

### **Industrial Gas Equipment**

### **Cutting & Gouging Nozzles**

#### **OXYGEN/ACETYLENE**

Copper oxygen/acetylene cutting nozzles perform the same as traditional brass ones but have the advantage of better heat dissipation and less slag adherence. Nozzles are marked according to the requirements in AS 4839.

Maximum cutting with a GWCA01 and GWCA02 cutting attachment is 150 mm. For cutting up to 300 mm, use Tesuco® one piece cutting torches.

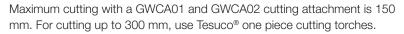




| PART NO  | MAX PLATE THICKNESS | NOZZLE | PRESSURE (kPa) |           | TYPICAL CONSUMPTION (L/min) |           |   |
|--|---------------------|--------|----------------|-----------|-----------------------------|-----------|---|
| Note: Add 'B' to part number for brass finish.                                 | (mm)                | SIZE   | OXYGEN         | ACETYLENE | OXYGEN                      | ACETYLENE | 1 |
| GWSMNA6  | Sheet metal         | 6      | 200            | 100       | 9                           | 1.5       |   |
| GWCNA06 (B)  | 6                   | 6      | 200            | 100       | 11                          | 2         |   |
| GWCNA08 (B)  | 10                  | 8      | 200            | 100       | 20                          | 3.5       |   |
| GWCNA12 (B)  | 20                  | 12     | 250            | 100       | 38                          | 4         | • |
| GWCNA15 (B)  | 75                  | 15     | 350            | 100       | 75                          | 7         |   |
| GWCNA20 (B)  | 125                 | 20     | 400            | 100       | 134                         | 9         |   |
| Acatylene cylinder quide for safe use refer to your gas supplier G = F = D = A |                     |        |                |           |                             |           |   |

#### **OXYGEN/LPG**

Oxygen/LPG cutting nozzles perform extremely well for certain applications. Due to less carbon in LPG, there is less slag adherence to the bottom of the cut. Nozzles are marked according to the requirements in AS 4839.





TVDICAL



|         | MAX PLATE      | NOZZLE | PRESSURE (kPa) |     | CONSUMPT |     |
|---------|----------------|--------|----------------|-----|----------|-----|
| PART NO | THICKNESS (mm) | SIZE   | OXYGEN         | LPG | OXYGEN   | LPG |
| GWCNL06 | 6              | 6      | 200            | 100 | 17       | 2   |
| GWCNL08 | 12             | 8      | 200            | 100 | 30       | 3.5 |
| GWCNL12 | 20             | 12     | 250            | 100 | 68       | 4.5 |
| GWCNL15 | 75             | 15     | 400            | 100 | 111      | 6   |
| GWCNL20 | 125            | 20     | 400            | 100 | 171      | 6.5 |

Note: Typical consumption rates have been listed, but may vary depending on environmental conditions.



Maximum plate thickness for a cutting attachment is 150 mm.



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### **OXYGEN/ACETYLENE**



|  |          | NOZZLE | PRESSURE (kPa) |           | TYPICAL CONSUMPTION (L/min) |             |  |
|--|----------|--------|----------------|-----------|-----------------------------|-------------|--|
| PART NO  | TYPE     | SIZE   | OXYGEN         | ACETYLENE | OXYGEN                      | ACETYLENE   |  |
| GWGNA32  | Bent     | 32     | 500            | 100       | 61                          | 15          |  |
| GWGNA32S   | Straight | 32     | 500            | 100       | 61                          | 15          |  |
| GWGNA48  | Bent     | 48     | 600            | 100       | 85                          | 18          |  |
| Acetylene cylinder guide for safe use, refer to your gas supplier. |          |        |                |           | G =                         | E = 0 D = 1 |  |

### **OXYGEN/LPG**



|          |          | NOZZLE | PRESSURE (kPa) |     | TYPIC<br>CONSUMPT |     |
|----------|----------|--------|----------------|-----|-------------------|-----|
| PART NO  | TYPE     | SIZE   | OXYGEN         | LPG | OXYGEN            | LPG |
| GWGNL32  | Bent     | 32     | 500            | 100 | 94                | 12  |
| GWGNL32S | Straight | 32     | 500            | 100 | 94                | 12  |
| GWGNL48  | Bent     | 48     | 600            | 100 | 120               | 13  |



Typical consumption rates have been listed. These may vary depending on settings by the operator and environmental conditions.