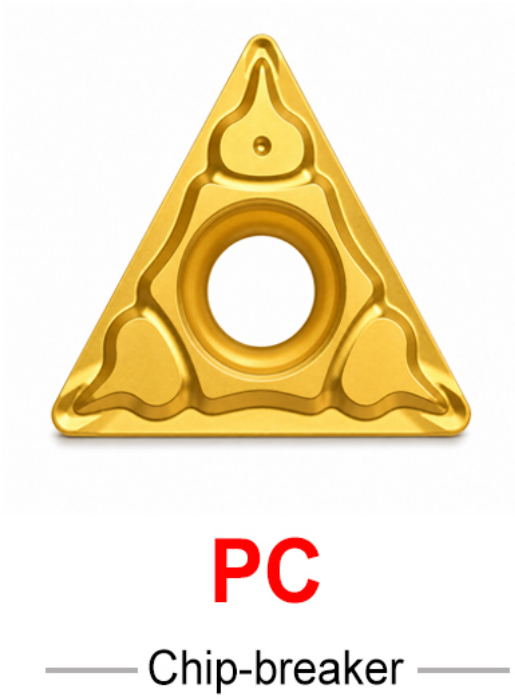
# TCMT-PC

## ZANHO Cutting Tools




## Feature

ZANHO TCMT-PC series is a professional **triangle positive turning insert** specifically designed for **Medium Machining**. Featuring the specialized **PC 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.
- **PC 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-PC | 0.06 - 0.18 mm/r | 0.3 - 2.0 mm |
| TCMT110204-PC | 0.06 - 0.2 mm/r | 0.3 - 2.5 mm |
| TCMT110208-PC | 0.09 - 0.26 mm/r | 0.42 - 2.5 mm |
| TCMT16T304-PC | 0.08 - 0.25 mm/r | 0.35 - 3.0 mm |
| TCMT16T308-PC | 0.10 - 0.28 mm/r | 0.5 - 3.0 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.

? Back

**Thank you for your response. ?**

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