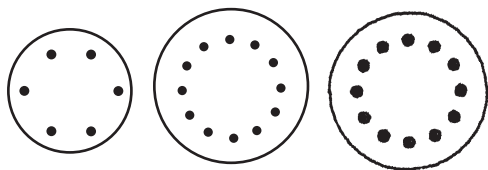


Actual Size Tips



ST603

ST605

ST610

used for braze welding or for applying hard facing metal to large areas. Heating tips provide significant cost savings in many applications. By providing great amounts of quick, concentrated heat, heating tips do the job faster and cut labor time to a minimum. For proper performance, use the recommended pressures for each tip and with an adequate gas supply. Manifolding of cylinders is essential for safe and efficient operation of large size heating tips.

Heavy Duty / Oxy-Acetylene



ST605

Heating Tips Used in Welding Handles

Smith's multi-flame and single flame heating tips are designed to provide large volumes of heat for applications such as: heat treating, bending, straightening, pre-heating, brazing, shrinking, forming and many others. Smaller sizes are often

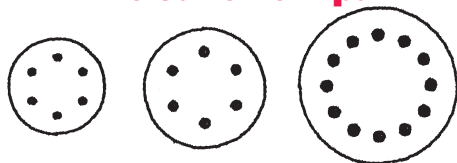
WARNING! MANIFOLDING CYLINDERS: When required flows (cubic feet per hour - SCFH) exceed the recommended withdrawal rate from one cylinder then additional cylinders must be manifolded to provide safe and efficient operation. Acetylene must not be withdrawn at more than 1/7 of the cylinder capacity (50 SCFH for a 350 cu. ft. cylinder). Consult your gas supplier for manifolding instructions for the gases and cylinders supplied to you. Refer to Technical Data on website.

Tips

Stock No.	No. of Flames	Drill Size	Pressures (PSIG)		Consumption (SCFH)		Average BTU	Fuel ** Cylinders Required	Overall Length Inches/mm
			Oxygen	Fuel Gas	Oxygen	Fuel Gas			
ST602	6	#64	10	10	31	28	40,125	1	16" / 406
ST603	6	#56	15	15	55	50	71,750	1	16" / 406
ST605	12	#57	15	15	96	87	124,670	2	19" / 483
ST610	12	#54	15	15	150	136	194,890	3	19" / 483

NOTE: 350 cubic foot minimum cylinder size @ 70° F. / **USED IN: Torch Handles - SW1A, SW1B & WH200.

Actual Size Tips



MT603

MT605

MT610

Medium Duty / Oxy-Acetylene

Versatile multi-flame heating tips for the popular medium duty torch handles. Used for general heating of metals, brazing, hard surfacing, etc. Heads are manufactured from solid copper.



USED IN: Torch Handles - WH100, MW5A & CW5A. **MT605**

Stock No.	No. of Flames	Drill Size	Pressures (PSIG)		Consumption (SCFH)		Average BTU	Fuel Cylinders Required	Overall Length Inches/mm
			Oxygen	Fuel Gas	Oxygen	Fuel Gas			
MT603	6	#64	10	15	31	28	40,125	1	10" / 254
MT605	6	#56	10	15	57	51	73,085	**1	16" / 406
MT610	12	#57	10	15	100	90	128,970	**2	18" / 457

NOTE: 350 cubic foot minimum cylinder @ 70° F. **NOTE: Tips may also be used with oxygen/hydrogen.

Actual Size Tip



Handy light duty multi-flame tip for heating, brazing and applying hard facing metals. Uses medium pressure acetylene and oxygen.

USED IN: Torch Handles - AW1A & AW10A.

Standard Duty Acetylene



AT605

Stock No.	No. of Flames	Drill Size	Pressures (PSIG)		Consumption (SCFH)		Average BTU	Fuel * Cylinders Required	Overall Length Inches/mm
			Oxygen	Fuel Gas	Oxygen	Fuel Gas			
AT605	6	#64	10	15	32	29	41,550	1	10" / 254

NOTE: Tips may also be used with oxygen/hydrogen.

* Require minimum 200 cu. ft. acetylene cylinder size.

CAUTION: Heating tips must be used in conjunction with high flow flashback arrestors. It may be necessary to increase outlet pressures to compensate for flow restrictions that may be created by flashback arrestors.