



## GAS CUTTING NOZZLES

- Material : Brass & Copper
- Type B – Brass & Copper
- Unit conversion: 1 bar = 14.3 psi = 1.02 kg/cm<sup>2</sup>
- 1 m<sup>3</sup>/h = 16.67 L /m
- ISI mark : IS 7653

| Nozzle Size<br>(inch) | (mm) | Consumption of Gas                              |                                       | Cutting Thickness<br>(mm) | Gas Pressure ( bar )                           |           |                                                 |            |
|-----------------------|------|-------------------------------------------------|---------------------------------------|---------------------------|------------------------------------------------|-----------|-------------------------------------------------|------------|
|                       |      | OXYGEN<br>(O <sub>2</sub> ) (m <sup>3</sup> /h) | ACETYLENE<br>(DA) (m <sup>3</sup> /h) |                           | Nozzle Type<br>A/ANME<br><br>( 2 Seat/3 Seat ) |           | Nozzle Type<br>B/PNME<br><br>( 2 Seat/ 3 Seat ) |            |
|                       |      |                                                 |                                       |                           | O <sub>2</sub>                                 | DA        | O <sub>2</sub>                                  | LPG        |
| 1/32                  | 0.8  | 5.0 to 5.7                                      | 0.76                                  | 3 – 6                     | 1.5                                            | 0.15      | 1.5                                             | 0.1        |
| 3/64                  | 1.2  | 7.6 to 10.0                                     | 1.02                                  | 6 - 12                    | 2.0                                            | 0.15      | 2.5                                             | 0.15       |
| 1/16                  | 1.6  | 10.0 to 12.7                                    | 1.52                                  | 12 - 75                   | 0.15 - 0.3                                     | 0.15 -0.3 | 3.0 - 3.5                                       | 0.2 - 0.35 |
| 5/64                  | 2.0  | 15.0 to 19.0                                    | 2.50                                  | 75 - 100                  | 3.0                                            | 0.3       | 3.5                                             | 0.4        |
| 3/32                  | 2.4  | 22.0 to 25.5                                    | 3.0                                   | 100 - 150                 | 3.0                                            | 0.3       | 4.0                                             | 0.4        |
| 7/64                  | 2.8  | 30.5 to 35.5                                    | 3.5                                   | 150 - 200                 | 4.0                                            | 0.3       | 4.5                                             | 0.4        |
| 1/8                   | 3.2  | 40.0 to 55.5                                    | 4.8                                   | 200 - 300                 | 4.5                                            | 0.35      | 5.6                                             | 0.5 - 0.6  |



# Hindmedico Product Pvt. Ltd.

An ISO 9001 : 2015 certified company

Manufacturer of :

Industrial , Medical Gas  
& Safety Equipments

## **Technical Specification:**

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