

CCMT-TF1

Product Images



TF1

—— Chip-breaker ——

Summary

ZANHO CCMT-TF1 series is a professional **80° rhombic positive turning insert** specifically designed for **Medium Machining**. Featuring the specialized **TF1 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 Excellence:** Optimized for semi-roughing to medium finishing applications, ensuring continuous productivity in general CNC turning.
- **TF1Chipbreaker Geometry:** Specifically engineered for stable chip breaking at medium feed rates, effectively preventing chip nesting and workpiece surface damage.
- **80° Rhombic Positive Design:** The positive clearance angle reduces cutting forces and heat buildup, making it ideal for maintaining stability on light to medium-duty lathes.
- **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)
CCMT060204-TF1	0.05 - 0.25 mm/r	0.3 - 2.5 mm
CCMT09T304-TF1	0.05 - 0.25 mm/r	0.3 - 2.5 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.