

Everlast 82i Cut Chart

Metal Type	Thickness	Thickness	Speed	Speed	Amps	Tip Size	Cut Height	(PSI)		Notes
	IMP	MM	IPM	MM/M	Amps	MM	IMP	PSI	PSI	
Mild Steel	26g	0.45	236	6000	20	0.9	0.06"	40		
	20g	0.9		0	20	0.9	0.06"	40		
	18g	1.2		3000	25	0.9	0.06"	45		
	16g	1.6	110	2800	30	0.9	0.06"	50		
	10g	3.2	87	2200	40	0.9	0.06"	55		
	3/16"	4.7	63	1600	45	1	0.06"	60		
	1/4"	6.3	47	1200	45	1	0.06"	60		
	5/16"	8	43	1100	50	1	0.06"	65		
	3/8"	9.5	39	1000	55	1	0.06"	70		
	1/2"	12.7	24	600	60	1	0.06"	75		
	1/2"	1/2"	7	183	50	1.1	0.06"	60		1.5s pierce delay
	5/8"	15.8	18	450	60	1	0.06"	75		
	3/4"	19	12	300	60	1	0.06"	75		

Metal Type	Thickness	Thickness	Speed	Speed	Amps	Tip Size	Cut Height	Air Pressure (PSI)		Notes
	IMP	MM	IPM	MM/M	Amps	MM	IMP	PSI	PSI	
	3/4"	3/4"	9	240	60	1	0.06"	75		

Metal Type	Thickness	Thickness	Speed	Speed	Amps	Tip Size	Cut Height	Air Pressure (PSI)		Notes	
	IMP	MM	IPM	MM/M	Amps	MM	IMP	PSI	PSI		
Aluminum	26g	0.45	272	6900	20	0.9	0.06"	40			
	20g	0.9		0	20	0.9	0.06"	40			
	18g	1.2	25	3200	25	0.9	0.06"	45			
	16g	1.6	127	3220	30	0.9	0.06"	50			
	10g	3.2	100	2530	40	0.9	0.06"	55			
	3/16"	4.7	72	1840	45	1	0.06"	60			
	1/4"	6.3	54	1380	45	1	0.06"	60			
	5/16"	8	50	1265	50	1	0.06"	65			
	3/8"	9.5	45	1150	55	1	0.06"	70			
	1/2"	12.7	27	690	60	1	0.06"	75			
	5/8"	15.8	20	517	60	1	0.06"	75			
	3/4"	19	14	345	60	1	0.06"	75			
	Stainless	26g	0.45	189	4800	20	0.9	0.06"	40		
		20g	0.9		0	20	0.9	0.06"	40		
18g		1.2		0	25	0.9	0.06"	45			
16g		1.6	88	2240	30	0.9	0.06"	50			
10g		3.2	69	1760	40	0.9	0.06"	55			
3/16"		4.7	50	1280	45	1	0.06"	60			
1/4"		6.3	38	960	45	1	0.06"	60			
5/16"		8	35	880	50	1	0.06"	65			
3/8"		9.5	32	800	55	1	0.06"	70			
1/2"		12.7	19	480	60	1	0.06"	75			

