WNMG-PM

ZANHO Cutting Tools



Feature

ZANHO WNMG0804-PM is a high-versatility **80° trigon negative turning insert** specifically designed for **Medium Machining of Steel**. Inspired by the industry-standard **PM chipbreaker**

geometry, it provides a perfect balance between cutting edge strength and smooth chip evacuation, ensuring stable performance across diverse steel grades and machining conditions.

Descriptions

Key Performance & Features

- **Medium Machining Excellence:** Optimized for the most common turning range, providing reliable chip breaking from semi-finishing to medium roughing.
- **PM Chipbreaker (Sandvik Style):** Engineered with a reinforced edge and innovative rake angle, delivering exceptional chip control and reducing cutting forces in Steel (P-group) machining.
- **6 Cutting Edges:** The trigon negative geometry maximizes cost-efficiency by offering 6 robust cutting edges with high resistance to edge chipping.
- **Stable Performance:** Precision-ground design minimizes vibration and heat buildup, extending tool life during continuous long-cycle turning operations.

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
WNMG080404-PM	0.4 mm	0.10 - 0.40 mm/r	0.7 - 4.0 mm
WNMG080408-PM	0.8 mm	0.15 - 0.50 mm/r	1.0 - 4.5 mm

Need Help Selecting the Right Grade?

Our technical team can recommend the optimal coating and grade based on your specific steel hardness and machining environment.

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Thank you for your response. ?

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