

RT-81

ZANHO Cutting Tools



RT-81

—— Milling Inserts ——

Interchangeable with Safety

Feature

ZANHO **RT070204R-81** and **RT100308R-81** are precision small-format **high-feed milling** inserts. Specifically engineered to achieve high feed per tooth (fz) while maintaining low cutting loads, they

are the ideal solution for **low-rigidity machine tools**. These single-sided 2-edge inserts deliver exceptional stability in pocketing, square shoulder milling, and ramping.

Descriptions

Core Advantages

- **High Feed Efficiency:** Optimized small-format geometry allows for extreme feed per tooth (fz) rates, maximizing metal removal in light roughing.
- **Low Cutting Load:** Specifically designed to reduce spindle torque and radial forces, making it perfect for small or low-rigidity CNC machines.
- **Multi-Process Versatility:** High performance across pocketing, square shoulder milling, and ramping operations with stable chip control.
- **2-Edge Economy:** Single-sided design with 2 precision cutting edges provides a cost-effective and reliable solution for small-scale machining.

Specifications (mm)

Model	I.C (D)	Thickness (S)	Length (L)	Radius (Re)	W (Width)	Hole (d1)
RT 070204R-81	4.30	2.38	6.40	0.4	1.10	2.40
RT 100308R-81	6.35	3.40	9.10	0.8	1.60	3.60

Precision Roughing for Light Machinery

ZANHO RT series ensures process security where rigidity is a challenge. Contact us for bulk B2B inquiry and tool matching.