

## Heavy Duty "SW" Series



**SW209**

### SW200 Series

### Oxy-Acetylene

The SW200 Series is for general and heavy welding and brazing. Swaged construction provides greater heat concentration for improved "puddle" control. Tips bent to 63-1/2° angle.

**USE IN:** Torch Handles - WH200 & SW1B.

**FUEL GASES:** These tips may also be used for brazing with MAPP®, Liquid Air Fuel-Gas or brazing with propylene base fuel gases. When using these gases, select a tip two sizes larger than recommended for the same work as acetylene.

Tip Number	Welding Range		Drill Size	Pressure Each Gas (PSIG) at Reg.	Consumption Each Gas (SCFH)
	Inches	mm			
<b>SW201</b>	1/32	.7	71	10	2.3
<b>SW203</b>	5/64	1.9	67	10	3.2
<b>SW205</b>	1/8	3	57	10	6
<b>SW207</b>	3/16	5	54	10	12
<b>SW209</b>	3/8	10	49	10	23
<b>SW210</b>	1/2	13	44	15	36

Replaceable "O" rings: LW15 (Pkg. of 25).

**NOTE:** Not recommended for use with Propane.

Consumption (SCFH: cubic feet per hour) figures shown, represent the average volumes of gases consumed when acetylene is added until sooty smoke just disappears from the acetylene flame prior to opening the oxygen valve and adjusting to a neutral flame.

Tips

## Medium Duty "MW" Series



**MW205**

### MW200 Series

### Oxy-Acetylene

MW200 Series is for general purpose medium duty welding which features Smith "soft flame" for easier puddle control and better penetration. Tips are bent to 63-1/2° angle. Replaceable "O" rings: MW15 (Pkg. of 25).

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

**FUEL GASES:** These tips may also be used for brazing with MAPP®, Liquid Air Fuel-Gas or brazing with propylene base fuel gases. When using these gases, select a tip two sizes larger than recommended for the same work as acetylene.

Tip Number	Welding Range		Drill Size	Pressure Each Gas (PSIG) at Reg.	Consumption Each Gas (SCFH)
	Inches	mm			
<b>MW201</b>	1/32	.7	71	10	2.3
<b>MW203</b>	5/64	1.9	67	10	3.2
<b>MW205</b>	1/8	3	57	10	6
<b>MW207</b>	3/16	5	54	10	12
<b>MW209</b>	3/8	10	49	10	23

**NOTE:** Not recommended for use with Propane.

Consumption (SCFH: cubic feet per hour) figures shown, represent the average volumes of gases consumed when acetylene is added until sooty smoke just disappears from the acetylene flame prior to opening the oxygen valve and adjusting to a neutral flame.