

Heavy Duty "SC" Acetylene



SC12 Series

SC12 Series

Six preheat cutting tips for general hand and machine cutting. Provides excellent preheat characteristics required for machine cutting.

USE IN: Cutting Attachments - DG200 & SC200 Series
(Maximum size SC12-5). All SC & DG Series Hand Torches. All Machine Torches.

Oxy-Acetylene

Tips

Tip Number	Metal Thickness		Pressure - PSIG				Kerf Width	Consumption - SCFH			Speed I.P.M.	Drill Size	
			Cutting Oxygen		Preheat			Oxygen		Fuel Preheat		Jet	Preheat
	Inches	mm	Reg.	Torch	Oxy	Acety.		Cutting	Preheat				
SC12-00	3/16"	5	20	20	10†	10	.050	24	7	6.5	26	68	75
SC12-0	1/4"	6	30	30	10†	10	.055	40	7.5	7	22	62	74
SC12-0	3/8"	10	35	35	10†	10	.055	50	7.5	7	20	62	74
SC12-1	1/2"	13	35	35	10†	10	.080	75	11	9.5	19	56	71
SC12-1	5/8"	16	40	40	10†	10	.080	85	11	9.5	17	56	71
SC12-2	3/4"	19	36	35	10†	10	.095	105	12	10.5	16	54	70
SC12-2	1"	25	41	40	10†	10	.095	115	12	10.5	14	54	70
SC12-2	1-1/4"	32	51	50	10†	10	.095	135	12	10.5	13	54	70
SC12-3	1-1/2"	38	42	40	10†	10	.100	170	14	12	12	51	68
SC12-3	2"	51	47	45	10†	10	.100	180	14	12	10	51	68
SC12-4	2-1/2"	64	38	35	10†	10	.125	240	15	13	9	45	62
SC12-4	3"	76	44	40	10†	10	.125	265	15	13	8	45	62
SC12-4	4"	102	54	50	10†	10	.125	315	16	14	7	45	62
SC12-5	5"	127	56	50	10†	10	.150	420	30	26*	7	41	57
SC12-5	6"	152	67	60	10†	10	.150	485	30	26*	6	41	57
SC12-5	8"	203	78	70	10†	10	.150	550	30	26*	5.5	41	57
SC12-6	10"	254	83	70	10†	10	.230	750	32	28*	5	32	57
SC12-6	12"	305	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.

WARNING: High gas withdrawal rates will require cylinder manifolding. Consult your gas supplier.

Heavy Duty "SC" Acetylene



Heavy Duty Cutting
SC56 Series

SC56 Series Heavy Preheat

Heavy preheat cutting tips designed for cutting coated metals, heavy piercing, fast preheating and cutting thick steel sections up to 24" (610mm).

USE IN: Cutting Attachments - DG200 & SC200 Series
(Maximum size SC56-5). All SC & DG Series Hand Torches.
2-Hose Machine Cutting Torches (Maximum size SC56-8). 3-Hose Machine Cutting Torch.

Oxy-Acetylene

Tip Number	Metal Thickness		Pressure - PSIG				Kerf Width	Consumption - SCFH			Speed I.P.M.	Drill Size		Recm'd No. of Cylinders*
			Cutting Oxygen		Preheat PSI			Oxygen		Fuel Preheat		Jet	Preheat	
	Inches	mm	Reg.	Torch	Oxy	Fuel		Cutting	Preheat					
SC56-1	1/2"	13	35	35	10†	10	.080	75	33	30	19	56	65	1
SC56-1	5/8"	16	40	40	10†	10	.080	85	33	30	17	56	65	1
SC56-2	3/4"	19	36	35	10†	10	.095	105	33	30	16	54	60	1
SC56-2	1"	25	41	40	10†	10	.095	115	33	30	14	54	60	1
SC56-2	1-1/4"	32	51	50	10†	10	.095	135	33	30	13	54	60	1
SC56-3	1-1/2"	38	42	40	10†	10	.100	170	43	39	12	51	57	1
SC56-3	2"	51	47	45	10†	10	.100	180	50	45	10	51	57	1
SC56-5	2" - 5"	127	56	50	10†	10	.150	420	57	52	7	41	54	2
SC56-5	6"	152	67	60	10†	10	.150	485	66	60	6	41	54	2
SC56-5	8"	203	78	70	10†	10	.150	550	72	65	5.5	41	54	2
SC56-7	8" - 14"	356	100	85	10†	10	.250	1250	110	100	4	28	54	2
SC56-9	14" - 20"	508	110	70	14†	12	.350	2150	145	130	3	3	54	3
SC56-9	24"	610	130	85	15†	13	.360	2600	175	160	2.5	3	54	4

† Listed pressure for 3-hose machine cutting torches only. Pressures shown are for 25' (7.6m) or less of 3/8" (10mm) I.D. hose. Increase pressures if longer hose is used. Use 1/2" (13mm) I.D. hose when hose length exceeds 100' (31m). * Cylinders required, based on 350 cu. ft. cylinder

