

## Heavy Duty "SC" / Propylene (Also propylene based fuel gases)

### SC60 Series

### Oxy-Propylene

Two-piece medium preheat cutting tips designed to provide optimum performance with propylene or propylene base fuel gases.

**USE IN:** Cutting Attachments - DG200 & SC200 Series (Maximum size SC60-5).  
All SC & DG Series Hand Torches.  
2-Hose Machine Cutting Torches (Maximum size SC60-6).  
All 3-Hose Machine Cutting Torches.



SC60 Series Medium Preheat Two-Piece

Tips

Tip Number	Metal Thickness		Pressure - PSIG				Kerf Width	Consumption - SCFH			Speed I.P.M.	Drill Size Cutting Jet
			Cutting Oxygen		Preheat PSI			Oxygen		Propylene		
	Inches	mm	Reg.	Torch	Oxy	Propylene		Cutting	Preheat	Preheat		
SC60-0	1/4"	6	30	30	10†	10	.053	40	38	9	22	62
SC60-0	3/8"	10	35	35	10†	10	.055	50	38	9	20	62
SC60-1	1/2"	13	35	35	10†	10	.080	75	38	9	19	56
SC60-1	5/8"	16	40	40	10†	10	.080	85	38	9	17	56
SC60-2	3/4"	19	36	35	10†	10	.095	105	38	9	16	54
SC60-2	1"	25.4	41	40	10†	10	.095	115	38	9	14	54
SC60-2	1 1/4"	32	51	50	10†	10	.095	135	38	9	13	54
SC60-3	1 1/2"	38	42	40	10†	10	.100	170	38	9	12	51
SC60-3	2"	51	47	45	10†	10	.100	180	38	9	10	51
SC60-4	2 1/2"	64	38	35	12†	10	.125	240	58	15	9	45
SC60-4	3"	76	44	40	12†	10	.125	265	58	15	8	45
SC60-4	4"	102	54	50	12†	10	.125	315	58	15	7	45
SC60-5	5"	127	56	50	12†	10	.150	420	58	15	7	41
SC60-5	6"	153	67	60	12†	10	.150	485	58	15	6	41
SC60-5	8"	203	78	70	12†	10	.150	550	58	15	5	41
SC60-6	10"	254	83	70	12†	10	.230	750	58	15	5	32
SC60-6	12"	305	125	90	12†	10	.230	975	58	15	4.5	32

† Listed pressure for 3-hose machine cutting torches only.

## Heavy Duty "SC" Special Purpose / LP Gas

### General Gouging - SC2-2 & SC2-4 Oxy-Propane

For removing old welds or cracks, for veeing and groove cutting.



General Gouging SC2-2

### Heating - SC112 Oxy-Propane

Provides lots of heat fast with economical LP Gas and Oxygen.  
Not recommended for use in cutting assemblies.



Heating SC112

### Gouging, Heavy Duty - SC23-3 Oxy-Propane



Gouging SC23-3 SC23-3M

### Gouging, Heavy Duty - SC23-3M Oxy-Propylene

For removing old welds or cracks, for veeing and groove cutting.

Use In: DG200 & SC200 Series Cutting Attachments (Except SC112). All SC & DG Series Hand Torches & Machine Torches.

Tip Number	Purpose	Capacity (inches)	Capacity (mm)	Fuel Gas	Oxy Pressure	Fuel Gas Pressure	Oxy Consumption	Fuel Consumption	Oxy Drill Size	Fuel Gas Configuration
SC2-2	Gouging (General)	5/16" wide x 1/8" deep	8 wide x 3 deep	Propane	60	22	389	53	53 31	Slots
SC2-4	Gouging (General)	3/8" wide x 1/4" deep	10 wide x 6 deep	Propane	75	22	564	53	44 28	Slots
SC112	Heating	289,000 BTU's	N/A	Propane	60	25	495	125 *	N/A	Slots
SC23-3	Gouging (Heavy)	3/8" wide x 1/4" deep	10 wide x 6 deep	Propane	50-60	12-18	174	31	50	Slots
SC23-3M	Gouging	1/4" wide x 3/8" deep	6 wide x 10 deep	Propylene	50-60	10-15	174	31	50	Slots

\* 2 cylinders required - based on 100 lb. cylinders.



## Heavy Duty "SC" Special Purpose / Acetylene



**Gouging  
SC13-3**

### Gouging Tip SC13-3 & SC13-5

For edge preparation, removal of welds or gouging cracked metals.



**Rivet/Riser Cutting  
SC14-3**

### Rivet/Riser Cutting - SC14-3

Cuts heads of bolts and rivets. It can also be used in 180° head cutting torch to cut out boiler tubes. Works equally for cutting risers and bulk heads.



**Rivet Blowing & Metal Washing  
SC15-2**

### Rivet Blowing and Metal Washing - SC15-2

Quickly removes large quantities of metal. Heavy preheat primarily used as a rivet blowing tip, but can be used for stud removal, metal washing, gouging, veeing and groove cutting.



**Plate Cutting  
SC17-0**

### Plate Cutting - SC17-0

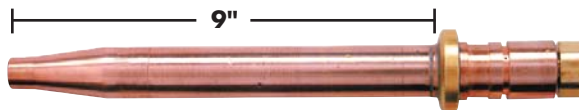
"Drag" style step tip cuts thin sheet metal with absolute minimum burn over and plate warpage.



**Heating  
SC83**

### Heating - SC83

Delivers large volume of heat quickly for bending, straightening, shrinking, forming and other heating applications. It allows heating with a one piece cutting torch. (For use with hand cutting torches only, not recommended for use with combination torch cutting attachments.)



**Extra Long Cutting Tip  
SC12-4X9**

### Extra Long Cutting Tip - SC12-4X9

Tip for hard to reach areas. Size 4.

**Tips This Page Use In: DG200 & SC200 Series Cutting Attachments (Except SC110 & SC83 Tips). All SC & DG Series Hand Torches & Machine Torches.**

Tip Number	Purpose	Capacity (Inches)	Capacity (mm)	Pressures - PSIG @ Reg.		Consumption - SCFH		Drill Size	
				Oxygen	Acetylene	Oxygen	Acetylene	Cutting	Preheat
SC13-3	Gouging	3/8" wide x 1/4" deep	10 wide x 6 deep	20	10	151	35	50-29	59
SC13-5	Gouging	1/2" wide x 3/8" deep	13 wide x 10 deep	25	10	246	50	39-10	55
SC14-3	Riser	1 1/2" rivets	38mm rivets	35-40	10	190	20	51	56
SC15-2	Washing	1/2" wide x 3/8" deep	13 wide x 10 deep	30	10	336	40	3	57
SC17-0	Plate or Thin Sheet Cutting	3/8"	10	20	10	55	4	62	62
SC83	Heating	83,000 BTU's	N/A	15	10	58	52*	NA	56
SC12-4X9	Cutting	4"	102	50	10	331	14	45	62

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