SPMT-RBE

ZANHO Cutting Tools



Feature

ZANHO **SPMT 120408RBE** is a heavy-duty **serrated edge insert** optimized for corn milling (long-edge) roughing. Its active **wavy chip-splitting** geometry segments wide chips, drastically reducing

cutting load and vibration. Built for large allowance side milling in Steel and Cast Iron, it ensures exceptional stability and productivity in interrupted cutting conditions.

Descriptions

Key Technical Advantages

- **Active Wavy Chip-Splitting:** The serrated edge segments wide, long chips into shorter fragments, significantly improving evacuation and preventing chip tangling in deep side milling.
- **Reduced Cutting Load:** Distributed contact length lowers overall cutting forces and spindle torque, allowing for much higher feed rates compared to straight-edge inserts.
- **Impact-Resistant Edge:** Engineered to dissipate cutting shock, making it ideal for interrupted machining, scale removal on castings, and forgings with rough skins.
- **Corn Cutter Optimization:** Specifically matched for corn-cob cutters to achieve massive metal removal rates (MRR) through overlapping insert patterns.
- **Superior Process Stability:** The wavy rake face design assists in secondary chip breaking, ensuring stable continuous roughing even under high-load fluctuations.

Insert Dimensional Specifications (mm)

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

Maximize Your Roughing MRR

ZANHO SPMT-RBE series is the ultimate choice for heavy side milling applications. Contact us for bulk B2B pricing and material grade consultation.