%	Threshold	NO	1	
Carton	0.1	5000	60%	Threshold	NO	1	
MDF	0.08	6000	30%	Atkinson	NO	1	
Mirrors	0.1	5000	60%	Threshold	YES	1	
Rock	0.1	5000	70%	Threshold	NO	1	
Cobblestone	0.1	1000	70%	Jarvis	NO	1	
Crystal Stone	0.08	800	65%	Threshold	YES	1	
PCB Board	0.1	600	20%	Threshold	NO	1	

Material	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Brushed Stainless Steel	0.08	300	80%	Threshold	NO	1	
Cutting Parameter for Common Material							
Material	Thickness	Speed (mm/m)	S-Max	Number of passes	Case illustration		
Basswood	6mm	130	80%	1			
	8mm	700	80%	10			
Pine	6mm	100	80%	1			
	10mm	400	80%	10			
Paulownia wood	12mm	700	80%	8			
	8mm	190	80%	1			
Cork wood	16mm	1100	80%	10			
Bamboo	5mm	150	80%	1			
Leather	2mm	200	80%	1			
Kraft Paper	0.6mm	1500	80%	1			
Acrylic	10mm	130	80%	10			
	3mm	80	80%	1	