SDMT-ZH

ZANHO Cutting Tools



Feature

ZANHO SDMT120512-ZH and SDMT150512-ZH are high-efficiency 4-edge high-feed inserts designed for mold roughing. Featuring a large arc profile and the reinforced -ZH wavy chipbreaker,

they excel in small depth/large feed (HFR) modes. The thickened body and smooth corner transitions provide maximum impact resistance in steel, pre-hardened steel, and stainless steel.

Descriptions

Core Advantages

- **Large Arc Efficiency:** Engineered for high-efficiency roughing using small axial depth and large feed rates, significantly reducing cutting resistance.
- **-ZH Wavy Chipbreaker:** Features a large positive rake wavy profile with multiple chip-breaking ribs for smooth evacuation and heat suppression.
- **4-Edge Productivity:** Single-sided square design with 4 precision edges effectively controls machining costs per workpiece.
- **Reinforced Structure:** Thickened insert body with smoothed corner transitions reduces stress concentration and enhances impact resistance.
- **Wide Application:** Reliable performance in mold cavity roughing and large surface removal for steel, pre-hardened steel, and stainless steel.

Specifications (mm)

Model	Radius (R)	I.C (?I.C)	Thickness (S)	Hole (d)	Max ap
SDMT120512-ZH	1.2	12.7	5.65	4.3	2.0
SDMT150512-ZH	1.2	15.95	5.65	5.5	2.5

High Efficiency Roughing with -ZH Geometry

ZANHO SDMT-ZH inserts are the ultimate choice for heavy roughing stability. Contact us for bulk pricing and tool compatibility.