CCMT-MT

ZANHO Cutting Tools



MT

Chip-breaker

Feature

ZANHO CCMT-MT series is a professional **80° rhombic 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.

Descriptions

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 medium feed rates, effectively reducing cutting resistance and heat buildup.
- **80° Rhombic Positive Design:** The positive clearance angle reduces cutting forces, making it ideal for maintaining stability on light to medium-duty CNC lathes.
- **Stable Cutting Edge:** Precision-ground edges enhance tool reliability and surface finish, maintaining consistent tolerances in long-running turning cycles.

Technical Specifications

Model	Feed (f) mm/r	Cut Depth (ap) mm
CCMT060204-MT	0.07 - 0.20	0.5 - 2.0
CCMT060208-MT	0.13 - 0.30	0.7 - 2.0
CCMT09T304-MT	0.10 - 0.25	0.7 - 3.5
CCMT09T308-MT	0.13 - 0.30	1.0 - 3.5
CCMT120408-MT	0.13 - 0.30	1.3 - 5.0

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.