

SCMT-MT

Product Images



MT

— Chip-breaker —

Summary

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

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

Content

Key Performance & Features

- **Medium Machining Excellence:** Optimized for semi-roughing to medium finishing applications, ensuring continuous productivity in general CNC turning and facing.
- **MT Chipbreaker Geometry:** Specifically engineered for stable chip breaking at higher feed rates, effectively reducing cutting resistance and heat buildup.
- **Square Positive Design:** The square geometry with a positive clearance angle provides superior edge strength while maintaining a sharp cutting action for high surface quality.
- **Stable Cutting Edge:** Precision-ground edges enhance tool reliability and surface finish, ideal for maintaining consistent tolerances in long-running turning cycles.

Technical Specifications

Model	Feed (f)	Cut Depth (ap)
SCMT09T304-MT	0.10 - 0.25 mm/r	1.0 - 5.0 mm
SCMT09T308-MT	0.13 - 0.30 mm/r	1.0 - 5.0 mm
SCMT120404-MT	0.10 - 0.25 mm/r	1.0 - 5.0 mm
SCMT120408-MT	0.13 - 0.30 mm/r	1.0 - 5.0 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.