

# APMT-GM

## ZANHO Cutting Tools



## APMT-GM

Milling Inserts

### Feature

ZANHO APMT-GM series is a high-performance **Carbide Milling Insert** designed for medium processing of steel. Featuring a specialized slanted front guide and large curvature chipbreaker

pocket, it ensures smooth chip curling and mitigates cutting vibrations. The reinforced tip and central boss design provide exceptional rigidity and tool life even under interrupted cutting conditions. Ideal for professional CNC milling operations requiring stability and precision.

## Descriptions

### ZANHO Series Performance Features

- **Reinforced Lead-in Surface:** Smooth transition design reduces cutting impact and vibrations, protecting the tip under unstable conditions.
- **Large Arc Concave Chipbreaker:** High-curvature design facilitates fast chip curling and evacuation, effectively reducing heat and friction.
- **Central Protrusion Stability:** Circular support platform increases back rigidity, preventing micro-deformation and ensuring stable tip positioning.
- **Dual Lateral Diversion:** Outwardly extending slopes guide chips to the sides, preventing secondary scratching at the cutting zone.
- **Reinforced Corner Slopes:** Thickened support at the tip reduces the risk of chipping during high-speed cornering and interrupted cutting.

### Technical Specifications

| Type            | L1 (mm) | L2 (mm) | T (mm) | φd2 (mm) | Re |
|-----------------|---------|---------|--------|----------|----|
| APMT1135PDER-GM | 11.25   | 6.20    | 3.50   | 2.80     |    |
| APMT1604PDER-GM | 17.06   | 9.28    | 4.76   | 4.4      |    |

ZANHO - Precision Carbide Solutions

Professional CNC tooling for high-performance milling. Contact us for bulk pricing, customized grade selection, or technical consultation.