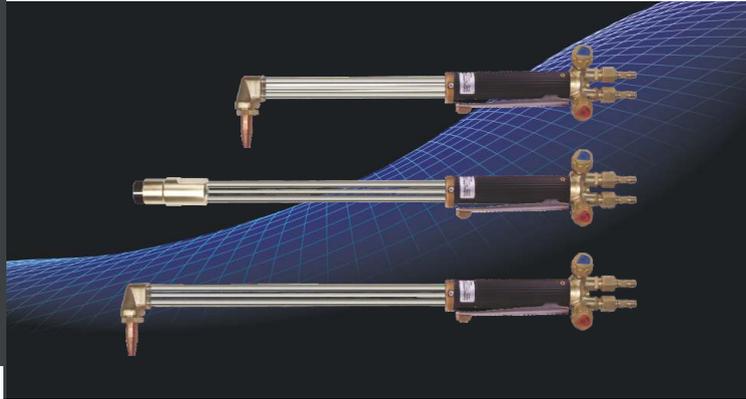


PROFICUT H

THE NEW GENERATION
NOZZLE MIXING
TECHNOLOGY



PRODUCT

Complies to EN ISO 5172

Absolute Safety

- + High resistance to back fires

Balanced Weight

- + Comfortable working for continuous operation
- + Torch weight 1050 gms., length 510 mm

Accurate

- + Precise flow rates
- + Heavy duty applications even at low cylinder pressures
- + Cutting range : 3 - 300 mm

Tough

- + 90° Solid Forged Brass Head

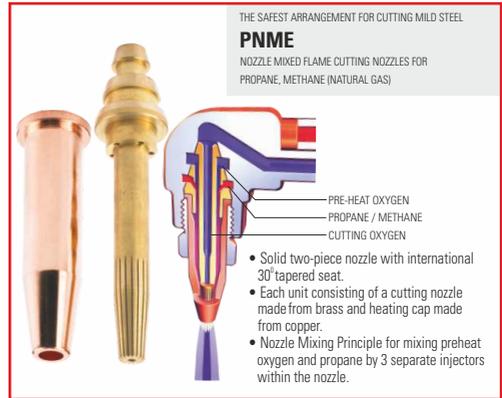
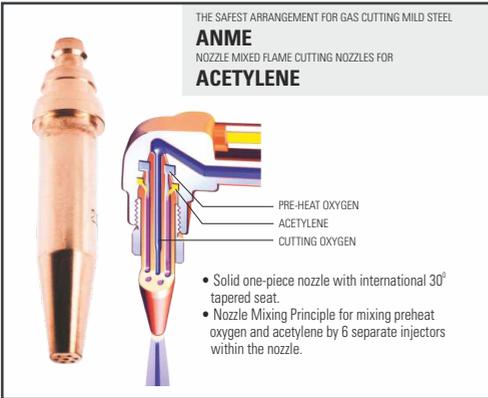
Durable

- + Rugged design ensures maximum strength

Excellent Cutting Quality

- + Reduced Post Cut Grinding Operation

Model	Head	Length	Nozzle Type	Bottom lever (3/8" BSP)	Top lever (9/16"- 18 UNF)
PROFICUT H	90 DEG	510mm	3 Seat	71607125	71606006
SUPERCUTTER	90 DEG	490mm	3 Seat	71607343SUPCUT	On Request
LONG PROFICUT TORCH					
PROFICUT H8607 B-A/PMY	90 DEG	800mm	3 Seat	71607499	71607791
PROFICUT H8607 B-A/PMY	90 DEG	1000mm	3 Seat	71607500	71607792
PROFICUT H8607 B-A/PMY	90 DEG	1200mm	3 Seat	71607501	71607793
PROFICUT H8607 B-A/PMY	90 DEG	1500mm	3 Seat	71607502	71607794
PROFICUT H9607 B-A/PMY	180 DEG	800mm	3 Seat	71607574	71607795
PROFICUT H9607 B-A/PMY	180 DEG	1000mm	3 Seat	71607575	71607796
PROFICUT H9607 B-A/PMY	180 DEG	1200mm	3 Seat	71607576	71607797
PROFICUT H9607 B-A/PMY	180 DEG	1500mm	3 Seat	71607577	71607798



SETTING TABLE FOR ANME CUTTING NOZZLES (ACETYLENE GAS)

ANME Nozzle	Workpiece Thickness		Product Code	Oxygen Pressure		Acetylene Pressure		Oxygen Consumption		Acetylene Consumption		Nozzle Clearance	
	(mm)	(Inches)		(bar)	(p.s.i.)	(bar)	(p.s.i.)	(m³/h)	(c.f./h)	(m³/h)	(c.f./h)	(mm)	(Inches)
Size													
1/32	3-6	1/8-1/4	71616122	2.0	29	≥ 0,5	≅ 8	1.2	42	0.5	17	3-5	0.1-0.2
3/64	6-20	1/4-3/4	71616123	2.5	37			2.8	84	0.6	21		
1/16	20-75	3/4-3	71616124	3.5	51			4.8	168	0.7	25		
5/64	75-125	3-5	71616125	4.0	58			7.8	273	0.8	28		
3/32	125-175	3-7	71616126	4.5	65			10.2	357	0.9	32		
7/64	175-225	7-9	71616128	5.5	80	24.5	861	1.0	35	5-10	0.2-0.4		
1/8	225-300	9-12	71616127	6.5	94	30.1	1058	1.2	42				
						≥ 0,8	≥ 12					10-15	0.4-0.6

SETTING TABLE FOR PNME CUTTING NOZZLES (PROPANE)

PNME Nozzle	Workpiece Thickness		Product Code	Oxygen Pressure		Propane Pressure		Oxygen Consumption		Propane consumption		Nozzle Clearance	
	(mm)	(Inches)		(bar)	(p.s.i.)	(bar)	(p.s.i.)	(m³/h)	(c.f./h)	(m³/h)	(c.f./h)	(mm)	(Inches)
Size													
1/32	3-6	1/8-1/4	71616140	2.0	29	≥ 0,5	≅ 8	2.2	77	0.4	14	3-5	0.1-0.2
3/64	6-20	1/4-3/4	71616141	2.5	37			4.3	151				
1/16	20-75	3/4-3	71616142	3.5	51			7.7	271				
5/64	75-125	3-5	71616143	4.0	58			11.6	408	0.5	18		
3/32	125-175	5-7	71616144	4.5	65			17.8	626	0.6	21		
7/64	175-225	7-9	71616145	5.5	80	25.5	879	0.7	25	10-15	0.4-0.6		
1/8	225-300	9-12	71616146	6.5	94	34.1	1199	0.9	32				

GAS-MIXING GOUGING NOZZLES FOR FUEL GAS ACETYLENE

Type	Size	Product Code	Type	Size	Product Code
	3/16	71616231		3/16	71616234
	1/4	71616232		1/4	71616235