

Accessories



Torch Accessories



Adjustable Angular Torch Heads

Adjustable Angular Torch Heads permit bevel and straight line cutting without the need to angle the torch. Total angular adjustment on either side of the vertical plane is 125°. The additional 35° from the horizontal enables cutting from below work level when necessary. Indexing marks of 5° increments are forged in the face of the Adapter body to facilitate adjustment at any required degree. Tip sizes up to number 6 can be used with this attachment.

Torch	Stock No.
4700 Series	831-2100



Duplex Tip Holders

The Adjustable Duplex Tip Holder permits 2 parallel cuts to be made simultaneously with one CONCOA cutting torch. Easily adjusted to cut metal strips between 1 ¼" and 12" wide (3.2 and 305. cum). It can be used for work to 3" (7.6 cm) plate thickness.

Torch	Fuel Gas	Stock No.
4700 Series	MAPP Gas, Acetylene, Propane and Natural Gas	831-2925



Flash Circle Burner

Cut accurate circles with the versatile, lightweight Flash Circle Burner. The Flash Circle Burner is adjustable to cut circles 2 ½" (6.35 cm) to 17" (43.8 cm) in diameter. When a special extension bar 11" (27.94 cm) long and an Adapter are added to the Flash Circle Burner, it is possible to cut circles up to 30" (50.8 cm) in diameter.

Item	Stock No.
1100, 3000, 9000, 9500 & 9700 Torches	831-2925
3700, 4600, 4700, 4800, 5700, 5800 Style Attachments	
11" Extension Bar Adapter	831-1448



Circle Cutting Attachment

Precise circle cutting with hand torches or machine torches is easily accomplished with a Circle Cutting Attachment. It cuts circles 1" through 26" in diameter.

Torch	Stock No.
3000, 9000, 9500 & 9700 Series	831-3100



Guide Roller Attachment

Guide your torch steadily over larger plates and forgings with a Guide Roller Attachment. The guide roller attachment can accommodate either 75° or 90° heads. It consists of two small wheels, each drilled with six holes for venting and to prevent warping.

Torch	Stock No.
3000, 7000, 9000, 9500, 9700 Series Hand Cutting Torches	831-0667
3700, 4690, 4700, 4800, 5700 and 5800 Series Cutting Attachments	



Torch Check Valves

CONCOA Torch Check Valves are designed to prevent reverse flow of mixed gases beyond the torch inlet connections on hand and machine torches. For two hose torches, a pair of check valves is recommended, one for the oxygen line and another for the fuel gas line. An additional oxygen check valve is desirable for the cutting oxygen line on three hose machine cutting torches if individual cutting oxygen solenoid are not used on each torch in a multi-torch system. The fuel gas check valve is for use with acetylene, MAPP, propane or natural gas and operates effectively on injector and positive pressure torches. CONCOA check valves are mounted at the torch inlet connections.

Torch Check Valves			Connections	
Service	Stock No.		Torch End	Hose End
Oxygen "B"	831-4146		9/16"-18 RH Int.	9/16"-18 RH Int.
Fuel Gas "B"	831-4138		9/16"-18 LH Int.	9/16"-18 LH Int.

No. 56 Orifice for 4700 Machine Torch 831-3022



Torch Mounted Flashback Arrestors

Designed to attach at inlets of oxy-fuel torches. Prevents reverse flow of gases. Torch Arrestor Pac consists of matched set of one oxygen and one fuel arrester. UL listed and complies with ISO 5175, DIN 8521 and BS 6158. See Page 68 for more flashback arrestors.

Torch Arrestor Pac - Set of Two - 801-1460

Service	Stock No.	Regulator End	Hose End	PSIG
Oxygen	801-1466	9/16"-18 RH Int.	9/16"-18 LH Int.	150
Fuel	801-1469	9/16"-18 LH Int.	9/16"-18 LH Int.	75*

* Acetylene is limited to 15 PSIG maximum working pressure.



Gas Mizer

A Gas Mizer can save you up to 50% on oxygen and fuel gas consumption in operations where torches are used intermittently. Installed between the regulator and the torch, a Gas Mizer will close off the oxygen and fuel gas supply whenever the torch is hung from the handy arm hook. When the torch is picked up, the Gas Mizer starts the flow of oxygen and fuel gas. The torch can be ignited by passing it across the pilot light. Drilled for bench mounting, the Gas Mizer may be mounted right at the work area for maximum convenience. The inlet and outlet have "B" connections.

Pilot burner sold separately according to appropriate gas.

Item	Stock No.
Basic Gas Mizer (Order One)	803-0480
Pilot Light Burner (Order One), Acetylene	803-0477
Pilot Light Burner, MAPP Gas/Propylene	817-0834
Pilot Light Burner, Natural Gas/Propane	803-0478
Heliweld® Gas Mizer (No Pilot Light)	803-0225
Pilot Valve	817-0835
Pilot Adapter	817-0836