MPHW06-ZEL

ZANHO Cutting Tools



MPHW06-ZEL

Milling Inserts

Interchangeable with Hitachi

Feature

ZANHO MPHW0603-ZEL is a high-performance 90-degree square shoulder milling insert. Designed to balance roughing allowance removal and surface quality, it features a positive rake

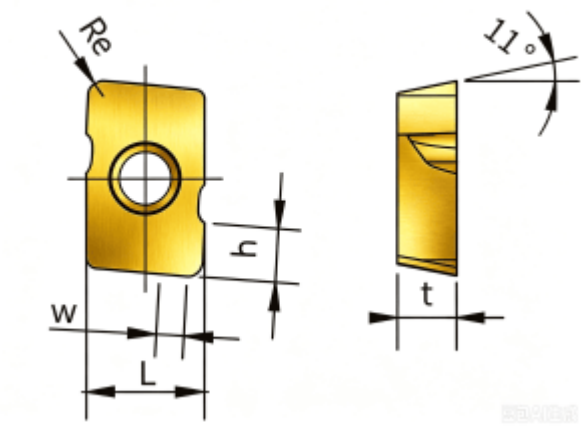
geometry to reduce vibration and cutting load. The optimized -ZEL chipbreaker ensures stable chip evacuation, making it ideal for shoulder milling, plunging, and ramping operations.

Descriptions

Core Advantages

- Precise 90° Profile: Delivers accurate square shoulders and clean corners in profiling tasks.
- Reduced Machining Vibration: Positive rake geometry ensures a light cutting action, protecting the machine spindle.
- Enhanced Edge Strength: Small-scale body with balanced geometry for high durability and performance in roughing.
- Stable Chip Control: Optimized -ZEL chipbreaker facilitates smooth curling and outward discharge, reducing heat buildup.
- Versatile Milling Modes: Supports diverse processes including plunging, ramping, face milling, and step machining.

Specifications (mm)



Model	L (Length)	T (Thickness)	h	Re (Radius)
MPHW060304ZEL	6.35	3.18	3	0.4
MPHW060308ZEL	6.35	3.18	3	0.8

Precision Performance for Square Corner Machining

ZANHO MPHW series balances economic value with industrial-grade precision. Contact us for bulk inquiry and tool holder matching.