

Model Series: YG-412 • YG-414 • YG-416 • YG-418 • YG-420

Product Type : P80 Nozzle (Plasma Cutting)

Precision copper/nozzle tips for P80 plasma torches. Available in multiple orifice sizes to suit current settings and cut quality needs.



Part.No	Description	Orifice Ø	Torch type	Material
YG-412	P80 Nozzle	1.1 mm	P80	Copper (nickel plated), precision machined
YG-414		1.3 mm		
YG-416		1.5 mm		
YG-418		1.7 mm		
YG-420		1.9 mm		

Features / Selection:

- Multiple orifice sizes to match current and cut thickness (smaller Ø for lower current/finer kerf; larger Ø for higher current).
- Nickel-plated surface resists oxidation and spatter.
- Use with matching P80 electrode, swirl ring, and shield.

Applications:

- Air plasma cutting of steel, stainless, aluminum
- General fabrication, repair, and site work

Regulations / Applicable Standards:

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