SCMT-PM

ZANHO Cutting Tools



Feature

ZANHO SCMT-PM series is a professional **square 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 and facing of steel and alloy components.

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 surface damage.
- **Square Positive Design:** The square geometry with positive clearance 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-PM	0.08 - 0.24 mm/r	0.3 - 3.0 mm
SCMT09T308-PM	0.08 - 0.24 mm/r	0.3 - 3.0 mm
SCMT120408-PM	0.08 - 0.24 mm/r	0.3 - 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.