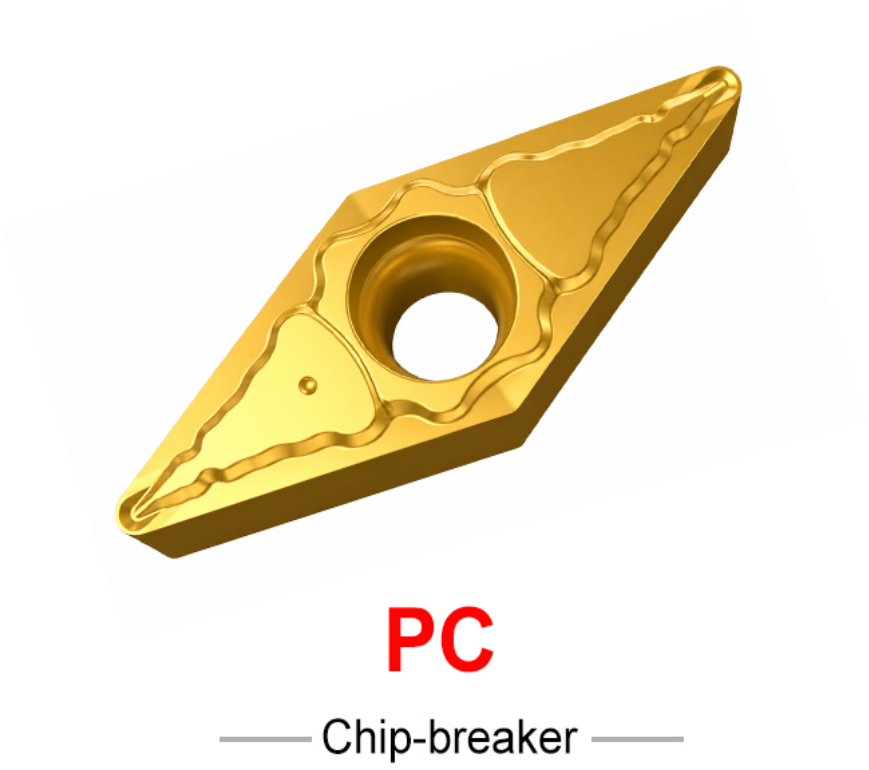
VBMT-PC

ZANHO Cutting Tools



Feature

ZANHO VBMT1604-PC series is a premium **35° rhombic positive turning insert** specifically designed for **Medium Machining**. Featuring a high-clearance positive geometry and the

specialized **PC chipbreaker**, it delivers stable chip control and significantly reduces cutting forces, making it ideal for precision turning and profiling of steel and stainless steel components with superior stability.

Descriptions

Key Performance & Features

- **Medium Machining Specialist:** Optimized for medium turning and profiling operations, providing a perfect balance between sharp cutting action and edge durability.
- **PC Chipbreaker Geometry:** Specifically engineered for stable chip evacuation at varying feed rates, effectively preventing surface scratching and chip accumulation.
- **Rhombic Positive Design:** The 35-degree positive geometry offers outstanding clearance, making it perfect for intricate profiling and reaching narrow workpiece sections.
- **Stable 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)
VBMT160404-PC	0.4 mm	0.07 - 0.22 mm/r	0.5 - 2.8 mm
VBMT160408-PC	0.8 mm	0.10 - 0.27 mm/r	0.5 - 2.8 mm
VBMT160412-PC	1.2 mm	0.10 - 0.28 mm/r	0.5 - 2.8 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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