

TPMT-FG

Product Images



FG

—— Chip-breaker ——

Summary

ZANHO TPMT1103-FG series is a professional **triangle 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 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 Triangle Design:** The 11-degree 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 machining reliability, maintaining consistent quality in long-running finishing cycles.

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
TPMT110304-FG	0.4 mm	0.07 - 0.20	0.4 - 2.0 mm
TPMT110308-FG	0.8 mm	0.07 - 0.20	0.4 - 2.0 mm

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.

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Thank you for your response. ?

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