

# Heating & Welding/Brazing Assemblies

## OXYACETYLENE HEATING NOZZLES

STYLE	SIZE	COMPLETE NOZZLE
<b>MFA</b> For use with Flame Tech® VTHH-21 heavy duty torch handle or Victor® HD handle.	4	4-MFA
	6	6-MFA
	8	8-MFA
	10	10-MFA
	12	12-MFA
	15	15-MFA
<b>MFA-1</b> For use with Flame Tech® VTHM-22 medium duty torch handle or Victor® MD handle.	2	2-MFA-1
	4	4-MFA-1
	6	6-MFA-1
	8	8-MFA-1
<b>MFA-J</b> For use with J-Torch.	2	2-MFA-J
	4	4-MFA-J
	6	6-MFA-J

TIP SIZE	OXYGEN PRESSURE (PSI)	ACETYLENE PRESSURE (PSI)	OXYGEN CONSUMPTION (SCFH)	ACETYLENE CONSUMPTION (SCFH)
2	4-8	4-8	3-10	3-9
4	8-12	6-10	7-22	6-20
6	10-15	8-12	15-44	15-50
8	20-30	10-15	33-88	30-80
10	30-40	12-15	44-110	40-10
12	50-60	12-15	66-165	60-150
15	50-60	12-15	99-244	90-220



NOTE: Oxygen consumption (SCFH) is 1.1 times that of acetylene, under neutral flame conditions.

## OXYACETYLENE WELDING NOZZLES

STYLE	SIZE	COMPLETE NOZZLE
<b>W</b> For use with Flame Tech® VTHH-21 heavy duty torch handle or Victor® HD handle.	000	000-W
	00	00-W
	0	0-W
	1	1-W
	2	2-W
	3	3-W
	4	4-W
<b>W-1</b> For use with Flame Tech® VTHM-22 medium duty torch handle or Victor® MD handle.	000	000-W-1
	00	00-W-1
	0	0-W-1
	1	1-W-1
	2	2-W-1
	3	3-W-1
	4	4-W-1
<b>W-J</b> For use with J-Torch.	000	000-W-J
	00	00-W-J
	0	0-W-J
	1	1-W-J
	2	2-W-J
	3	3-W-J
	4	4-W-J



METAL THICKNESS	TIP SIZE	DRILL SIZE	OXYGEN (PSI)	ACETYLENE (PSI)
Up to 1/32"	000	75 (.022) 3-5	3-5	1-2
1/16" to 3/64"	00	70 (.028) 3-5	3-5	2-3
1/32" to 5/64"	0	65 (.035) 3-5	3-5	2-4
3/64" to 3/32"	1	60 (.040) 3-5	3-5	3-6
1/6" to 1/8"	2	56 (.056) 3-5	3-5	5-10
1/8" to 3/16"	3	53 (.060) 4-7	3-6	8-18
3/16" to 1/4"	4	49 (.073) 5-10	4-7	10-25
1/4" to 1/2"	5	43 (.089) 6-12	5-8	15-35
1/2" to 3/4"	6	36 (.106) 7-14	6-9	25-45