

# 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

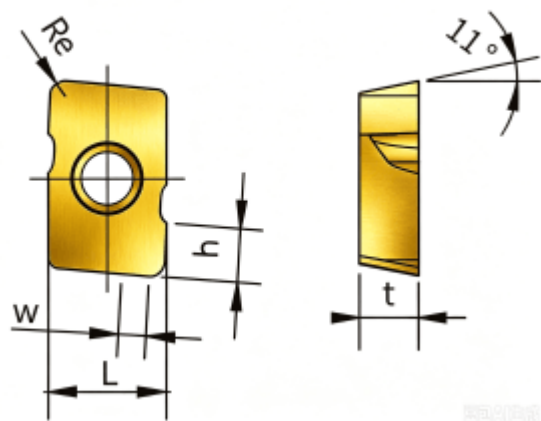
geometry to reduce vibration and cutting load. The optimized -ZEL chipbreaker ensures stable chip evacuation, making it ideal for shoulder milling, plunging, and ramping operations.

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