

SC50 Styles



General and heavy cutting for hand and machine cutting up to 20" (508mm) thick steel.

Propane

Metal Thickness		tip size	Pressure (PSIG)				kerf width	Consumption (SCFH)			speed I.P.M.	Drill Size cutting jet	recm'd no. of fuel gas cyls.*
mm	inch		cutting reg.	oxygen torch	preheat oxy	preheat propane		oxygen cutting	preheat	fuel preheat			
6	1/4"	0	30	30	10	10	.055	40	47	13	22	62	1
10	3/8"	0	35	35	10	10	.055	50	47	13	20	62	1
13	1/2"	1	35	35	10	10	.080	75	70	15	19	56	1
16	5/8"	1	40	40	10	10	.080	85	70	15	17	56	1
19	3/4"	2	36	35	10	10	.095	105	70	15	16	54	1
25.4	1"	2	41	40	10	10	.095	115	70	15	14	54	1
32	1-1/4"	2	51	50	10	10	.095	135	75	16	13	54	1
38	1-1/2"	3	42	40	10	10	.100	170	75	16	12	51	1
51	2"	3	47	45	10	10	.100	180	75	16	10	51	1
64	2-1/2"	4	38	35	10	10	.125	240	75	16	9	45	1
76	3"	4	44	40	10	10	.125	265	75	16	8	45	1
102	4"	4	54	50	10	10	.125	315	80	17	7	45	1
127	5"	5	56	50	10	10	.150	420	80	17	7	41	1
152	6"	5	67	60	10	10	.150	485	80	17	6	41	1
203	8"	5	78	70	10	10	.150	550	90	20	5	41	1
254	10"	6	83	70	10	10	.230	750	230	50	5	32	2
304	12"	6	125	90	10	10	.230	975	280	60	4.5	32	2
354	14"	7	125	90	10	10	.250	1250	330	62	4.0	28	2
406	16"	8	125	90	10	10	.300	1500	375	80	3.5	17	2
457	18"	8	125	90	10	10	.340	1800	400	85	3.5	17	2
508	20"	9	125	90	10	10	.350	2150	420	90	3.0	3	2

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Natural Gas

Metal Thickness mm	inch	tip size	Pressure (PSIG)				kerf width	Consumption (SCFH)			speed I.P.M.	Drill Size cutting jet
			cutting reg.	oxygen torch	preheat oxy	natl. gas		oxygen cutting	preheat	fuel preheat		
6	1/4"	0	30	30	6	5	.055	40	62	38	22	62
10	3/8"	0	35	35	6	5	.055	50	62	38	20	62
13	1/2"	1	35	35	8	6	.080	75	70	40	19	56
16	5/8"	1	40	40	8	6	.080	85	70	40	17	56
19	3/4"	2	36	35	8	6	.095	105	70	40	16	54
25.4	1"	2	41	40	8	6	.095	115	70	40	14	54
32	1-1/4"	2	51	50	8	6	.095	135	70	40	13	54
38	1-1/2"	3	42	40	8	6	.100	170	70	40	12	51
51	2"	3	47	45	8	6	.100	180	70	40	10	51
64	2-1/2"	4	38	35	8	6	.125	240	70	45	9	45
76	3"	4	44	40	8	6	.125	265	75	45	8	45
102	4"	4	54	50	8	6	.125	315	75	45	7	45
127	5"	5	56	50	8	6	.150	420	75	50	7	41
152	6"	5	67	60	8	6	.150	485	82	50	6	41
203	8"	5	78	70	8	6	.150	550	82	50	5	41
254	10"	6	83	70	10	8	.230	750	120	75	5	32
304	12"	6	125	90	15	12	.230	975	165	100	4.5	32
354	14"	7	125	90	20	16	.250	1250	200	120	4.0	28
406	16"	8	125	90	20	18	.300	1500	220	135	3.5	17
457	18"	8	125	90	25	23	.340	1800	250	150	3.5	17
508	20"	9	125	90	25	23	.350	2150	250	150	3.0	3