

CUT CHARTS

OXY-FUEL

SC12 STYLES

Metal Thickness			Pressure (PSIG)					Consumption (SCFH)				Drill Size	
			Cutting Oxygen		Preheat			Oxygen					
mm	Inch	Tip Size	Reg.	Torch	Оху	Acety.	Kerf Width	Cutting	Preheat	Fuel Preheat	Speed I.P.M.	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.

AmericanTorchTip.com 941-753-7557 sales@attcusa.com

† American Torch Tip Company is in no way affiliated with the above-named manufacturer(s). References to the above-named machines, torches and numbers are for your convenience only. American Torch Tip is not necessarily authorized by the above-named manufacturer(s) to provide replacement parts. Most parts advertised for sale are made by, or for, American Torch Tip Company and other parts, as indicated, are original parts manufactured by the above-named OEM and are simply being resold by American Torch Tip Company. Part numbers followed by an * are manufactured by the respective OEM.



CUT CHARTS

OXY-FUEL

Compatible with **Smith**®

MC12 STYLES

Metal Thickness			Pressure (PSIG)		Consumption (SC	CFH)	Drill Size			
mm	inch	Tip Size	Оху	Acety.	Oxygen Cutting	Oxygen Preheat	Acety. Preheat	Kerf Width	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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