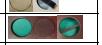
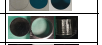
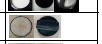
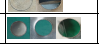
Remark : Our processor has to only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.

Engraving Parameter for Common Material

Material	Engraving						
	Use Material	Optical Density	Max Power	Image Mode	Needs to be Mechanical	Number of passes	Case Illustration
Mechanical	0.1	0.08	20%	Threshold	NO	1	
Hollow pearl wood	0.1	0.08	10%	Threshold	NO	1	
Mahogany	0.1	0.08	20%	Threshold	NO	1	
Pine	0.1	0.08	20%	Grain	NO	1	
Mechanical wood	0.1	0.08	20%	Threshold	NO	1	
Bamboo	0.1	0.08	50%	Threshold	NO	1	
Leather	0.1	0.08	20%	Threshold	NO	1	
Metals	0.1	0.08	20%	Threshold	NO	1	
Ceramics	0.1	0.08	80%	Threshold	YES	1	
Acrylic Tile	0.1	0.08	80%	Threshold	NO	1	
Glass	0.1	0.08	80%	Threshold	NO	1	
Mirror	0.1	0.08	50%	Threshold	YES	1	
Acrylic	0.1	0.08	50%	Threshold	NO	1	
Transparent Acrylic	0.1	0.08	10%	Grain	NO	1	
Two-color plate	0.1	0.08	10%	Threshold	NO	1	
Plastic	0.1	0.08	20%	Threshold	NO	1	
Resin	0.1	0.08	10%	Threshold	NO	1	
Artificial Stuff Mirror	0.1	0.08	50%	Threshold	NO	1	
High density Foam Board	0.1	0.08	10%	Threshold	NO	1	
Rubber	0.1	0.08	50%	Threshold	NO	1	
Small Algae	0.1	0.08	10%	Grain	NO	1	
Office paper	0.15%	0.08	10%	Threshold	NO	1	
Oil painting paper	0.1	0.08	20%	Threshold	NO	1	
Cotton	0.1	0.08	10%	Threshold	NO	1	
Wood	0.08%	0.08	20%	Attenuation	NO	1	
Mirrors	0.08	0.08	80%	Threshold	YES	1	
Rock	0.1	0.08	80%	Grain	NO	1	
Cobblestone	0.1	0.08	80%	Threshold	NO	1	
Crystal Mirror	0.1	0.08	20%	Threshold	YES	1	
Oak Board	0.1	0.08	80%	Threshold	NO	1	
Mirror Stainless Steel	0.1	0.08	80%	Threshold	NO	1	
Mechanical Stainless Steel	0.08	0.08	80%	Threshold	NO	1	
Mechanical Iron	0.1	0.08	80%	Threshold	YES	1	
Iron sheet	0.1	0.08	80%	Threshold	YES	1	
Artificial Lapis	0.1	0.08	80%	Threshold	NO	1	

Coating Parameter for Common Material

Material	Coating				
	Thickness	Spread Amount	L Mass	Number of Passes	Case Illustration
Mechanical	100mm	0.08	10%	1	
	80mm	0.08	100%	1	
Pine	100mm	0.08	80%	1	
	80mm	0.08	100%	1	
Mechanical wood	100mm	0.08	10%	1	
	100mm	0.08	100%	1	
Hard wood	100mm	0.08	10%	1	
	100mm	0.08	100%	1	
Bamboo	80mm	0.08	100%	1	
	80mm	0.08	100%	1	
Leather	80mm	0.08	80%	1	
Small Algae	0.15mm	0.08	80%	1	
Acrylic	100mm	0.08	10%	1	
	80mm	0.08	100%	1	
Wood	80mm	0.08	100%	1	
	80mm	0.08	100%	1	
Mirror Stainless Steel	0.15mm	0.08	80%	1