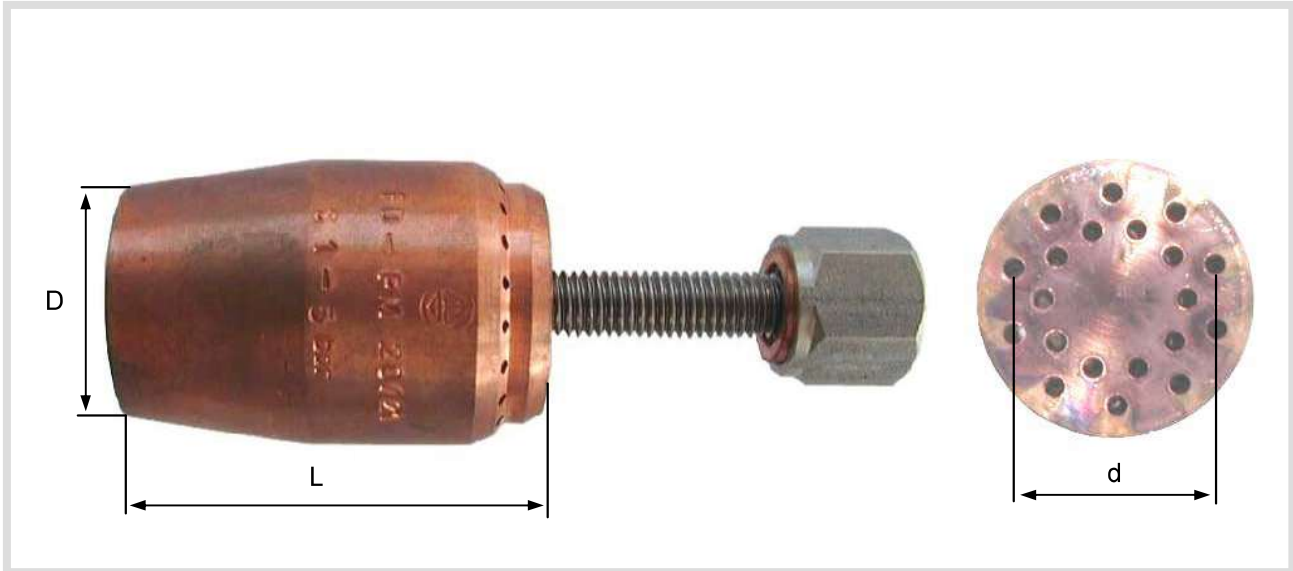


GRIFLAM® Heating Technology  
 Heating Nozzles:  
 Type FG-PMY and FGZ-PMY  
 Type FG-A and FGZ-A



**Gases: Type FG-PMY and FGZ-PMY:**

- Propane/Oxygen
- Methane (Natural gas) /Oxygen
- Mapp®/Oxygen

**Gases: Type FG-A and FGZ-A:**

- Acetylene/Oxygen

**Construction:**

Copper, gas mixing, high power nozzles with wide area flame outlet shape. Fuel gas and Oxygen are fed separately to the nozzle and mixed internally by a number of separate mixers (Injectors) using the under pressure mixing principle. By dividing the total mixture volume into part volumes and through the short lengths of the gas feed canals, the nozzles can withstand very high thermal loads and are practically absolutely back-fire proof.

**Type FG-PMY and FG-A:**

With two concentrically arranged circles of flame outlet jets.

**Type FGZ-PMY and FGZ-A:**

With two concentrically arranged circles of flame outlet jets and central pilot flame outlet.

Type/Size for gas	Nozzle dimensions [mm]			Operating pressure [bar]		Consumption [m <sup>3</sup> /h]		Part No.
	D	d	L	Oxygen	Fuel gas	Oxygen	Fuel gas	
Propane/Oxygen								
FG 20/21 PMY	27	20,5	50	2,0 – 5,0	0,3 – 1,0	20,0 – 42,7	5,1 – 11,0	71602081
FGZ 20/21 PMY	27	20,5	50	2,0 – 5,0	0,3 – 1,0	20,0 – 42,7	5,1 – 11,0	71603127
Methane/Oxygen								
FG 20/21 PMY	27	20,5	50	1,0 – 4,0	0,2 – 1,0	12,9 – 35,3	8,0 – 22,0	71602081
FGZ 20/21 PMY	27	20,5	50	1,0 – 4,0	0,2 – 1,0	12,9 – 35,3	8,0 – 22,0	71603127
Mapp®/Oxygen								
FG 20/21 PMY	27	20,5	50	2,0 – 5,0	0,3 – 1,0	20,0 – 42,7	6,7 – 14,2	71602081
FGZ 20/21 PMY	27	20,5	50	2,0 – 5,0	0,3 – 1,0	20,0 – 42,7	6,7 – 14,2	71603127
Acetylene/Oxygen								
FG 20/12 A	27	22	50	2,0 – 4,0	0,3 – 1,0	4,2 – 7,0	3,8 – 6,4	71600765
FGZ 20/12 A	27	22	50	2,0 – 4,0	0,3 – 1,0	4,2 – 7,0	3,8 – 6,4	71603125
FG 20/15 A	27	22	50	2,0 – 4,5	0,5 – 1,0	7,9 – 14,7	7,2 – 13,4	71600967
FGZ 20/15 A	27	22	50	2,0 – 4,5	0,5 – 1,0	7,9 – 14,7	7,2 – 13,4	71603126