

Dual Guard™

Dual Guard™ Extra Heavy Duty Hand Cutting Torches

Safety engineered; combining the exclusive new Dual Guard™ System which includes a flashback arrestor built into the torch head with our proven in-tip gas mix design. American made and backed with the strongest warranty in the land to save you downtime and eliminate repair costs!

FEATURE BENEFITS

- 1 Dual Guard™ System**
Exclusive built-in torch head flashback arrestor and in-tip gas mixing for increased operator safety and torch life. Also reduces weight and bulk produced by add-on flashback arrestors. The Dual Guard System requires no added flashback arrestors and is covered with our exclusive LIFETIME Warranty & Service Agreement.
- 2 Three Tube Construction**
Keeps gases separated, eliminating mixing tube burnout. Smith's thick wall, high capacity stainless steel tubes provide high gas flow and superior strength.
- 3 Reversible - Ergonomic, Cutting Lever**
Top or bottom mount lever for ease of use.
- 4 Ease-On Cutting Oxygen**
Exceptionally smooth application of cutting oxygen reduces key-holing and slag blow-back without sacrificing extremely high cutting capacity.
- 5 Manganese Bronze Head**
Super tough thick wall manganese bronze head reduces heat warping and damage.
- 6 Slip-In Cutting Tips**
Saves 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 tip designs.
- 7 Nickel-Plated Surface**
Corrosion-resistant finish, reflects residual heat.
- 8 Ergonomic Handle**
Thick, durable raised rib handle for comfort and positive grip. Adds comfort and reduces operator fatigue.
- 9 Stainless Steel Ball-Style Valves**
For positive seating.
- 10 Replaceable Hose Connections With Sintered Filters**
Easily replaced if damaged. Filter protects high pressure seat and arrestor module from debris.



100% TESTED AND INSPECTED

CUTTING TORCH REPAIR KIT

Stock No.	Use With Torches
15772	DG900 Series

Repair Kit Includes: Cutting Lever Roll Pin & High Pressure Oxygen Cutting Valve Assembly.

Torches



DG929B

10. Replaceable Hose Connections with Sintered Filters



Dual Guard™ Extra Heavy Duty & Heavy Duty

(Any Fuel Gas & Oxygen)

Extra Heavy Duty DG900 Series Cuts Up To 24" (610mm)

Dual Guard™ hand cutting torches are built for the toughest jobs. They feature a built-in head flashback arrestor, reversible cutting lever and ease-on oxygen for smooth starts. The torch is also designed with a heavy wall manganese bronze head for durability and resistance to heat warping.

Heavy Duty 200 Series Cuts Up To 12" (305mm)

Dual Guard™ hand cutting torches are built for the toughest jobs. They feature a built-in head flashback arrestor, reversible cutting lever and ease-on oxygen for smooth starts. The torch is also designed with a heavy wall manganese bronze head for durability and resistance to heat warping. All Dual Guard™ torches listed below are covered by Smith's "Lifetime" warranty.

- 3 tube "in-tip" mix design keeps gases separated until reaching the tip
- Ergonomic reversible cutting lever, for top or bottom mounting
- Exceptional ease-on oxygen feature
- Uses long lasting "Soft Seat" Graf-Tite® cutting tips
- Replaceable hose connections
- Wide array of cutting, gouging and specialty tips available
- Versatile - for use with acetylene, propane, propylene, MAPP® and many other gases
- Superior "ease-on" cutting jet action reduces tip-clogging and slag blow-back in piercing operations

100% TESTED AND INSPECTED

Available Torch Head Angles

Heavy duty manganese bronze head. Choice of 75°, 90° and 180°.

