

VNMG-TM

Product Images



TM

—— Chip-breaker ——

Summary

ZANHO VNMG1604-TM series is a robust **35° rhombic negative turning insert** specifically designed for **Medium Machining**. Featuring the specialized **TM chipbreaker**, it delivers

exceptional chip control and stable cutting performance across a wide range of cutting depths, making it ideal for high-efficiency turning of steel and alloy components.

Content

Key Performance & Features

- **Medium Machining Excellence:** Optimized for semi-roughing to medium machining operations, providing a perfect balance between chip breaking and edge durability.
- **TM Chipbreaker:** Engineered for stable chip evacuation even at higher feed rates, effectively reducing cutting resistance and heat buildup.
- **Rhombic Stability:** The 35-degree VNMG negative design provides excellent clearance for profiling and intricate turning tasks while maintaining high tool life.
- **Strong Cutting Edge:** Precision-ground edges enhance surface finish and machining reliability, ideal for maintaining consistent quality in long-running turning cycles.

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
VNMG160404-TM	0.4 mm	0.10 - 0.50	0.5 - 5.0 mm
VNMG160408-TM	0.8 mm	0.20 - 0.50	0.5 - 5.0 mm
VNMG160412-TM	1.2 mm	0.25 - 0.55	1.5 - 4.0 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.

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Thank you for your response. ?

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