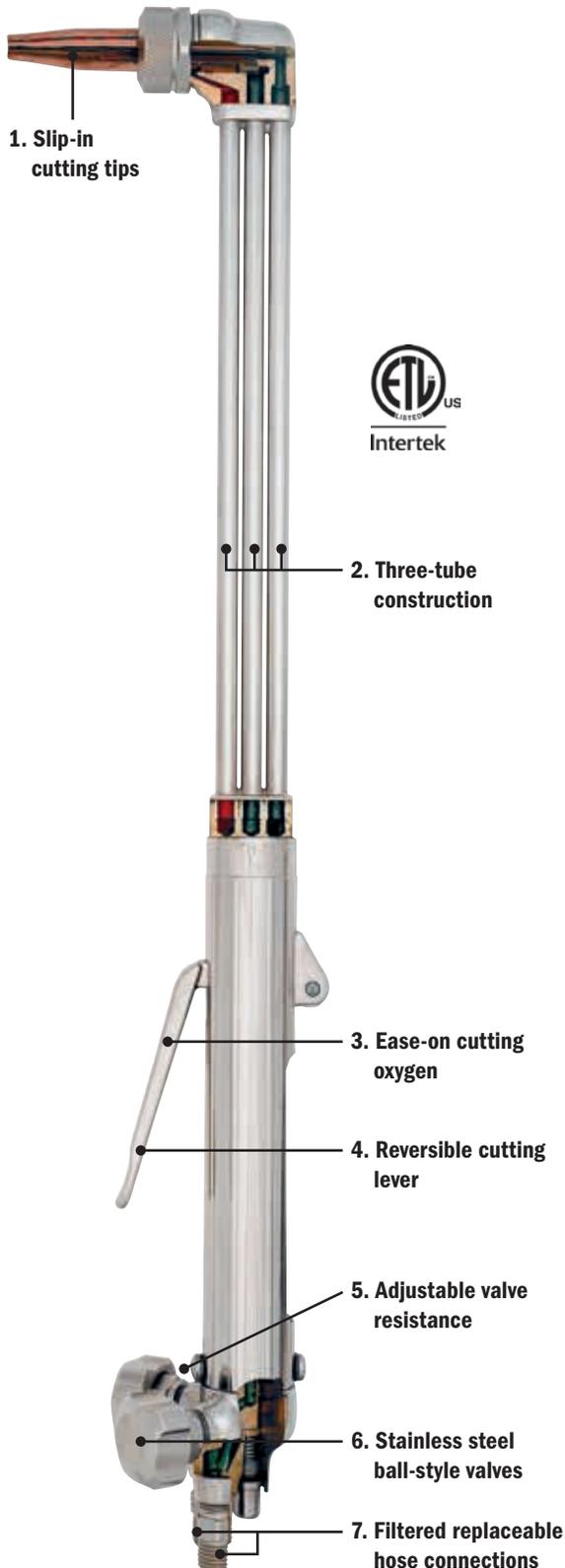


## Hand Cutting Torches



Cutting torches are covered by our lifetime warranty when used with authentic Miller | Smith tips.

**Our hand cutting torches are heavy-duty capacity, and 100-percent tested and inspected.**

Cutting torches feature solid construction and ease of operation for hundreds of jobs in construction, fabricating, shipyards, salvage and other related industries. Torches have silver-brazed joints throughout, heads and butts are machined from dense forgings, and stainless steel ball-style control valves provide positive gas shut-off. Torches are individually tested to maintain our reputation for quality and dependable performance.

### Construction features

- 1 Slip-in cutting tips**  
Save time when changing tips – no wrench needed. Resilient Graf-Tite® seat material protects tip from nicking and maintains positive seating. Requires less replacement than metal-to-metal seat designs.
- 2 Three-tube construction**  
Gases are kept separated, eliminating mixing tube burnout. Our thick-wall, high-capacity stainless steel tubes provide high gas flow and superior strength.
- 3 Ease-on cutting oxygen**  
Exceptionally smooth application of cutting oxygen reduces keyholing and slag blowback without sacrificing extremely high cutting capacity.
- 4 Reversible cutting lever**  
Top- or bottom-mount lever for ease of use.
- 5 Adjustable valve resistance**  
Special PTFE packing provides a gas-tight seal while allowing the “drag” to be adjusted to the individual preference.
- 6 Stainless steel ball-style valves**  
Provides smooth adjustment and positive seating.
- 7 Filtered replaceable hose connections**  
Connections are easily replaced if damaged. Filters keep debris from entering the cutting mechanism and high-pressure seat.

