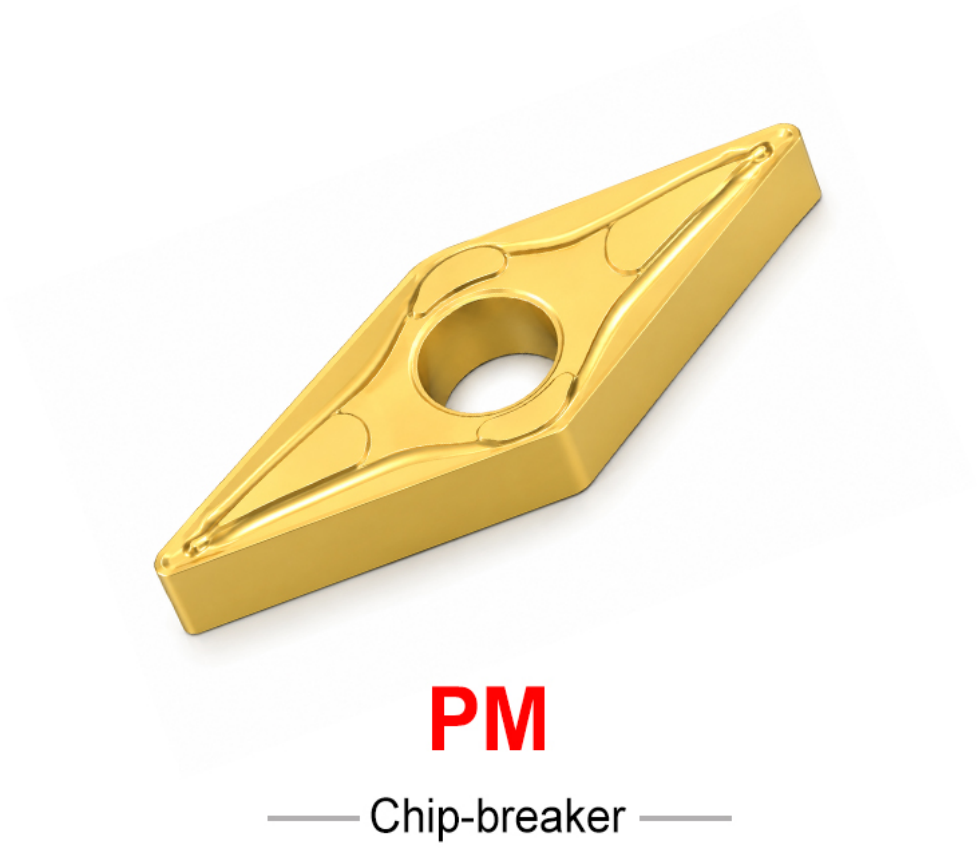
VNMG-PM

ZANHO Cutting Tools



Feature

ZANHO VNMG1604-PM series is a professional **35° rhombic negative turning insert** designed for **Semi-finishing Steel Machining**. Featuring the industry-inspired **PM chipbreaker**, it provides

an excellent balance of edge toughness and chip control, making it ideal for stable profiling and general turning of various steel grades.

Descriptions

Key Performance & Features

- **Semi-finishing Specialist:** Optimized for medium cutting ranges, providing consistent performance from light roughing to final semi-finishing stages.
- **PM Chipbreaker (Sandvik Style):** Engineered with a specialized rake angle to ensure smooth chip evacuation and reduced vibration, especially effective in Steel (P-group) machining.
- **Rhombic Geometry:** The 35-degree VNMG design offers exceptional clearance for complex profiling, multi-directional turning, and reaching narrow workpiece sections.
- **High Edge Integrity:** Reinforced cutting edge design minimizes thermal stress and micro-chipping, extending tool life during high-speed continuous turning.

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
VNMG160404-PM	0.4 mm	0.10 - 0.35 mm/r	0.5 - 4.0 mm
VNMG160408-PM	0.8 mm	0.15 - 0.50 mm/r	0.8 - 4.5 mm

Need Help Selecting the Right Grade?

Our sales team can recommend the optimal grade and coating based on your specific steel hardness and workpiece complexity.

? Back

Thank you for your response. ?

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