












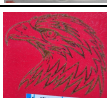



Remark:

1.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.








2.Line mode for vector lines requires M3 mode

Engraving Parameter for Common Material

Material	Engraving						Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Frequency (KHz)	Image Mode	Needs to be blackened	
Copper	0.01	6000	60%	30	Threshold	NO	
Iron	0.01	30000	80%	30	Threshold	NO	
Natural color alumina	0.01	6000	100%	30	Filled	NO	
Coated alumina	0.01	10000	60%	30	Threshold	NO	
Brushed Stainless Steel	0.01	10000	100%	30	Threshold	NO	
Mirror Stainless Steel	0.01	10000	100%	30	Filled	NO	
painted furniture	0.01	35000	100%	30	Jarvis	NO	
ABS	0.01	30000	60%	30	Threshold	NO	
Plastic	0.01	20000	60%	30	Threshold	NO	

Material	Engraving						
	Line Interval	Speed (mm/m)	Max-Power	Frequency (KHz)	Image Mode	Needs to be blackened	Case illustration
Leather	0.01	30000	90%	30	Threshold	NO	
Acrylic	0.01	30000	65%	30	Threshold	NO	
Rubber	0.01	30000	80%	30	Threshold	NO	
Oil painting paper	0.01	20000	60%	30	Threshold	NO	
Rock	0.01	30000	80%	30	Threshold	NO	
Mirrors	0.08	30000	30%	30	Threshold	YES	
Ceramic tile	0.1	10000	80%	30	Threshold	YES	

Cutting Parameter for Common Material

Material	Cutting						
	Thickness (mm)	Speed (mm/m)	Max-Power	Frequency (KHz)	Number of passes	Needs to be blackened	Case illustration
Rubber	2	1000	80%	30	30	NO	
Aluminum business card	0.2	300	80%	30	1	NO	
Stainless steel sheet	0.15	300	80%	30	1	NO	
Eva Foam	8	1000	80%	30	1	NO	
Leather	2	300	80%	30	1	NO	
Copper	0.5	100	100%	30	50	NO	
Iron	0.5	100	100%	30	50	NO	
Aluminum business card	0.5	100	100%	30	50	NO	