BLMP-ZM

ZANHO Cutting Tools



BLMP-ZM

Milling Inserts

Feature

ZANHO **BLMP0603R-ZM** is a high-efficiency **double-sided 4-edge** milling insert designed for specialized **high-feed machining**. Featuring the universal **ZM chipbreaker**, it delivers

exceptionally low cutting resistance and superior anti-vibration performance, making it perfect for low-power machines. Optimized for **Steel, Stainless Steel, Cast Iron, and High-Temp Alloys**, this insert excels in small-depth, high-feed-per-tooth operations such as pocket roughing, ramping, and helical interpolation. The double-point positioning marks ensure high indexing accuracy and process stability.

Descriptions

Key Technical Advantages

- **4-Edge High Economy:** The double-sided structure provides four usable cutting corners, significantly reducing the cost-per-component in high-volume production.
- **ZM Universal Chipbreaker:** Engineered for low cutting resistance and enhanced vibration dampening, ensuring stable performance even on machines with standard rigidity.
- **High-Feed Geometry:** Optimized for small axial depth of cut (APMX 1.0mm) combined with high table feeds, maximizing metal removal rates in pocketing and face milling.
- **Multi-Material Stability:** Reinforced edge structure balances toughness and sharpness, delivering reliable chip evacuation in Steel, Stainless Steel, and Cast Iron.
- **Stable Positioning:** Integrated double-point positioning marks allow for precise tool indexing and consistent machining accuracy.

Insert Dimensional Specifications (mm)

Model	INSL (Length)	W1 (Width)	S (Thickness)	APMX (Max Ap)	RE (Radius)	Edg
BLMP0603R-ZM	9.00	6.39	3.73	1.0	1.0	4 (Dc

Ready to Speed Up Your Production?

ZANHO BLMP series inserts provide the stability and high feed rates you need. Contact us for bulk B2B inquiry and technical machining guides.