

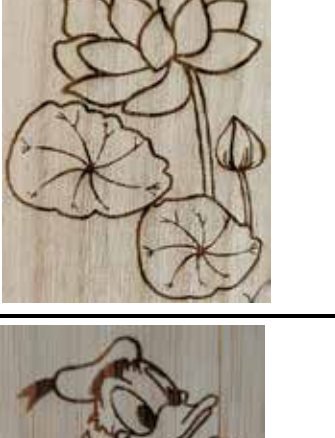















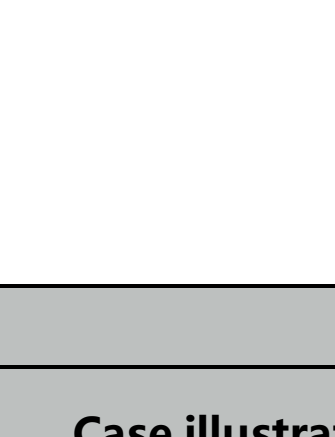








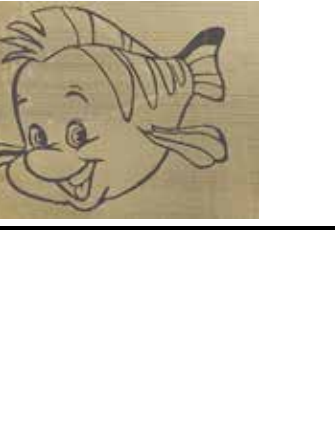
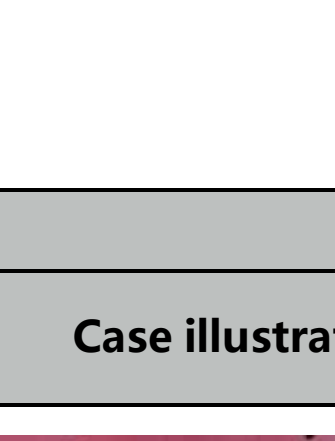




**Remark: Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.**

**Engraving Parameter for Common Material**


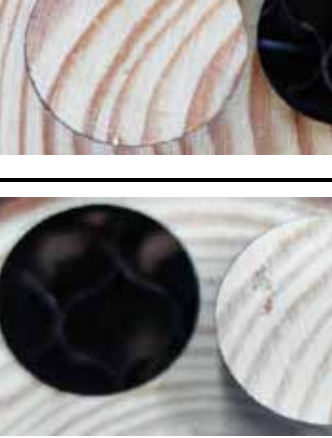





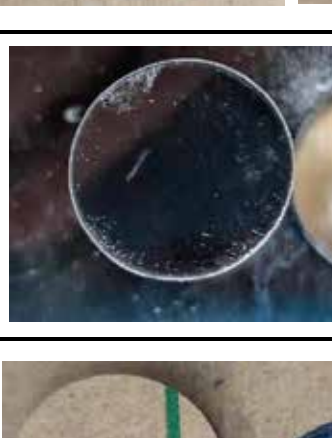

Material	Engraving					
	Quality	Speed (mm/m)	S-Max	Needs to be blackened	Number of passes	Case illustration
Basswood	10	6000	200	NO	1	
Yellow peach wood	10	7000	150	NO	1	
Pine	10	5000	200	NO	1	
Paulownia wood	10	7000	450	NO	1	
Bamboo	10	7000	500	NO	1	
Leather	10	6000	200	NO	1	
Denim	10	3000	200	NO	1	
Ceramics	20	1000	800	NO	1	
Ceramic tile	10	2200	800	NO	1	
Alumina	100	1000	600	NO	1	
Glass	10	1500	500	YES	1	

Material	Engraving					
	Line Interval	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	Case illustration
Acrylic	10	6000	500	NO	1	
Translucent Acrylic	10	6000	130	NO	1	
Two color plate	10	5000	120	NO	1	
Plastic	10	6000	200	NO	1	
Resin	10	1500	130	NO	1	
High density foam board	10	5000	90	NO	1	
Rubber	10	5000	500	NO	1	
Kraft Paper	10	7000	150	NO	1	
Office paper	8	3000	130	NO	1	

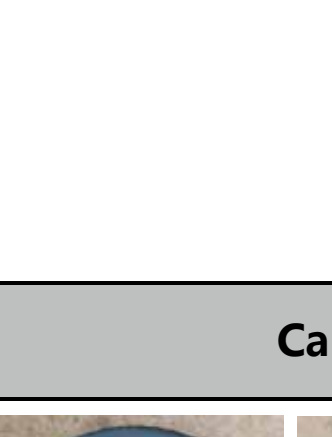




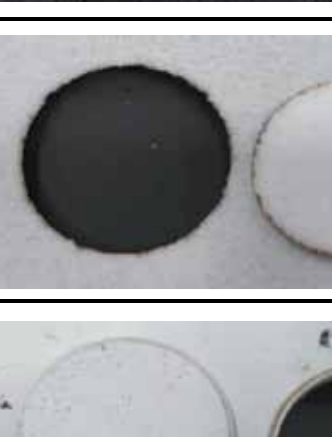
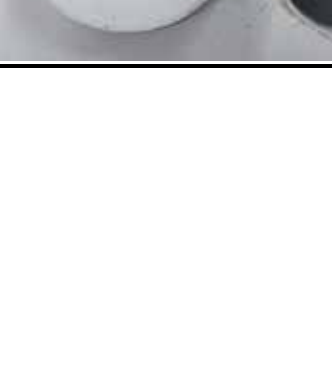
Material	Engraving					
	Line Interval	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	Case illustration
Carton	10	3000	150	NO	1	
MDF	12	6000	200	NO	1	
Mirrors	12	7000	300	YES	1	
Rock	10	6000	600	NO	1	
Crystal Stone	10	2000	250	NO	1	
PCB Board	10	4000	550	NO	1	
Mirror Stainless Steel	10	2000	600	NO	1	
Brushed Stainless Steel	12	1500	800	NO	1	
Galvanized iron	10	200	800	NO	1	
Iron sheet	10	500	800	NO	1	
Brass	10	1000	800	YES	1	

Material	Engraving					
	Line Interval	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	Case illustration
Transparent Polycarbonate	10	7000	150	NO	1	
Wrench (chrome-vanadium alloy)	10	500	800	YES	1	
Cobble Stone	10	6000	600	NO	1	

**Cutting Parameter for Common Material**

Material	Cutting				
	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes	Case illustration
Basswood	14	600	800	9	
	11	130	800	1	
Pine	15	600	800	10	
	12	100	800	1	
Paulownia wood	20	750	700	9	
	14	200	800	1	
Cork wood	15	500	1000	1	
Bamboo	5	400	800	1	
Leather	5	1000	600	5	

**Cutting**

Material	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes	Case illustration
Kraft Paper	0.6	2000	800	1	
Acrylic	20	100	800	10	
	5	100	800	1	
MDF	8	1000	800	7	
	5	350	800	1	
Stainless Steel Sheet	0.05	1000	600	1	
Eva Foam	8	1500	800	1	
Glutinous rice paper	0.5	300	800	1	
Drywall	15	100	800	1	