










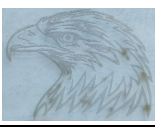






















Remark: Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.



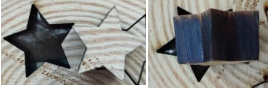







Engraving Parameter for Common Material

Material	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Basswood	0.1	20000	80%	Threshold	NO	1	
Pine	0.1	15000	80%	Threshold	NO	1	
peach wood	0.1	20000	80%	Threshold	NO	1	
Mahogany	0.1	30000	80%	Stucki	NO	1	
Paulownia Wood	0.1	30000	60%	Stucki	NO	1	
Bamboo	0.1	20000	80%	Threshold	NO	1	
Leather	0.1	15000	80%	Threshold	NO	1	
Denim	0.1	12000	80%	Threshold	NO	1	
Ceramics	0.1	6000	80%	Threshold	Yes	1	
Ceramic Tile	0.1	6000	80%	Threshold	NO	1	
Alumina	0.08	10000	80%	Threshold	NO	1	
Glass	0.1	10000	80%	Threshold	Yes	1	
Acrylic	0.1	12000	80%	Threshold	NO	1	

Material	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Translucent Acrylic	0.1	30000	20%	Threshold	NO	1	
Two color plate	0.1	30000	80%	Threshold	NO	1	
Plastic	0.1	20000	80%	Threshold	NO	1	
Rubber	0.1	20000	80%	Threshold	NO	1	
Kraft Paper	0.1	30000	20%	Jarvis	NO	1	
Office Paper	0.1	20000	80%	Threshold	NO	1	
Oil Painting Paper	0.1	30000	40%	Threshold	NO	1	
Carton	0.1	30000	50%	Threshold	NO	1	
MDF	0.08	30000	80%	Stucki	NO	1	
Mirrors	0.1	25000	80%	Threshold	YES	1	
Rock	0.1	25000	80%	Threshold	NO	1	
maple	0.1	15000	80%	Threshold	NO	1	
Crystal Stone	0.1	10000	80%	Threshold	YES	1	

Material	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
PCB Board	0.1	7000	80%	Threshold	NO	1	
Brushed Stainless Steel	0.1	3000	80%	Threshold	NO	1	
Galvanized iron	0.1	3000	80%	Threshold	YES	1	
Iron sheet	0.1	1000	80%	Threshold	YES	1	
Brass	0.08	500	80%	Threshold	YES	1	
Wrench (chrome-vanadium alloy)	0.08	500	80%	Threshold	YES	1	

Cutting Parameter for Common Material

Material	Thickness	Speed (mm/m)	S-Max	Number of passes	Case illustration
Basswood	12mm	120	80%	1	
	17mm	700	80%	10	
Pine	12mm	100	80%	1	
	18mm	650	80%	9	
Paulownia wood	15mm	200	80%	1	
	18mm	1000	80%	8	
Cork wood	15mm	700	80%	1	
	18mm	1000	80%	3	
Bamboo	5mm	400	80%	1	
Leather	2mm	100	80%	1	

Material	Thickness	Speed (mm/m)	S-Max	Number of passes	Case illustration
Kraft Paper	0.6mm	2000	80%	1	
MDF	5mm	200	80%	1	
	7mm	800	80%	8	
Acrylic	10mm	100	80%	1	
Acrylic	25mm	100	80%	8	
Stainless Steel Sheet	0.05mm	800	80%	1	