

R390-18-PM

ZANHO Cutting Tools



R390-18-PM

—— Milling Inserts ——

Interchangeable with Sandvik

Feature

ZANHO R390 180608M-PM is a high-capacity 18mm milling insert designed for massive metal removal. Featuring a reinforced **PM chipbreaker** and increased thickness, it supports a **maximum**

depth of cut of 16mm while maintaining stable chip evacuation. With an integrated **1.2mm wiper edge**, it ensures high surface integrity for heavy semi-roughing to semi-finishing tasks.

Descriptions

Key Technical Advantages

- **Extreme Cutting Depth (16mm):** The robust 18mm format with increased body thickness enables a massive maximum cutting depth of 16mm, significantly reducing the number of machining passes.
- **Optimized PM Chipbreaker:** Features a medium rake angle that balances cutting sharpness with edge impact resistance, ideal for stable performance in tough industrial conditions.
- **Enhanced Chip Cavity:** The deep chipbreaker geometry ensures reliable chip curling and rapid evacuation even under high metal removal rates, preventing chip re-cutting.
- **Precision Wiper Edge:** Integrated 1.2mm wiper (Bs) guarantees high-quality vertical wall finishes and floor flatness, reducing the need for secondary finishing.
- **Economic Efficiency:** Dual effective cutting edges allow for tool rotation and reuse, providing a high-performance, cost-effective milling solution.

Insert Dimensional Specifications (mm)

Model	L (Length)	W (Width)	H (Total Height)	d (Hole Dia)	R (Radius)	Bs (Wiper)
R390 180608M-PM	18.71	11.0	15.8	4.2	0.8	1.2

Ready for Ultra-High Efficiency Milling?

ZANHO R390-1806 series is engineered for the most demanding heavy-roughing tasks. Contact us for bulk wholesale pricing and technical support.