




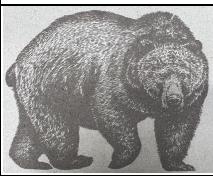



Remark: Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.










Engraving Parameter for Common Material

Material	35W Engraving					Case illustration
	Quality	Speed (mm/m)	S-Max	Needs to be blackened	Number of passes	
Basswood	12	15000	500	NO	1	
Yellow peach wood	12	10000	600	NO	1	
Pine	12	20000	800	NO	1	
Paulownia wood	12	20000	400	NO	1	
Bamboo	10	20000	500	NO	1	
Leather	12	6000	200	NO	1	
Denim	10	25000	400	NO	1	
Ceramics	12	10000	800	YES	1	
Ceramic tile	12	10000	800	YES	1	
Alumina	12	20000	800	NO	1	
Glass	12	10000	800	YES	1	

Material	35W Engraving					
	Quality	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	Case illustration
Acrylic	12	20000	700	NO	1	
Two color plate	10	8000	250	NO	1	
Plastic	12	20000	600	NO	1	
Rubber	12	10000	350	NO	1	
Kraft Paper	12	10000	230	NO	1	
Office paper	12	30000	600	NO	1	
Carton	12	25000	500	NO	1	
MDF	10	20000	350	NO	1	
Mirrors	12	10000	400	YES	1	
Rock	12	10000	500	NO	1	

Material	35W Engraving					
	Quality	Speed (mm/m)	Max-Power	Needs to be blackened	Number of passes	Case illustration
Crystal Stone	12	16000	800	YES	1	
PCB Board	12	10000	600	NO	1	
Brushed Stainless Steel	12	3000	800	NO	1	
Galvanized iron	12	8000	800	NO	1	
Iron sheet	12	10000	800	NO	1	
Brass	12	2000	800	YES	1	
Wrench (chrome-vanadium alloy)	10	3000	800	YES	1	

**Cutting Parameter for Common Material**

Material	70W fixed focus 20mm cut				
	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes	Case illustration
Basswood	20	1200	900	10	
	15	300	900	1	
Pine	25	1100	900	10	
	20	120	900	1	
Paulownia wood	20	800	900	2	
	18	350	900	1	
Cork wood	18	1000	900	1	
Bamboo	5	1000	900	1	
Leather	4	800	900	5	

Material	70W fixed focus 20mm cut				
	Thickness (mm)	Speed (mm/m)	S-Max	Number of passes	Case illustration
Kraft Paper	0.6	9000	900	1	
Acrylic	26	100	900	10	
	8	100	900	1	
MDF	12	1000	900	6	
	9	200	900	1	
Stainless Steel Sheet	0.05	1000	600	1	
EVa Foam	8	1500	300	1	
Glutinous rice paper	0.5	500	900	1	
Woolen Blanket	1.5	2000	900	1	
denim	0.6	5000	900	1	