THUNDER LASER

Suggested Material Settings for Aurora lite-50w

Matrerial	Marking Result	Speed (mm/s)	Power %	Frequency KHz	Fill Mode	Line Interval (mm)	No. of Passes
304 Stainless Steel	Black	200mm/s	10%	100KHZ	Bi-directional	0.02mm	10
	White	1700mm/s	20%	50KHZ	CrossHatch	0.02mm	1
Carbon Steel	Black	100mm/s	10%	50KHZ	CrossHatch	0.02mm	1
	White	900mm/s	20%	60KHZ	Bi-directional	0.02mm	1
Brass	Black	100mm/s	50%	50KHZ	Bi-directional	0.02mm	1
	White	400mm/s	30%	50KHZ	Bi-directional	0.02mm	1
Aluminium	White	3500mm	80%	50KHZ	Bi-directional	0.02mm	1
ABS	Black	1000mm/s	20%	50KHZ	Bi-directional	0.04mm	1
Mirror Finished Stainless Steel	Black	100mm/s	20%	90KHZ	Bi-directional	0.02mm	1
	White	1000mm/s	30%	80KHZ	Bi-directional	0.04mm	1
Galvanized Iron Sheet	Black	100mm/s	40%	100KHZ	Bi-directional	0.028mm	1
	White	800mm/s	50%	100KHZ	Bi-directional	0.0423mm	1
Slate	White	200mm/s	20%	60KHZ	Bi-directional	0.02mm	1
Magnesium Sheet	White	4000mm/s	40%	100KHZ	Bi-directional	0.02mm	1
	Black	100mm/s	40%	50KHZ	Bi-directional	0.02mm	1
Nickel Sheet	White	3000mm/s	30%	50KHZ	Bi-directional	0.02mm	1
	Black	100mm/s	40%	60KHZ	Bi-directional	0.005mm	1
Titanium Sheet	Ice mirror	1000mm/s	20%	100KHZ	Bi-directional	0.02mm	5
	Dark Blue	100mm/s	10%	90KHZ	Bi-directional	0.001mm	1
Black Acrylic Sheet	White	3500mm	15%	100KHZ	Bi-directional	0.02mm	2
Gold	White	1000mm/s	35%	50KHZ	CrossHatch	0.02mm	3
Silver	White	1000mm/s	30%	50KHZ	CrossHatch	0.02mm	1
	Black	50mm/s	70%	50KHZ	Bi-directional	0.01mm	3
PU leatherette	Black	1000mm/s	25%	50KHZ	Bi-directional	0.045mm	1
PET	Black	4000mm/s	45%	50KHZ	Bi-directional	0.02mm	1
PBT	Black	3000mm/s	40%	100KHZ	Bi-directional	0.02mm	1