Stock No.	Head Angle	Length inch/metric	See Pages 32 - 37 For Cutting Tips
DG920B	180°	21"/533mm	Oxygen/Acetylene: SC12-00 thru SC12-6 SC56-1 thru SC56-5
DG925B	75°	21"/533mm	
DG929B	90°	21"/533mm	Oxygen/Propane Oxygen/Propane Based: SC40-0 thru SC40-4 SC46-2 thru SC46-6
DG220	180°	21"/533mm	
DG225	75°	20-1/2"/521mm	SC50-0 thru SC50-6 Oxygen/Propylene: SC60-1, SC60-2 SC2-2, SC2-4
DG229	90°	20-1/2"/521mm	
<p>Part No. 16219 Extreme ease-on oxygen high pressure seat for metal washing available for DG900 Series Torches.</p>			

NOTE: May be used with all Heavy Duty Special Purpose Tips.

DG & SC Series Hand Torch Valve Assembly Replacement LW14B-1
(excluding SC700 Series Tuf-Tony™)



DG929B
Length
21"
(533mm)

Weight
3-1/2 lbs.
(1.54kg)



Torches



16229
Adjustable Circle
Cutting Guide
Cutting range from 5/8" - 12" holes



DG SERIES TORCHES INCLUDE
SINTERED METAL INLET FILTERS.



DG229
Length
20-1/2"
(521mm)

Weight
2 lbs. 14 oz.
(1.29kg)

Standard Duty

(Any Fuel Gas & Oxygen)

Torches

Standard Duty SC Series Cuts Up To 12" (305mm)

Cutting torches feature solid construction and top handling ease for hundreds of jobs in construction, fabricating, shipyards, salvage and other related industries. Silver brazed joints throughout. Head and butt are machined from dense brass forgings. Ball style control valves provide positive gas shut-off. All SC Series torches listed below are covered by Smith's "Lifetime" warranty.



SC225S & SC229S have larger head without Dual Guard™ module.

- 3 tube "in-tip" mix design keeps gases separated until reaching the tip
- Reversible lever, top or bottom mounting
- Uses long lasting "Soft Seat" Graf-Tite® cutting tips
- Replaceable hose connections and sintered filters
- Wide array of cutting, gouging and specialty tips available
- Versatile - for use with acetylene, propane, propylene, MAPP® and many other gases
- "Ease-on" cutting jet action reduces tip-clogging and slag blow-back in piercing operations



16229

Adjustable Circle Cutting Guide
Cutting range from 5/8" - 12" holes



Works with all hand torches

100% TESTED AND INSPECTED

Available Torch Head Angles

SC229S and SC225S feature heavy duty manganese bronze head.

Stock No.	Head Angle	Length inch/metric	See Pages 32 - 37 For Cutting Tips
SC175	75°	17"/432mm	Oxygen/Acetylene: SC12-00 thru SC12-6 SC56-1 thru SC56-5
SC179	90°	17"/432mm	
SC220	180°	21"/533mm	Oxygen/Propane Oxygen/Propane Based: SC40-0 thru SC40-4 SC46-2 thru SC46-6 SC50-0 thru SC50-6
SC225	75°	20-1/2"/521mm	
SC229	90°	20-1/2"/521mm	Oxygen/Propylene: SC60-1, SC60-2
SC225S	75°	20-1/2"/521mm	
SC229S	90°	20-1/2"/521mm	
SC365	75°	36"/914mm	
SC369	90°	36"/914mm	
SC360	180°	36"/914mm	

Not equipped with Dual Guard™ module

NOTE: May be used with all Heavy Duty Special Purpose Tips.
See pages 36 - 37

DG & SC Series Hand Torch Valve Assembly Replacement LW14B-1
(excluding SC700 Series Tuf-Tony™)

SC SERIES TORCHES LISTED ABOVE INCLUDE SINTERED METAL INLET FILTERS.

SC229
Length
20-1/2"
(521mm)

Weight
2 lbs. 8 oz.
(1.1kg)



SC229S
Length
20-1/2"
(521mm)

Weight
2 lbs. 8 oz.
(1.1kg)

**DOES NOT
INCLUDE
BUILT-IN FLASH
ARRESTOR**

