



- Koike Standard tips
- Suitable for both hand and machine cutting

Inches							
Plate Thickness	Tip No.	Cutting Speed in/min	Oxygen Cutting	PSIG Preheat*	Fuel PSIG	Kerf Width	
1/16	000	30	20	20	2.8	0.03	
1/8	00	27	20	20	2.8	0.04	
1/4	0	24	30	30	2.8	0.05	
3/8	0	22	30	30	2.8	0.06	
1/2	1	21	40	40	2.8	0.07	
3/4	2	18	45	45	3.6	0.08	
1	2	17	45	45	3.6	0.08	
1-1/2	3	14	45	45	3.6	0.09	
2	4	12.5	45	45	4.3	0.11	
1-1/2	5	11	55	55	4.3	0.12	
3	5	10	55	55	4.3	0.12	
4	6	8	55	55	5.7	0.14	
5	6	7	55	55	5.7	0.14	
6	7	6	65	65	5.7	0.16	
8	7	5	65	65	5.7	0.17	
10	8	3	65	65	5.7	0.23	
12	8	2	65	65	5.7	0.27	

Metric		*Preheat oxygen pressure for 3 hose torch only					
Plate Thickness	Tip No.	Pressure kg/cm <sup>2</sup>		Consumption NI/hr.			
		Oxygen	Fuel Gas	Cutting Oxygen	Preheat Oxygen	Fuel Gas	Cutting Speed mm/min
5	00	1.5	0.2	690	1180	310	660
5 - 10	0	2.0	0.2	1200	1180	310	660 - 550
10 - 15	1	2.5	0.2	2100	1180	310	550 - 490
15 - 30	2	3.0	0.25	3400	1370	360	490 - 400
30 - 40	3	3.0	0.25	4300	1370	360	400 - 350
40 - 50	4	3.5	0.3	6500	1860	490	350 - 320
50 - 100	5	4.0	0.3	11000	1860	490	320 - 200
100 - 150	6	4.0	0.3	15000	3040	800	200 - 150
150 - 250	7	4.5	0.4	22000	3720	980	150 - 80
250 - 300	8	4.5	0.4	28000	3720	980	80 - 45