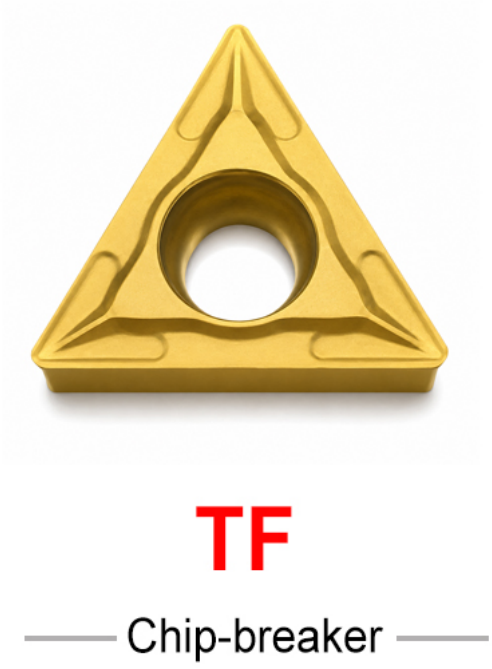
TCMT-TF

ZANHO Cutting Tools



Feature

ZANHO TCMT-TF series is a professional **triangle positive turning insert** specifically designed for **Medium Machining**. Featuring the specialized **TF 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.

Descriptions

Key Performance & Features

- **Medium Machining Excellence:** Optimized for semi-roughing to medium finishing applications, ensuring continuous productivity in general CNC turning.
- **TF Chipbreaker Geometry:** Specifically engineered for stable chip breaking at medium feed rates, effectively preventing chip nesting and surface damage to the workpiece.
- **Positive Triangle Design:** The 7-degree positive clearance angle reduces cutting forces and heat buildup, making it ideal for small to medium-sized workpiece machining.
- **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)
TCMT110202-TF	0.08 - 0.3 mm/r	0.2 - 2.0 mm
TCMT110204-TF	0.08 - 0.3 mm/r	0.2 - 2.0 mm
TCMT110208-TF	0.08 - 0.3 mm/r	0.2 - 2.0 mm
TCMT16T304-TF	0.08 - 0.3 mm/r	0.2 - 2.0 mm
TCMT16T308-TF	0.08 - 0.3 mm/r	0.2 - 2.0 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.

? Back

Thank you for your response. ?

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