## Heavy-Duty Torches



### SC175 and SC179

Length: 17 inches (432 mm)  
 Weight: 2.6 lb. (1.18 kg)  
 Head angle: 75 degrees (SC175)  
 90 degrees (SC179)

### SC225, SC225S, SC229, SC229S and SC220

Length: 20.5 inches (521 mm) except SC220  
 21 inches (533 mm) for SC220  
 Weight: 2.7 lb. (1.22 kg)  
 Head angle: 75 degrees (SC225 and SC225S)  
 90 degrees (SC229 and SC229S)  
 180 degrees (SC220)

### SC365, SC369 and SC360

Length: 36 inches (914 mm)  
 Weight: 3.3 lb. (1.5 kg)  
 Head angle: 75 degrees (SC365)  
 90 degrees (SC369)  
 180 degrees (SC360)

### Repair kit

SC100 (also for DG100, DG200 and DG300 Series)

### Valve assembly replacement

LW14B-1 (also for SW1 and DG200 Series)

### SC Series

Cuts up to 12-inch (305 mm) thick steel. Features sintered metal inlet filters, o-ring seating and easy-to-change slip-in Graf-Tite® cutting tips with cost-saving soft seats. Super-tough, thick-wall brass forged heads reduce warping and distortion. SC225S and SC229S have even thicker-walled heads for more severe service and applications. Use with any industrial fuel gases — acetylene, propane, natural gas, propylene, hydrogen, and many others. Several models of standard and special purpose tips are available for use in SC Series cutting torches. Cutting torches are covered by our lifetime warranty when used with authentic Miller | Smith tips.

### Cutting Tip Compatibility

Torch Number	Tip Compatibility (see pages 28–30)
All SC Series Torches	Acetylene: SC12-00 thru SC12-6, SC56-1 thru SC56-5
	Propane and Propane-Based: SC40-0 thru SC40-4, SC46-2 thru SC46-6, SC50-00 thru SC50-6
	Propylene: SC60-0 thru SC60-6, SC36-1 thru SC36-6
	SC Series Special-Purpose Tips



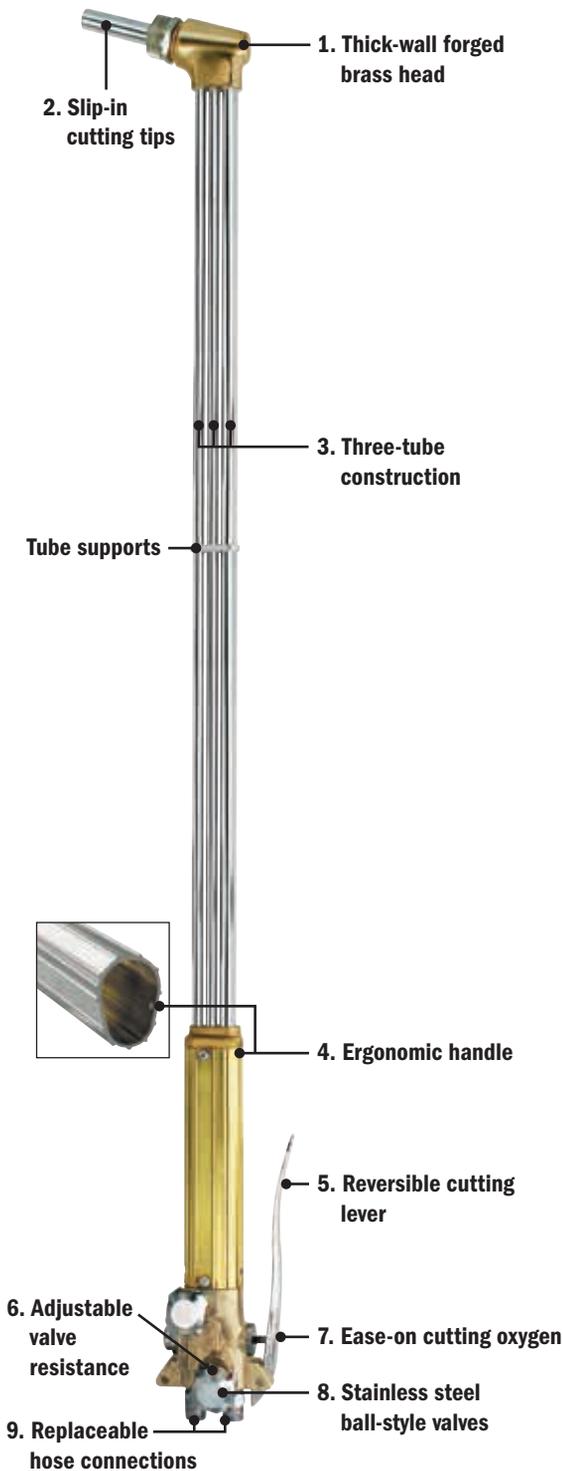
### 16229 Adjustable Circle Cutting Guide

