

YNMG-ZF

Product Images



ZF

—— Chip-breaker ——

Summary

ZANHO YNMG1604-ZF series is a high-performance **35° rhombic negative turning insert** specifically designed for **Medium Machining**. Featuring the specialized **ZF chipbreaker**, it delivers

exceptional chip control and stable cutting performance across a wide range of feed rates, making it ideal for the versatile turning of steel and alloy components with high stability.

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Key Performance & Features

- **Medium Machining Specialist:** Specifically optimized for medium turning operations, providing a perfect balance between cutting speed and tool life durability.
- **ZF Chipbreaker Geometry:** Engineered for stable chip evacuation at varying feed rates, effectively reducing cutting resistance and heat buildup.
- **Rhombic Stability:** The 35-degree negative rhombic design provides excellent clearance for complex profiling, multi-directional turning, and reaching narrow workpiece sections.
- **Strong Cutting Edge:** Enhanced edge toughness allows for stable machining even in slightly interrupted cuts or with varying depths of cut.

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
YNMG160404-ZF	0.4 mm	0.10 - 0.50	0.5 - 5.0 mm
YNMG160408-ZF	0.8 mm	0.20 - 0.50	0.5 - 5.0 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 complexity.

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Thank you for your response. ?

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