# CNMG-ZMP

## ZANHO Cutting Tools







## Feature

ZANHO CNMG-ZMP series is a highly versatile **80° rhombic turning insert** engineered for **General Machining**. Featuring a **Double-Sided 8-edge structure**, it balances high sharpness with edge impact resistance. The specialized ZMP chipbreaker with a large-capacity cavity ensures stable chip control across a wide range of parameters, making it an ideal cost-effective solution for turning, profiling, and boring in both steel and stainless steel components.

## Descriptions

### Key Performance & Features

- **Multi-Process Versatility:** A single geometry optimized for longitudinal turning, profiling, and internal boring, reducing your required tool inventory.

- **Balanced Sharpness & Strength:** Combines a positive rake body for low cutting resistance with reinforced chamfers to withstand interrupted cuts and oxide skin removal.
- **Advanced ZMP Chipbreaker:** The large-capacity curved cavity manages chips effectively from low-feed profiling to high-depth semi-roughing (ap up to 4.0mm).
- **High Cost-Efficiency:** Double-sided design providing 8 effective cutting edges per insert, delivering maximum productivity and lower cost-per-part.
- **Dual Material Compatibility:** Performs exceptionally well in both Carbon Steel (P) and Stainless Steel (M) groups.

## Technical Specifications

| Model | Feed (f) | Cut Depth (ap) |
|---|---|---|
| CNMG120404-ZMP | 0.2 - 0.4 mm/r | 0.5 - 4.0 mm |
| CNMG120408-ZMP | 0.2 - 0.4 mm/r | 0.5 - 4.0 mm |
| CNMG120412-ZMP | 0.2 - 0.4 mm/r | 0.5 - 4.0 mm |

### Boost Your Workshop Productivity

ZANHO ZMP series is the ultimate "all-rounder" for CNC shops. Contact us for bulk wholesale pricing and grade selection for your specific machine rigidity.