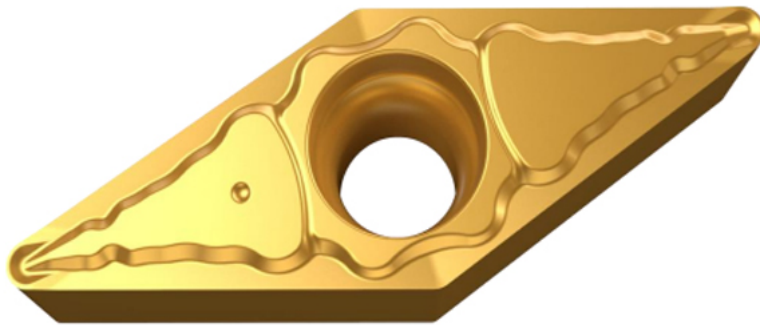


VBMT-PC

Product Images



Summary

- **Turning Specialist:** Engineered as a **35° Rhombic Positive Insert** for specialized profiling and versatile turning operations.
- **PC Chipbreaker Design:** Features the innovative **PC Profile**, optimized for stable chip breaking and reduced cutting forces during **Medium Machining** (Semi-finishing) stages.
- **Exceptional Surface Finish:** Precision-ground edges deliver high dimensional accuracy and superior surface integrity on the workpiece.
- **Precise Radius Options:** Available in **VBMT160404 (R0.4)**, **VBMT160408 (R0.8)**, and **VBMT160412 (R1.2)** to meet diverse CNC machining requirements.
- **Durable Substrate:** Made from premium tungsten carbide with advanced CVD/PVD coating for maximum heat and wear resistance.

Content

Product Series	VBMT-PC				
Insert Shape	35° Diamond				
Relief Angle	5° Positive				
Chipbreaker	PC				
Application	Medium Machining				
Specifications					
Model		IC (mm)	S (mm)		RE (mm)
VBMT160404-PC		9.52	4.76		0.4
VBMT160408-PC		9.52	4.76		0.8
VBMT160412-PC		9.52	4.76		1.2

Available Grades

Workpiece Material	ISO	Available Grades
Steel	P	TC4025
Stainless Steel	M	TP5355
Cast Iron	K	
Heat Resistant Alloy	S	
Non- Ferrous Material	N	