



SC12 Series One Piece Cutting Tips (Oxy-Acetylene)

Unit Price	Tip Number	Metal Thickness	Pressure - PSIG				Consumption - SCFH				Kerf Width	Drill Size	
			Cutting Oxygen		Preheat		Oxygen		Fuel	Speed		Cutting Jet.	Preheat SC12's
			Reg.	Torch	Oxy	Acety.	Cutting	Preheat	Preheat	I.P.M.			
\$24.50 EA	SC12-00	3/16"	20	20	10†	10	24	7	6.5	26	.050	68	75
\$24.50 EA	SC12-0	1/4"	30	30	10†	10	40	7.5	7	22	.055	62	74
		3/8"	35	35	10†	10	50	7.5	7	20	.055	62	74
\$24.50 EA	SC12-1	1/2"	35	35	10†	10	75	11	9.5	19	.080	56	71
		5/8"	40	40	10†	10	85	11	9.5	17	.080	56	71
\$24.50 EA	SC12-2	3/4"	36	35	10†	10	105	12	10.5	16	.095	54	70
		1"	41	40	10†	10	115	12	10.5	14	.095	54	70
		1 1/4"	51	50	10†	10	135	12	10.5	13	.095	54	70
\$24.50 EA	SC12-3	1 1/2"	42	40	10†	10	170	14	12	12	.100	51	68
		2"	47	45	10†	10	180	14	12	10	.100	51	68
\$24.50 EA	SC12-4	2 1/2"	38	35	10†	10	240	15	13	9	.125	45	62
		3"	44	40	10†	10	265	15	13	8	.125	45	62
		4"	54	50	10†	10	315	16	14	7	.125	45	62
\$29.95 EA	SC12-5	5"	56	50	10†	10	420	30	26*	7	.150	41	57
		6"	67	60	10†	10	485	30	26*	6	.150	41	57
		8"	78	70	10†	10	550	30	26*	5.5	.150	41	57
\$29.95 EA	SC12-6	10"	83	70	10†	10	750	32	28*	5	.230	32	57
		12"	125	90	10†	10	975	32	28*	4.5	.230	32	57



SC12 Series

Smith's cutting tips are swaged from high quality copper to assure smoothest possible gas passages for decreased slag accumulation and increased cutting speeds. All Smith cutting tips feature the slip-in design that hand-tightens to form a perfect, positive seal, protected recessed heat resistant seats and the extra safety of in-tip gas mixing.

† Listed pressure for 3-hose machine cutting torches only.
 *One 350 cu. ft. required
 WARNING: High gas withdrawal rates will require cylinder manifolding. Consult us.

USE IN: *Cutting Attachments* – SC-200, SC-205, SC-209, SC-505, SC-509 (Maximum size SC12-6) and *PIPELINER MC-400 Series* (Maximum size SC12-4). *Cutting Torches* – SILVER STAR, TUFF TONY; *Machine Cutting Torches* SC770, SC771, SC780A, SC781A and SC782A

Special Purpose Tips (Standard "SC" Series) (Oxy-Acetylene)

Unit Price	Part Number	Application	Capacity	Uses Oxygen &	Pressures - PSIG @ Req.		Consumption – SCFH		Drill Size	
					Oxygen	Acetylene	Oxygen	Acetylene	Cutting	Preheat
\$49.95 EA	SC13-3	Gouging	3/8" wide x 1/4" deep	Acetylene	20	10	151	35	50 29	59
\$49.95 EA	SC13-5	Gouging	1/2" wide x 3/8" deep	Acetylene	25	10	246	50	39 10	55
\$49.95 EA	SC14-3	Rivet Cutting	1 1/2" rivets	Acetylene	35-40	10	190	20	51	56
\$49.95 EA	SC15-2	Metal Washing	1/2" wide x 3/8" deep	Acetylene	30	10	336	40	3	57
\$48.00 EA	SC17-0	Plate or Thin Sheet Cutting	3/8"	Acetylene	20	10	55	4	62	62
\$53.00 EA	SC110	Heating	123,238 BTU's	Acetylene	10	10	98	86**	NA	60
\$96.00 EA	SC80-1	Flue Cutting Use with 180° Head	5/8"	Acetylene	35-45	10	96	9.5	56	68
\$65.00 EA	SCW107	Welding Tip for Cutting Torch	3/16"	Acetylene	10	10	12	12	NA	NA



**2 cylinders required - based on 350 cu. ft. cylinder.