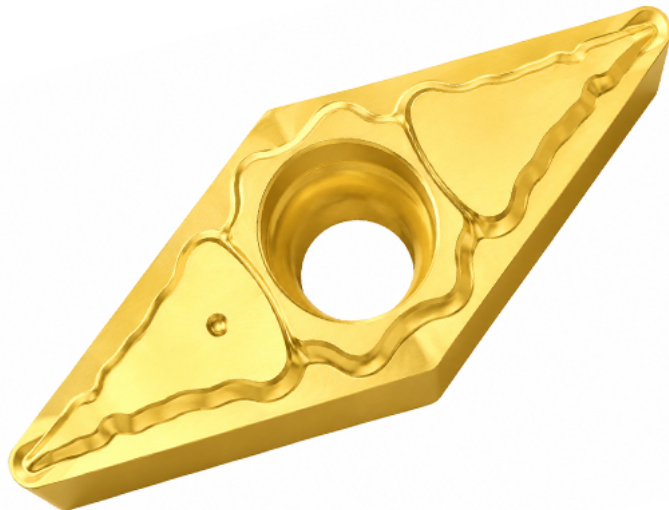


VCMT-PC

Product Images



PC

—— Chip-breaker ——

Summary

ZANHO VCMT1103/1604-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.

Content

Key Performance & Features

- **Medium Machining Specialist:** Optimized for medium turning and finishing operations, providing a perfect balance between sharp cutting action and edge durability.
- **PC Chipbreaker Geometry:** Specifically engineered for stable chip evacuation at low to medium 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.
- **Reduced Cutting Forces:** Precision-ground edges minimize vibration and heat buildup, maintaining tight tolerances in long-running turning tasks.

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
VCMT110304-PC	0.4 mm	0.05 - 0.20	0.1 - 1.7 mm
VCMT110308-PC	0.8 mm	0.05 - 0.20	0.1 - 1.7 mm
VCMT160404-PC	0.4 mm	0.05 - 0.20	0.3 - 2.0 mm
VCMT160408-PC	0.8 mm	0.07 - 0.20	0.3 - 2.0 mm

Looking for Precision Solutions?

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

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Thank you for your response. ?

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