





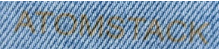




















**Remark: Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.**



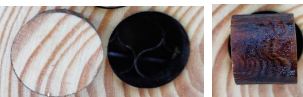

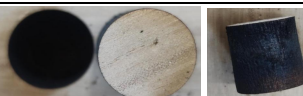
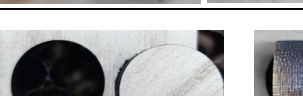



**Engraving Parameter for Common Material**



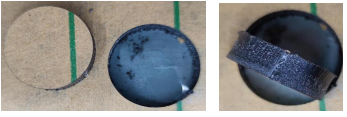

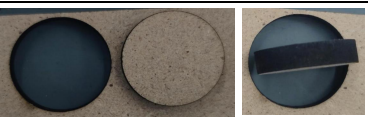
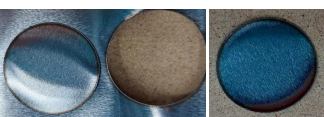
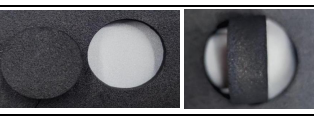
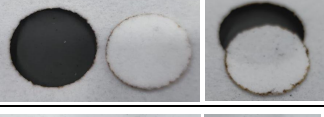
Material	Engraving						Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	
Basswood	0.1	6000	20%	Threshold	NO	1	
Yellow peach wood	0.1	7000	15%	Threshold	NO	1	
Pine	0.1	5000	20%	Jarvis	NO	1	
Paulownia wood	0.1	7000	45%	Threshold	NO	1	
Bamboo	0.1	7000	50%	Threshold	NO	1	
Leather	0.1	6000	20%	Threshold	NO	1	
Denim	0.1	3000	20%	Threshold	NO	1	
Ceramics	0.05	1000	80%	Threshold	NO	1	
Ceramic tile	0.1	2200	80%	Threshold	NO	1	
Alumina	0.01	1000	60%	Threshold	NO	1	
Glass	0.1	1500	50%	Threshold	YES	1	

Material	Engraving						
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	Case illustration
Acrylic	0.1	6000	50%	Threshold	NO	1	
Translucent Acrylic	0.1	6000	13%	Threshold	NO	1	
Two color plate	0.1	5000	12%	Threshold	NO	1	
Plastic	0.1	6000	20%	Threshold	NO	1	
Resin	0.1	1500	13%	Threshold	NO	1	
High density foam board	0.1	5000	9%	Threshold	NO	1	
Rubber	0.1	5000	50%	Threshold	NO	1	
Kraft Paper	0.1	7000	15%	Jarvis	NO	1	
Office paper	0.125	3000	13%	Threshold	NO	1	

Material	Engraving						Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	
Carton	0.1	3000	15%	Threshold	NO	1	
MDF	0.085	6000	20%	Atkinson	NO	1	
Mirrors	0.08	7000	30%	Threshold	YES	1	
Rock	0.1	6000	60%	Filled	NO	1	
Crystal Stone	0.1	2000	25%	Threshold	NO	1	
PCB Board	0.1	4000	55%	Threshold	NO	1	
Mirror Stainless Steel	0.1	2000	60%	Threshold	NO	1	
Brushed Stainless Steel	0.08	1500	80%	Threshold	NO	1	
Galvanized iron	0.1	200	80%	Threshold	NO	1	
Iron sheet	0.1	500	80%	Threshold	NO	1	
Brass	0.1	1000	80%	Threshold	YES	1	

Material	Engraving						Case illustration
	Line Interval	Speed (mm/m)	Max-Power	Image Mode	Needs to be blackened	Number of passes	
Transparent Polycarbonate	0.1	7000	15%	Threshold	NO	1	
Wrench (chrome-vanadium alloy)	0.1	500	80%	Threshold	YES	1	
Cobble Stone	0.1	6000	60%	Threshold	NO	1	

Cutting Parameter for Common Material					
Material	Cutting				Case illustration
	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes	
Basswood	14	600	80%	9	
	11	130	80%	1	
Pine	15	600	80%	10	
	12	100	80%	1	
Paulownia wood	20	750	70%	9	
	14	200	80%	1	
Cork wood	15	500	100%	1	
Bamboo	5	400	80%	1	
Leather	5	1000	60%	5	

Material	Cutting				Case illustration
	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes	
Kraft Paper	0.6	2000	80%	1	
Acrylic	20	100	80%	10	
	5	100	80%	1	
MDF	8	1000	80%	7	
	5	350	80%	1	
Stainless Steel Sheet	0.05	1000	60%	1	
EVa Foam	8	1500	80%	1	
Glutinous rice paper	0.5	300	80%	1	
Drywall	15	100	80%	1	