

## Brazing and Multi Flame Nozzles

**Exclusive "OPTIMIZED" nozzles in largest choice of types and sizes, plus uniformity of tip orifice and size for all series**

TurboTorch offers a complete range of nozzles, tips and elbows with a size for every application including: Welding, brazing, heating. Nozzles designed for "optimum" performance - Each complete nozzle has its own built-in spiral mixer, individually designed for each tip size and flame characteristic. Each nozzle is individually swaged to insure proper alignment for uniform flame, sizing and free-flow contour.

Orifice sizes are common for all series - Regardless of nozzle series (300FC, 100FC, J), flame characteristic or fuel gas used. This uniformity of orifice sizes simplifies nozzle selection, eliminates chances of ordering and wrong size when changing from one type of nozzle to another.

### Brazing Nozzles - J Series - Light Duty

Part No.	Model	Tip Size	Brazing Capacity for Copper Tubing	Handles
0387-0039	00-W-J-CS	00	1/8" - 3/8" (3-19mm)	103-01FP
0387-0040	0-W-J-CS	0	1/4" - 1" (6-25mm)	103-01FP
0387-0041	1-W-J-CS	1	1/2" - 1 1/4" (6-31mm)	103-01FP
0387-0042	2-W-J-CS	2	1/2" - 1 1/2" (12-38mm)	103-01FP
0387-0043	3-W-J-CS	3	3/4" - 1 3/4" (19-44mm)	103-01FP
0325-0087	4-W-J	4	3/4" - 2" (19-51mm)	103-01FP

### Multi Flame Heating Nozzles - J Series - Light Duty

Part No.	Model	Torch Handle	BTU per hour
0325-0109	VMA-J-15 Clamshell	103-01FP, J-28, J-40	-
0325-0104	2-MFA-J Box	103-01FP, J-28, J-40	4,410 - 13,230
0325-0105	4-MFA-J Box	103-01FP, J-28, J-40	8,820 - 29,400
0387-0077	6-MFA-J CS Clamshell	103-01FP, J-28, J-40	20,580 - 58,800

### Brazing Nozzles - 100 Series - Medium Duty

Part No.	Model	Tip Size	Brazing Capacity for Copper Tubing	Handles
0387-0028	000-W-1-CS	000	1/8" - 1/2" (3-12mm)	100FP, 103-01FP
0387-0029	00-W-1-CS	00	1/8" - 3/8" (3-19mm)	100FP, 103-01FP
0387-0030	0-W-1-CS	0	1/4" - 1" (6-25mm)	100FP, 103-01FP
0387-0031	1-W-1-CS	1	1/2" - 1 1/4" (6-31mm)	100FP, 103-01FP
0387-0032	2-W-1-CS	2	1/2" - 1 1/2" (12-38mm)	100FP, 103-01FP
0387-0033	3-W-1	3	3/4" - 1 3/4" (19-44mm)	100FP, 103-01FP
0387-0034	4-W-1	4	3/4" - 2" (19-51mm)	100FP, 103-01FP

### Multi Flame Heating Nozzles - 100 Series - Medium Duty

Part No.	Model	Torch Handle	BTU per hour
0324-0114	VMA-1-15 Clamshell	100FC,101-01FP	14,700 - 44,000
0324-0108	2-MFA-1 Box	100FC,101-01FP	4,410 - 13,230

### Brazing Nozzles - 300 Series - Heavy Duty

Part No.	Model	Tip Size	Brazing Capacity for Copper Tubing	Handles
0387-0019	W-00	00	1/8" - 3/8" (3-12mm)	300 Series
0387-0020	W-0	0	1/4" - 1" (3-19mm)	300 Series
0387-0021	W-1	1	1/2" - 1 1/4" (6-25mm)	300 Series
0387-0022	W-2	2	1/2" - 1 1/2" (6-31mm)	300 Series
0387-0023	W-3	3	3/4" - 1 3/4" (12-38mm)	300 Series
0387-0024	W-4	4	3/4" - 2"	300 Series

### Multi Flame Heating Nozzles - 300 Series - Heavy Duty

Part No.	Model	Torch Handle	BTU per hour
0387-0060	4-MFA-CS	300	8,820 - 29,400
0387-0061	6-MFA-CS	300	20,580 - 58,800
0387-0062	8-MFA-CS	300	44,100-117,600