Cutting range from 5/8 to 12-inch holes. Works with all hand cutting torches.



## Gas Axe™ Hand Cutting Torches

Torches



**CAUTION: Flashback arrestors**  
Gas Axe torches must be used in conjunction with high-flow flashback arrestors.

**Gas Axe™ extra-heavy-duty torches are 100-percent tested and inspected, and are ideal for scrap and demolition cutting.**

Safety engineered; designed for severe applications. Excellent for use with propane or natural gas. Works with all gases including propane/propylene-based fuels, natural gas and acetylene. Extra-high-capacity cuts up to 24 inches (610 mm) with acetylene. Cuts up to 20 inches (508 mm) with propane.

### Construction features

- 1 Thick-wall forged brass head**  
Super-tough, thick-walled head reduces heat warping and damage.
- 2 Slip-in cutting tips**  
Save time when changing tips – no wrench needed. Resilient Graf-Tite® seat material protects tip from nicking and maintains positive seating. Requires less replacement than metal-to-metal seat designs.
- 3 Three-tube construction**  
Gases are kept separated, eliminating mixing tube burnout. Our thick-wall, high-capacity stainless steel tubes provide high gas flow and superior strength.
- 4 Ergonomic handle**  
Thick, durable brass raised-rib handle for comfort and positive grip. Adds comfort and reduces operator fatigue.
- 5 Reversible cutting lever**  
Top- or bottom-mount lever for ease of use.
- 6 Adjustable valve resistance**  
Special PTFE packing provides a gas-tight seal while allowing the “drag” to be adjusted to the individual preference.
- 7 Ease-on cutting oxygen**  
Exceptionally smooth application of cutting oxygen reduces keyholing and slag blowback without sacrificing extremely high cutting capacity.
- 8 Stainless steel ball-style valves**  
For easy shut-off, smooth adjustment and positive seating.
- 9 Replaceable hose connections**  
Connections are easily replaced if damaged.

### Cutting Tip Compatibility

Torch Number	Tip Compatibility (see pages 28–30)
<b>All Gas Axe (SC900 Series) Torches</b>	<b>Acetylene:</b> SC12-00 thru SC12-6, SC56-1 thru SC56-9
	<b>Propane and Propane-Based:</b> SC40-0 thru SC40-4, SC46-2 thru SC46-6, SC50-00 thru SC50-9
	<b>Propylene:</b> SC60-0 thru SC60-6, SC36-1 thru SC36-6
	<b>Special-Purpose Tips:</b> SC2-2, SC2-4

### Recommended High-Flow Regulators

Torch Number	Recommended Regulator
<b>All Gas Axe (SC900 Series) Torches</b>	<b>Oxygen:</b> 40-175-540 or 40-275-540 (Cylinder), 46-175 (Manifold)
	<b>LP Gas:</b> 40-50-510 (Cylinder), 46-50 (Manifold)

Stock Number	Head Angle in Degrees	Length Inches (mm)
SC929	90	21 (533)
SC935	75	36 (914)
SC939	90	
SC930	180	
SC945	75	48 (1219)
SC949	90	
SC940	180	
SC965	75	72 (1829)
SC969	90	
SC960	180	

Torch Repair Kit 15772  
Valve Assembly Replacement LW14B-1