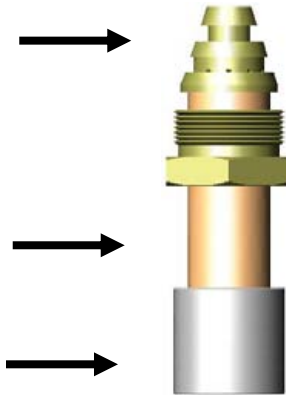


FLAME TECH® "TRI-METAL" SEAT MIXING CUTTING NOZZLE

Brass seat for longer life and better structural integrity!! Brass increases quality over copper in the drilling of the seat mixer.

Copper barrel for better transferring and dissipating of heat away from the cutting zone!

Stainless wear ring for longer life.



**HOSE & REGULATOR
REQUIREMENTS**

Oxygen 1/2" "C" Size
Fuel Gas 3/8" "B" Size

When cutting above 20" use 1/2" ID hose.

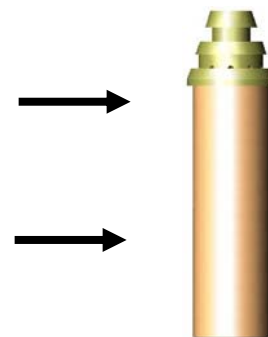
Oxygen supply and oxygen regulator must be capable of flows on cutting tip chart shown below.

NOZZLE TRI-METAL SERIES			GAS PRESSURE - PSIG		GAS CONSUMPTION - CFH	
SIZE	PART#	METAL THICKNESS	OXYGEN	FUEL GAS	OXYGEN	FUEL GAS
12	TM80-12	10-14	60-100	5-15	750-1650	80-120
16	TM80-16	14-18	60-100	5-15	1000-1950	80-120
20	TM80-20	18-22	60-100	5-15	1600-2500	100-160
24	TM80-24	22-28	60-100	5-15	1800-3000	100-160
36	TM80-36	34-44	60-100	5-15	2100-3600	100-160

FLAME TECH "BI-METAL" SEAT MIXING CUTTING NOZZLE

Brass seat for longer life and better structural integrity! Brass increases quality over copper in the drilling of the seat mixer.

Copper barrel for better transferring and dissipating of heat away from the cutting zone!



When cutting above 20" use 1/2" ID hose.

Oxygen supply and oxygen regulator must be capable of flows on cutting tip chart shown below.

NOZZLE BI-METAL SERIES			GAS PRESSURE - PSIG		GAS CONSUMPTION - CFH	
SIZE	PART#	METAL THICKNESS	OXYGEN	FUEL GAS	OXYGEN	FUEL GAS
12	BM80-12	10-14	60-100	5-15	750-1650	80-120
16	BM80-16	14-18	60-100	5-15	1000-1950	80-120
20	BM80-20	18-22	60-100	5-15	1600-2500	100-160
24	BM80-24	22-28	60-100	5-15	1800-3000	100-160
36	BM80-36	34-44	60-100	5-15	2100-3600	100-160

Flame Tech's Line of Steel Industry Products also includes: Continuous Caster Cut-Off Torches and Tips, Continuous Caster Carriages, Full Line of Manifold and Station Regulators, Tip, Nozzle and Torch Repair, and Engineering Support Service.

Be a Cut Above The Rest.. Get the Torch & Tip that Cuts!

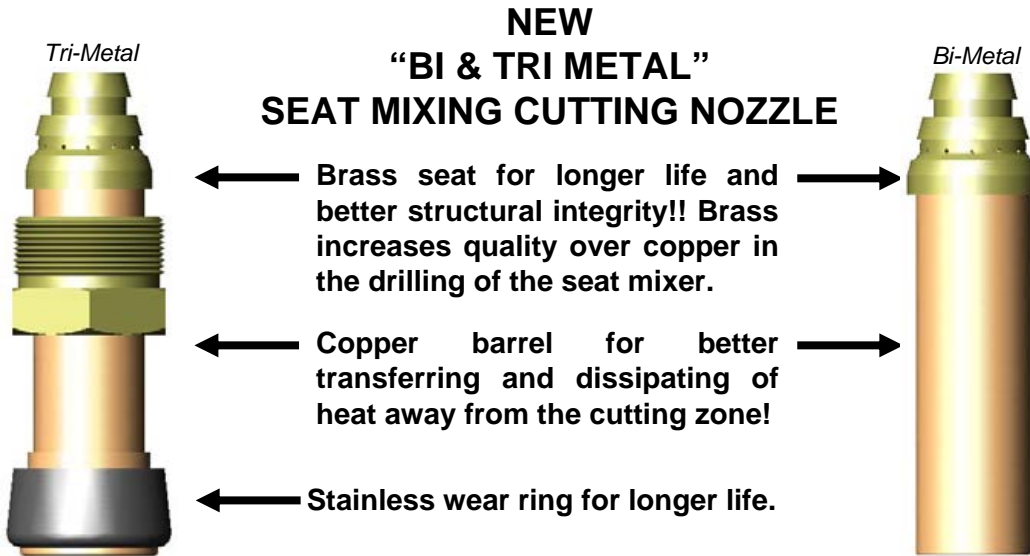


**HOSE & REGULATOR
REQUIREMENTS**

Oxygen 1/2" "C" Size
Fuel Gas 3/8" "B" Size
Preheat Oxygen 3/8" "B" Size

When cutting above 20" use 1/2" ID hose.

Oxygen supply and oxygen regulator must be capable of flows on cutting tip chart shown below.



FLAME TECH® BI-METAL CUTTING NOZZLE

Flame Tech® Always Recommends Using
Flash Arrestors See Flame Tech Catalog
Section, Check Valves & Flash Arrestors

NOZZLE SERIES				GAS PRESSURE - PSIG			GAS CONSUMPTION - CFH	
SIZE	BI-METAL PART#	TRI-METAL PART#	METAL THICKNESS	CUTTING OXYGEN	PRE-HEAT OXYGEN	FUEL GAS	CUTTING OXYGEN	FUEL GAS
24	BM90-24	TM90-24	20-26	25-45	25-50	13-25	2200-3400	80-160
30	BM90-30	TM90-30	26-34	20-40	25-50	13-25	2200-3800	80-160
36	BM90-36	TM90-36	34-44	20-40	25-50	13-25	2300-4400	80-160
48	BM90-48	TM90-48	44-60	15-35	25-50	13-25	2400-5000	80-160

NOTE: SEE HOSE AND REGULATOR REQUIREMENTS ABOVE