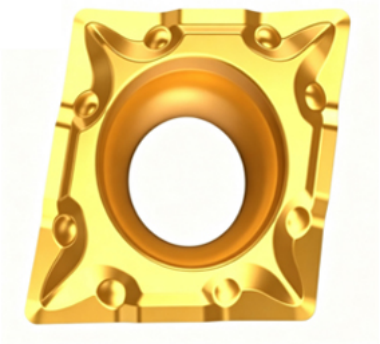
CCMT-ZTM

ZANHO Cutting Tools



ZTM

Chip-breaker

Feature

ZANHO CCMT-ZTM series is a robust **80° rhombic positive turning insert** specifically designed for **Semi-finishing**. Featuring the specialized **ZTM 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 of steel and alloy components.

Descriptions

Key Performance & Features

- **Semi-finishing Specialist:** Optimized for semi-roughing to semi-finishing applications, providing a perfect balance between cutting speed and edge durability.
- **ZTM Chipbreaker Geometry:** Engineered for stable chip breaking at medium feed rates, effectively preventing chip nesting and surface damage.
- **Positive Rhombic Design:** The 80-degree rhombic shape with positive clearance angle reduces cutting forces and heat buildup, ideal for maintaining stability on light to medium-duty CNC lathes.
- **Stable Tool Life:** Precision-ground edges enhance surface finish and machining reliability, maintaining consistent quality in long-running turning cycles.

Technical Specifications

Model	Feed (f) mm/r	Cut Depth (ap) mm
CCMT060204-ZTM	0.07 - 0.20	0.5 - 2.0
CCMT060208-ZTM	0.13 - 0.30	0.7 - 2.0
CCMT09T304-ZTM	0.10 - 0.25	0.7 - 3.5
CCMT09T308-ZTM	0.10 - 0.25	0.7 - 3.5

Need Help Selecting the Right Grade?

Our sales team can recommend the optimal grade and coating based on your specific material hardness and machining setup.