














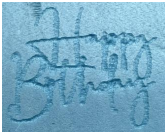



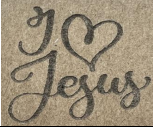













Remark: Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.










Engraving Parameter for Common Material









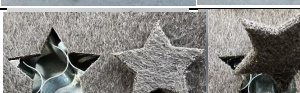
Material	35W Engraving					
	Quality	Speed (mm/m)	S-Max	Needs to be blackened	Number of passes	Case illustration
Basswood	11	10000	250	NO	1	
Yellow peach wood	10	10000	400	NO	1	
Pine	10	10000	400	NO	1	
Paulownia wood	10	10000	250	NO	1	
Bamboo	10	10000	450	NO	1	
Leather	10	10000	350	NO	1	
Denim	10	10000	200	NO	1	
Ceramics	10	10000	600	YES	1	
Ceramic tile	12	8000	300	YES	1	
Alumina	10	10000	550	NO	1	
Glass	10	6000	500	YES	1	

Material	35W Engraving					
	Quality	Speed (mm/m)	S-Max	Needs to be blackened	Number of passes	Case illustration
Acrylic	10	10000	500	NO	1	
Translucent Acrylic	10	8000	300	NO	1	
Two color plate	10	7000	200	NO	1	
Plastic	12	10000	450	NO	1	
High density foam board	10	8000	130	NO	1	
Rubber	10	8000	350	NO	1	
Kraft Paper	10	9000	300	NO	1	
Office paper	10	10000	270	NO	1	

Material	Engraving					
	Quality	Speed (mm/m)	S-Max	Needs to be blackened	Number of passes	Case illustration
Carton	10	8000	250	NO	1	
MDF	11	10000	250	NO	1	
Mirrors	10	10000	350	YES	1	
Rock	12	10000	600	NO	1	
Crystal Stone	10	7000	400	NO	1	
PCB Board	10	8000	600	NO	1	
Hard maple	12	10000	600	NO	1	
Brushed Stainless Steel	15	6000	500	NO	1	
Galvanized iron	15	3000	900	YES	1	
Iron sheet	10	6000	800	YES	1	
Brass	10	2000	800	YES	1	

Material	Engraving					
	Quality	Speed (mm/m)	S-Max	Needs to be blackened	Number of passes	Case illustration
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	