

SCMT-PC

ZANHO Cutting Tools



PC

—— Chip-breaker ——

Feature

ZANHO SCMT-PC series is a professional **square positive turning insert** specifically designed for **Medium Machining**. Featuring the specialized **PC chipbreaker**, it delivers stable cutting

performance and consistent chip evacuation across a wide range of feed rates, making it an ideal choice for general-purpose turning and facing of steel and alloy components with high reliability.

Descriptions

Key Performance & Features

- **Medium Machining Excellence:** 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 varying feed rates, effectively preventing chip nesting and surface damage.
- **Square Positive Design:** The square geometry with positive clearance angle reduces cutting resistance and heat buildup, ideal for maintaining stability in continuous turning.
- **Stable Cutting Edge:** Precision-ground edges enhance surface finish and tool reliability, maintaining consistent quality in long-running turning cycles.

Technical Specifications

Model	Feed (f)	Cut Depth (ap)
SCMT09T304-PC	0.08 - 0.25 mm/r	0.35 - 3.0 mm
SCMT09T308-PC	0.10 - 0.28 mm/r	0.5 - 3.0 mm
SCMT120404-PC	0.08 - 0.25 mm/r	0.4 - 4.0 mm
SCMT120408-PC	0.10 - 0.30 mm/r	0.7 - 4.0 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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