CCMT-FG

ZANHO Cutting Tools



Feature

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.

Descriptions

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.