

SC12 Styles



For general hand and machine cutting.
Provides great preheat characteristics
for machine cutting.
Six (6) preheat cutting tips

Metal Thickness mm	Metal Thickness inch	tip size	Pressure (PSIG)				kerf width	Consumption (SCFH)			speed I.P.M.	Drill Size	
			cutting reg.	oxygen torch	preheat oxy	preheat acety.		oxygen cutting	preheat	fuel preheat		cutting jet	preheat
5	3/16"	00	20	20	10†	10	.050	24	7	6.5	26	68	75
6	1/4"	0	30	30	10†	10	.055	40	7.5	7	22	62	74
10	3/8"	0	35	35	10†	10	.055	50	7.5	7	20	62	74
13	1/2"	1	35	35	10†	10	.080	75	11	9.5	19	56	71
16	5/8"	1	40	40	10†	10	.080	85	11	9.5	17	56	71
19	3/4"	2	36	35	10†	10	.095	105	12	10.5	16	54	70
25	1"	2	41	40	10†	10	.095	115	12	10.5	14	54	70
32	1-1/4"	2	51	50	10†	10	.095	135	12	10.5	13	54	70
38	1-1/2"	3	42	40	10†	10	.100	170	14	12	12	51	68
51	2"	3	47	45	10†	10	.100	180	14	12	10	51	68
64	2-1/2"	4	38	35	10†	10	.125	240	15	13	9	45	62
76	3"	4	44	40	10†	10	.125	265	15	13	8	45	62
102	4"	4	54	50	10†	10	.125	315	16	14	7	45	62
127	5"	5	56	50	10†	10	.150	420	30	26*	7	41	57
152	6"	5	67	60	10†	10	.150	485	30	26*	6	41	57
203	8"	5	78	70	10†	10	.150	550	30	26*	5.5	41	57
254	10"	6	83	70	10†	10	.230	750	32	28*	5	32	57
305	12"	6	125	90	10†	10	.230	975	32	28*	4.5	32	57

† Listed pressure for 3-hose machine cutting torches only.
*Minimum of one 350 cu. ft. cylinder required.

See other side for MC12 Styles

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Cutting tips for medium duty hand cutting.
Use with moderate pressure acetylene and oxygen.

Metal Thickness mm	Metal Thickness inch	tip size	Pressure (PSIG)		Consumption (SCFH)			kerf width	Drill Size	
			oxy	acety.	oxygen cutting	acety. preheat	acety. preheat		cutting jet	preheat
3	1/8"	00	20*	10	30	7	6	.050	68	75
5	3/16"	00	20*	10	30	7	6	.050	68	75
6	1/4"	0	35*	10	40	7	6	.055	62	75
10	3/8"	0	40*	10	46	7	6	.055	62	75
13	1/2"	1	45*	10	75	9	7	.080	55	74
16	5/8"	1	50*	10	81	9	7	.080	55	74
19	3/4"	2	50*	10	107	11	9	.095	54	71
25.4	1"	2	55*	10	118	11	9	.095	54	71
38	1 1/2"	3	55*	10	170	12	10	.100	51	70
51	2"	3	60*	10	181	12	10	.100	51	70
64	2 1/2"	4	65*	10	249	14	12	.125	45	70
76	3"	4	70*	10	267	14	12	.125	45	70
102	4"	4	65	10	320	15	13	.125	45	70
127	5"	5	80	10	420	15	13	.150	41	70
152	6"	6	90	10	485	15	13	.150	41	70

* Increase pressure 10-15 PSIG when using AC309 cutting attachment.

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