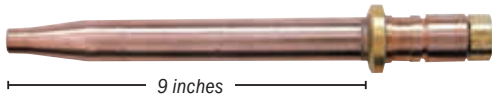


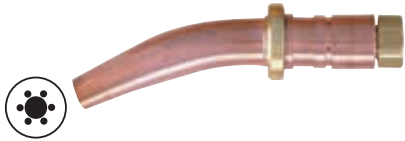
## Heavy-Duty Special-Purpose Tips

### Acetylene



#### Extra Long Cutting SC12-4X9

Tip for hard-to-reach areas. Size 4.



#### Gouging SC13-3 and SC13-5

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



#### Rivet/Riser Cutting SC14-3

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



#### 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

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



#### 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. *Not recommended for use with cutting attachments.*

Tip Number	Purpose	Capacity Inches (mm)	Consumption (SCFH)	
			Oxygen	Acetylene
SC12-4x9	Cutting	4 (102)	331	14
SC13-3	Gouging	3/8 (10) wide 1/4 (6) deep	151	35
SC13-5	Gouging	1/2 (13) wide 3/8 (10) deep	246	50
SC14-3	Riser	1-1/2 (38) rivets	190	20
SC15-2	Washing	1/2 (13) wide 3/8 (10) deep	336	40
SC17-0	Plate or Thin Cutting	3/8 (10)	55	4

Tip Number	Purpose	Average BTU/Hour	Consumption (SCFH)	
			Oxygen	Acetylene
SC83	Heating	83,000	58	52*

\*Two 350-cu.-ft. cylinders required.

#### Compatible cutting attachments and torches

- SC200 and DG200 Series attachments (except SC83)
- All SC and DG Series hand torches and machine torches

### Propane or Natural Gas Propylene



#### General Gouging (Propane) SC2-2 and SC2-4

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



#### Heavy-Duty Gouging SC23-3 (Propane) SC23-3M (Propylene)

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



#### Heating (Propane) SC112

Provides lots of heat fast with economical LP gas and oxygen. *Not recommended for use with cutting attachments.*

Tip Number	Purpose	Capacity Inches (mm)	Consumption (SCFH)	
			Oxygen	Fuel
SC2-2	Gouging	5/16 (8) wide 1/8 (3) deep	389	53
SC2-4	Gouging	3/8 (10) wide 1/4 (6) deep	564	53
SC23-3	Gouging	3/8 (10) wide 1/4 (6) deep	174	31
SC23-3M	Gouging	1/4 (6) wide 3/8 (10) deep	174	31

Tip Number	Purpose	Average BTU/Hour	Consumption (SCFH)	
			Oxygen	Propane
SC112	Heating	289,000	495	125*

\*Two 100-lb. cylinders required.

#### Compatible cutting attachments and torches

- SC200 and DG200 Series attachments (except SC112)
- All SC and DG Series hand torches and machine torches