

# CCMT-FG

## Product Images



**FG**

—— Chip-breaker ——

## Summary

ZANHO CCMT-FG series is a professional **80° rhombic positive turning insert** specifically designed for **High-Precision Finishing**. Featuring the specialized **FG chipbreaker**, it delivers

exceptional surface integrity and stable chip control at light cutting depths, making it ideal for the final machining stages of steel and alloy components with superior accuracy.

# Content

## Key Performance & Features

- **Finishing Specialist:** Engineered specifically for high-precision finishing operations, delivering superior surface integrity and dimensional accuracy in professional CNC machining.
- **FG Chipbreaker Geometry:** Optimized for light cutting depths and stable feed rates, ensuring excellent chip breaking and preventing surface marring from long chips.
- **Positive Rhombic Design:** The 80-degree rhombic shape with positive clearance reduces cutting forces and heat buildup, ideal for maintaining tight tolerances even in delicate machining tasks.
- **Smooth Cutting Action:** Precision-ground edges enhance surface finish and tool reliability, maintaining consistent quality in long-running finishing cycles.

## Technical Specifications

| Model         | Feed (f) mm/r | Cut Depth (ap) mm |
|---------------|---------------|-------------------|
| CCMT060204-FG | 0.05 - 0.15   | 0.3 - 1.5         |
| CCMT09T304-FG | 0.05 - 0.15   | 0.3 - 1.5         |
| CCMT09T308-FG | 0.10 - 0.25   | 0.8 - 2.5         |

### Need Help Selecting the Right Grade?

Our sales team can recommend the optimal grade and coating based on your specific material and surface finish requirements.