















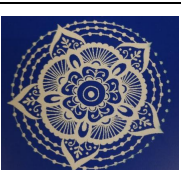
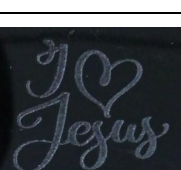
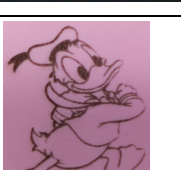

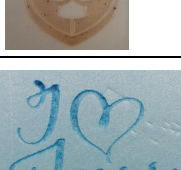









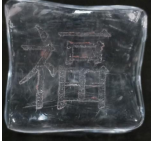









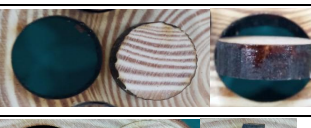









Remark: Our parameter list is only for the most widely used materials. Customers may need to try other uncommon materials by themselves, or they can contact us to apply for testing.

Engraving Parameter for Common Material

| Material | Line Interval | Speed (mm/m) | Max-Power | Image Mode | Needs to be blackened | Number of passes | Case illustration |
|-------------------|---------------|--------------|-----------|------------|-----------------------|------------------|---|
| Basswood | 0.1 | 3000 | 25% | Jarvis | NO | 1 |  |
| Cedarwood | 0.1 | 3000 | 30% | Threshold | NO | 1 |  |
| Beech | 0.1 | 3000 | 40% | Threshold | NO | 1 |  |
| Yellow peach wood | 0.1 | 3000 | 25% | Threshold | NO | 1 |  |
| Mahogany | 0.1 | 3000 | 35% | Threshold | NO | 1 |  |
| Pine | 0.1 | 3000 | 25% | Jarvis | NO | 1 |  |
| Paulownia Wood | 0.1 | 3000 | 50% | Jarvis | NO | 1 |  |
| Bamboo | 0.1 | 3000 | 30% | Threshold | NO | 1 |  |
| Leather | 0.1 | 3000 | 15% | Threshold | NO | 1 |  |
| Denim | 0.1 | 2000 | 20% | Threshold | NO | 1 |  |
| Ceramics | 0.1 | 400 | 70% | Threshold | Yes | 1 |  |

| Material | Line Interval | Speed (mm/m) | Max-Power | Image Mode | Needs to be blackened | Number of passes | Case illustration |
|-------------------------|---------------|--------------|-----------|------------|-----------------------|------------------|--|
| Ceramic Tile | 0.1 | 300 | 80% | Threshold | NO | 1 |  |
| Alumina | 0.1 | 500 | 80% | Threshold | NO | 1 |  |
| Glass | 0.1 | 1000 | 70% | Threshold | Yes | 1 |  |
| Acrylic | 0.1 | 3000 | 25% | Threshold | NO | 1 |  |
| Translucent Acrylic | 0.1 | 3000 | 20% | Jarvis | NO | 1 |  |
| Two color plate | 0.1 | 3000 | 20% | Threshold | NO | 1 |  |
| Plastic | 0.1 | 3000 | 20% | Threshold | NO | 1 |  |
| Resin | 0.1 | 2000 | 40% | Threshold | NO | 1 |  |
| Artificial beef bone | 0.1 | 1000 | 50% | Threshold | NO | 1 |  |
| High density foam board | 0.1 | 3000 | 30% | Threshold | NO | 1 |  |

| Material | Line Interval | Speed (mm/m) | Max-Power | Image Mode | Needs to be blackened | Number of passes | Case illustration |
|------------------------|---------------|--------------|-----------|------------|-----------------------|------------------|---|
| Rubber | 0.1 | 2000 | 50% | Threshold | NO | 1 |  |
| Kraft Paper | 0.1 | 3000 | 20% | Jarvis | NO | 1 |  |
| Office Paper | 0.1 | 1500 | 20% | Threshold | NO | 1 |  |
| Oil Painting Paper | 0.1 | 3000 | 30% | Threshold | NO | 1 |  |
| Carton | 0.1 | 3000 | 50% | Threshold | NO | 1 |  |
| MDF | 0.08 | 3000 | 20% | Atkinson | NO | 1 |  |
| Mirrors | 0.1 | 3000 | 20% | Threshold | YES | 1 |  |
| Rock | 0.1 | 1000 | 80% | Threshold | NO | 1 |  |
| Cobblestone | 0.1 | 1000 | 60% | Jarvis | NO | 1 |  |
| Crystal Stone | 0.1 | 500 | 20% | Threshold | YES | 1 |  |
| PCB Board | 0.1 | 2000 | 70% | Threshold | NO | 1 |  |
| Mirror Stainless Steel | 0.1 | 100 | 80% | Threshold | NO | 1 |  |

| Material | Line Interval | Speed (mm/m) | Max-Power | Image Mode | Needs to be blackened | Number of passes | Case illustration |
|--|---------------|--------------|-----------|------------------|---|------------------|--|
| Brushed Stainless Steel | 0.08 | 300 | 80% | Threshold | NO | 1 |  |
| Cutting Parameter for Common Material | | | | | | | |
| Material | Thickness | Speed (mm/m) | S-Max | Number of passes | Case illustration | | |
| Basswood | 5mm | 700 | 80% | 5 |  | | |
| | | 1000 | 80% | 8 |  | | |
| | | 170 | 80% | 1 |  | | |
| Cedarwood | 10mm | 150 | 80% | 2 |  | | |
| Pine | 7mm | 300 | 80% | 8 |  | | |
| | 5mm | 100 | 80% | 1 |  | | |
| Paulownia wood | 8mm | 700 | 80% | 8 |  | | |
| | 7mm | 150 | 80% | 1 |  | | |
| Cork wood | 10mm | 1800 | 80% | 10 |  | | |
| Bamboo | 2mm | 400 | 80% | 1 |  | | |
| Leather | 2mm | 100 | 80% | 1 |  | | |
| Kraft Paper | 0.2mm | 3500 | 80% | 1 |  | | |
| Acrylic | 10mm | 100 | 80% | 5 |  | | |
| | 4mm | 100 | 80% | 1 |  | | |