

# TCMT-PM

## ZANHO Cutting Tools



**PM**

—— Chip-breaker ——

## Feature

ZANHO TCMT-PM series is a professional **triangle positive turning insert** specifically designed for **Medium Machining**. Featuring the versatile **PM chipbreaker**, it delivers stable cutting

performance and consistent chip evacuation at medium feed rates, making it an ideal choice for general-purpose turning of steel and alloy components with high reliability.

## Descriptions

### Key Performance & Features

- **Medium Machining Specialist:** Optimized for semi-roughing to medium finishing applications, ensuring continuous productivity in general CNC turning.
- **PM Chipbreaker Geometry:** Specifically engineered for stable chip breaking at medium feed rates, effectively preventing chip nesting and workpiece surface damage.
- **Positive Triangle Design:** The 7-degree positive clearance angle reduces cutting forces and heat buildup, ideal for smaller lathes and slender workpiece machining.
- **Stable Cutting Edge:** Precision-ground edges enhance surface finish and machining reliability, maintaining consistent quality in long-running turning cycles.

### Technical Specifications

| Model         | Feed (f)         | Cut Depth (ap) |
|---------------|------------------|----------------|
| TCMT090204-PM | 0.06 - 0.19 mm/r | 0.2 - 2.2 mm   |
| TCMT110204-PM | 0.06 - 0.19 mm/r | 0.2 - 2.2 mm   |
| TCMT110304-PM | 0.06 - 0.19 mm/r | 0.2 - 2.2 mm   |
| TCMT16T304-PM | 0.06 - 0.19 mm/r | 0.2 - 2.2 mm   |
| TCMT16T308-PM | 0.06 - 0.19 mm/r | 0.2 - 2.2 mm   |

### Need Help Selecting the Right Grade?

Our sales team can recommend the optimal grade and coating based on your specific material hardness and machining conditions.

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Thank you for your response. ?

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