SPMT-PM

ZANHO Cutting Tools



Feature

ZANHO **SPMT 120408-PM** is a high-performance **4-edge insert** engineered for **heavy-duty roughing** and large allowance milling. Featuring **chip-splitting protrusions** and a reinforced

honed edge, it excels in managing long chips and resisting impact from workpieces with oxide skin. Perfect for corn cutters and helical side milling, it delivers superior process stability and maximum economic value in demanding industrial conditions.

Descriptions

Key Technical Advantages

- **Active Chip-Splitting Protrusions:** Arrayed protrusions along the cutting edges segment wide chips into narrower strips, significantly improving evacuation and preventing clogging in deep helical milling.
- **Reinforced Impact Resistance:** Specialized honing treatment on the cutting edge provides exceptional toughness, making it ideal for interrupted cuts and workpieces with rough oxide skin or casting scale.
- **Optimized for Corn Cutters:** Specifically designed for helical side milling (corn-cob cutters), maintaining stable chip morphology even under aggressive high-feed conditions.
- **Enhanced Chip Curling:** Rake face chip-breaker pits facilitate rapid chip curling and breakage, protecting the tool and workpiece from heat buildup and chip re-cutting.
- **Universal Roughing Solution:** A highly versatile 4-edge design that excels in side milling, heavy step milling, and high-speed helical interpolation.

Insert Dimensional Specifications (mm)

Model	L (Length)	?I.C (Inscribed)	S (Thickness)	?d (Hole Dia)	R (Radius)	Edges
SPMT 120408-PM	12.7	12.7	4.76	5.5	0.8	4

Master the Toughest Roughing Tasks

ZANHO SPMT-PM series provides the edge security and productivity needed for large-allowance milling. Contact us for bulk B2B pricing and grade guides.