

## BRAZING & MULTI-FLAME HEATING NOZZLES



Exclusive "Optimized" nozzles are designed for "optimum" performance 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: brazing, heating and welding. Each complete nozzle has its own built-in spiral mixer, designed for its unique tip size and flame characteristic, and 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 and eliminates chances of ordering the wrong size when changing from one type of nozzle to another.

### Brazing Nozzles - J Series - Light Duty

Model	Part No.	Tip Size	Copper Tubing Capacity	Handles
00-W-J-CS	0387-0039	00	1/8" - 3/4" (3-19 mm)	103-01FP
0-W-J-CS	0387-0040	0	1/4" - 1" (6-25 mm)	103-01FP
1-W-J-CS	0387-0041	1	1/4" - 1¼" (6-31 mm)	103-01FP
2-W-J-CS	0387-0042	2	1/2" - 1½" (12-38 mm)	103-01FP
3-W-J-CS	0387-0043	3	3/4" - 1¾" (19-44 mm)	103-01FP
4-W-J	0325-0044	4	3/4" - 2" (19-51 mm)	103-01FP



J Series Brazing Nozzle

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

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



J Series Heating Nozzle

### Brazing Nozzles - 100 Series - Medium Duty

Model	Part No.	Tip Size	Copper Tubing Capacity	Handles
000-W-1-CS	0387-0028	000	1/8" - 1/2" (3-12 mm)	100FP, 103-01FP
00-W-1-CS	0387-0029	00	1/8" - 3/4" (3-19 mm)	100FP, 103-01FP
0-W-1-CS	0387-0030	0	1/4" - 1" (6-25 mm)	100FP, 103-01FP
1-W-1-CS	0387-0031	1	1/4" - 1¼" (6-31 mm)	100FP, 103-01FP
2-W-1-CS	0387-0032	2	1/2" - 1½" (12-38 mm)	100FP, 103-01FP
3-W-1	0387-0033	3	3/4" - 1¾" (19-44 mm)	100FP, 103-01FP
4-W-1	0387-0034	4	3/4" - 2" (19-51 mm)	100FP, 103-01FP



100 Series Brazing Nozzle

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

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



100 Series Heating Nozzle

### Brazing Nozzles - 300 Series - Heavy Duty

Model	Part No.	Tip Size	Copper Tubing Capacity	Handles
W-00	0387-0019	00	1/8" - 3/4" (3-19 mm)	300 Series
W-0	0387-0020	0	1/4" - 1" (6-25 mm)	300 Series
W-1	0387-0021	1	1/4" - 1¼" (6-31 mm)	300 Series
W-2	0387-0022	2	1/2" - 1½" (12-38 mm)	300 Series
W-3	0387-0023	3	3/4" - 1¾" (19-49 mm)	300 Series
W-4	0387-0024	4	3/4" - 2" (19-51 mm)	300 Series



300 Series Brazing Nozzle

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

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



300 Series Heating Nozzle