

TCMT-PC

Product Images



PC

—— Chip-breaker ——

Summary

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.

Content

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.

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Thank you for your response. ?

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