

Material	Gas	Thickness (mm)	1000W	1500W	2000W	3000W	4000W
			Cutting speed (meter/min)				
Carbon steel glossy	O2	3	2.8~3	2.9~3.2	3.4~3.6	4~4.2	/
		4	2.2~2.4	2.4~2.6	3.1~3.2	3.4~3.7	/
		5	/	1.8~2.0	1.9~2.2	2.7~3.0	/
		6	/	/	2~2.2	2.6~2.9	2.8~2.9
		8	/	/	/	2.1~2.3	2.3~2.4
		10	/	/	/	/	1.8~1.9
Carbon steel frosted	O2	5	1.5~1.7	/	/	/	/
		6	1.2~1.4	1.6~1.8	/	/	/
		8	1.0~1.1	1.1~1.3	1.5~1.7	/	/
		10	0.75~0.85	0.9~1.0	1.2~1.4	1.4~1.6	/
		12	0.6~0.65	0.8~0.9	1~1.1	1.0~1.1	1.3~1.5
		14	×	0.6~0.7	0.9~1.0	0.85~0.95	0.9~1
		16	×	0.5~0.6	0.8~0.85	0.8~0.9	0.8~0.9
		18	×	×	0.7~0.75	0.65~0.75	0.7~0.8
		20	×	×	0.55~0.6	0.6~0.65	0.6~0.65
		22	×	×	×	0.5~0.6	0.55~0.6
25	×	×	×	0.5~0.6	0.5~0.55		
304 SUS	N2	1	21~23	32~35	45~48	58~65	78~80
		2	6.5~7	9~10	14~15	22~25	30~33
		3	2.3~2.5	4.2~4.5	6.5~7	10~11	12~14
		4	1.4~1.6	2.1~2.3	3.5~4	6.5~7.5	7.5~8.5
		6	0.5~0.6	1.0~1.2	1.3~1.5	3.2~3.5	4.3~4.5
		8	×	0.5~0.6	0.7~0.8	1.3~1.6	1.8~2
		10	×	×	0.55~0.6	0.7~0.8	1.2~1.4
		12	×	×	×	0.55~0.65	0.8~0.9
14	×	×	×	×	0.35~0.4		
Brass	Please check with Lightobject for more information						
Aluminum	Please check with Lightobject for more information						
	The material with the listed thickness indicates that it can be used for mass production						
	The material with the listed thickness indicates that it can be processed, but as the temperature of the material rises, the cutting air pressure fluctuates, the						
	The material with the listed thickness indicates that it can be cut but cannot be processed in batches.						
Remark1	single module 50 nm						
Remark2	Due to differences in equipment configurations and cutting processes (machine tools, water cooling, environment, cutting nozzles, gas pressure, etc.) used by different customers, this data is for reference only.						