

# RPMT-JS

## ZANHO Cutting Tools



—— Milling Inserts ——

## Feature

ZANHO **RPMT-JS series**: Single-sided **round positive** insert optimized for 3D profiling and cavity milling. Features an **11° relief angle** to minimize cutting forces and directional chip-breaking

bumps for stable evacuation. The **"E" type wiper edge** design ensures superior surface finish on complex contoured surfaces across multiple materials.

## Descriptions

### Technical Advantages

- **11° Positive Geometry:** High relief angle design significantly reduces cutting resistance and power consumption, ideal for low-to-medium power CNC machines.
- **Directional Chip-Breaking:** Features specialized bumps on the rake face to force chip curling and evacuation, preventing chip wrapping in deep cavities.
- **Integrated Wiper (E-Type):** Precision-ground wiper edge geometry delivers polished surface results on 3D contoured parts, reducing secondary finishing time.
- **Reinforced Edge Treatment:** Precision micro-honing balances cutting sharpness with edge toughness, ensuring stability in light interrupted cuts.
- **Universal Profiling:** Reliable performance across Carbon Steel, Alloy Steel, and Mold Steel for high-efficiency profiling and ramping.

### Technical Specifications (mm)

| Model Type         | I.C (Diameter) | Thickness (S) | Hole (D1) | Radius (Re) | Relief Angle |
|--------------------|----------------|---------------|-----------|-------------|--------------|
| RPMT08T2MOE-JS(R4) | 8.00           | 2.38          | 3.40      | 4.00        | 11°          |
| RPMT10T3MOE-JS(R5) | 10.00          | 3.97          | 4.40      | 5.00        | 11°          |
| RPMT1204MOE-JS(R6) | 12.00          | 4.76          | 5.20      | 6.00        | 11°          |

#### Precision 3D Profiling for Mold Making

ZANHO RPMT-JS series delivers industrial efficiency for complex surface machining. Contact us for bulk B2B inquiry and holder compatibility.