Remark : Our guarantee file is only for the more widely used materials. Customers may want to try other uncommon materials by themselves, or they can contact us to apply for testing.

Engraving Parameter for Common Material

Material	Engraving						
	Max Intensity	Speed	Min Power	Image Mode	Enable Do Not Hatchered	Number of passes	Case Illustration
Basswood	51	4000	20%	Threshold	NO	1	
Yellow pine(Ponderosa)	51	4000	17%	Threshold	NO	1	
Mahogany	51	4000	20%	Threshold	NO	1	
Pine	51	4000	20%	serio	NO	1	
Hardwood, walnut	51	4000	20%	Threshold	NO	1	
Bamboo	51	4000	20%	Threshold	NO	1	
Leather	51	4000	20%	Threshold	NO	1	
Acrylic	51	4000	20%	Threshold	NO	1	ATOMSTACK
Ceramics	51	4000	20%	Threshold	YES	1	
Ceramic tile	51	4000	20%	Threshold	NO	1	
Jewelry	51	4000	20%	Threshold	NO	1	ATOMSTACK
Glass	51	4000	20%	Threshold	YES	1	
Jade	51	4000	20%	Threshold	NO	1	
Tombstone Jade	51	4000	17%	serio	NO	1	
Sun color jade	51	4000	20%	Threshold	NO	1	
Plastic	51	4000	20%	Threshold	NO	1	I Love Jesus
Resin	51	4000	17%	Threshold	NO	1	
Artificial Rock Slate	51	4000	20%	Threshold	NO	1	
High density foam board	51	4000	17%	Threshold	NO	1	
Rubber	51	4000	20%	Threshold	NO	1	
Kraft Paper	51	4000	17%	serio	NO	1	
Office paper	51-255	4000	17%	Threshold	NO	1	
PE painting paper	51	4000	17%	Threshold	NO	1	
cardboard	51	4000	17%	Threshold	NO	1	A family is a blessing of life
EVA	51-255	4000	20%	Jitterson	NO	1	WANTED DEAD OR ALIVE
Melamine	51-255	4000	20%	Threshold	YES	1	
Resin	51	4000	20%	Dithr	NO	1	ATOMSTACK
Cobblestone	51	4000	20%	Threshold	NO	1	
Crystal Glass	51	4000	20%	Threshold	YES	1	
PVC Board	51	4000	20%	Threshold	NO	1	
Silver Stainless Steel	51	4000	20%	Threshold	NO	1	
Anodized Stainless Steel	51-255	4000	20%	Threshold	NO	1	
Galvanized iron	51	4000	20%	Threshold	YES	1	
Iron sheet	51	4000	20%	Threshold	YES	1	
Artificial angles	51	4000	20%	Threshold	NO	1	LOVE

Cutting Parameter for Common Material

Material	Cutting				
	Thickness	Speed	Z-Step	Number of cutting	Case Illustration
Basswood	3mm(0.12in)	4000	17%	10	
	6mm(0.24in)	4000	17%(0%)	1	
Pine	3mm(0.12in)	4000	17%(0%)	10	
	6mm(0.24in)	4000	17%(0%)	1	
Hardwood, walnut	3mm(0.12in)	4000	17%(0%)	10	
	3mm(0.12in)	4000	17%(0%)	1	
Teak wood	3mm(0.12in)	4000	17%(0%)	10	
	3mm(0.12in)	4000	17%(0%)	1	
Bamboo	6mm(0.24in)	4000	17%(0%)	4	
	6mm(0.24in)	4000	17%(0%)	1	
Leather	2mm(0.08in)	4000	17%(0%)	1	
Kraft Paper	0.25mm(0.01in)	4000	17%(0%)	1	
Acrylic	3mm(0.12in)	4000	17%(0%)	10	
Gold	6mm(0.24in)	4000	17%(0%)	4	
	6mm(0.24in)	4000	17%(0%)	1	
Stainless steel Sheet	0.05mm(0.002in)	4000	17%(0%)	1	