



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.) | (m ³ /h) | (c.f./h) | (m ³ /h) | (c.f./h) | (mm) | (Inches) |
| 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 | 5-10 | 0.2-0.4 |
| 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 | | |
| 1/8 | 225-300 | 9-12 | 71616127 | 6.5 | 94 | ≅ 0.8 | ≅ 12 | 30.1 | 1058 | 1.2 | 42 | 10-15 | 0.4-0.6 |


*Select nozzle as per cutting thickness


SETTING TABLE FOR PNME CUTTING NOZZLES (PROPANE / LPG / BMCG*)

| 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.) | (m ³ /h) | (c.f./h) | (m ³ /h) | (c.f./h) | (mm) | (Inches) |
| 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 | 3.0 | 44 | | | 4.3 | 151 | | | | |
| 1/16 | 20-75 | 3/4-3 | 71616142 | 4.0 | 58 | | | 7.7 | 271 | | | | |
| 5/64 | 75-125 | 3-5 | 71616143 | 4.5 | 65 | | | 11.6 | 408 | 0.5 | 18 | 5-10 | 0.2-0.4 |
| 3/32 | 125-175 | 5-7 | 71616144 | 5.0 | 73 | | | 17.8 | 626 | 0.6 | 21 | | |
| 7/64 | 175-225 | 7-9 | 71616145 | 5.5 | 80 | | | 25.5 | 879 | 0.7 | 25 | | |
| 1/8 | 225-300 | 9-12 | 71616146 | 6.0 | 87 | 34.1 | 1199 | 0.9 | 32 | 10-15 | 0.4-0.6 | | |

*Select nozzle as per cutting thickness

GAS-MIXING GOUGING NOZZLES for fuel gas acetylene

|  | Type | Size | Product Code |
|---|-----------------|------|--------------|
| | AGNM-S straight | 1/8 | 71616230 |
| | | 3/16 | 71616231 |
| | | 1/4 | 71616232 |

|  | Type | Size | Product Code |
|---|---------------|------|--------------|
| | AGNM-C curved | 1/8 | 71616233 |
| | | 3/16 | 71616234 |
| | | 1/4 | 71616235 |

PROFICUT H

| SAFEST DESIGN | LONG LIFE | GAS ECONOMY |
|------------------------------|--|-------------|
| Features | Benefits | |
| Increased Nozzle Clearance | <ul style="list-style-type: none"> Minimal Nozzle Wear, hence Extended Nozzle Life | |
| High Precision Nozzle Design | <ul style="list-style-type: none"> Modern Jet Design gives Economical Cutting Oxygen Consumption Highly focussed and Stable Preheating flame, each time the torch is lighted. Gives High Speed Preheating resulting in saving both oxygen & fuel gas consumption | |