

Model Series: YG-425

Product Type : P80 Ceramic Nozzle (Shield Cup)

Heat-resistant ceramic shield cup for P80 plasma torches. Protects the nozzle/electrode area and stabilizes plasma gas flow.



| Specification | Value |
|---------------|--|
| Part.No | YG-425 |
| Torch type | P80 plasma torch |
| Type | Ceramic shield cup / nozzle |
| Material | Alumina ceramic, high temperature |
| Works with | P80 electrode (YG-410), P80 nozzles (e.g., YG-412/414/416/418/420), swirl ring |
| Function | Shields arc zone, shapes gas flow, protects consumables |

Features:

- High-strength alumina ceramic resists thermal shock.
- Precision inner profile for consistent cut quality.
- Direct replacement for standard P80 shield cups.

Applications:

- Air plasma cutting of steel, stainless, aluminum
- General fabrication and maintenance

Regulations / Applicable Standards:

- IEC/EN 60974-7 (context for torch/consumable assemblies)
- Follow plasma cutter OEM safety instructions and PPE