

RDMW12/16

ZANHO Cutting Tools



RDMW12/16

—— Milling Inserts ——

Feature

ZANHO RDMW series: 15° single-sided **round positive** insert optimized for **mold cavity profiling** and 3D contouring. Low cutting resistance geometry enables stable machining on small-to-medium

power CNCs. Features an advanced rake face to prevent chip wrapping and workpiece scratching during high-efficiency **ramping and helical interpolation**.

Descriptions

Technical Advantages

- **15° High Relief Angle:** Engineered with a large positive rake to significantly reduce cutting loads, making it ideal for machine setups with limited spindle power or high overhang.
- **Optimized Cavity Geometry:** Advanced chipbreaker design constrains chip morphology, effectively resolving chip wrapping and surface scratching in deep mold cavities.
- **Enhanced Impact Toughness:** Reinforced cutting edges allow for a stable transition between continuous surface milling and light interrupted roughing.
- **Profiling Versatility:** Superior performance in 3D profiling, ramping, and circular interpolation for mold and die components.
- **Broad Material Coverage:** Reliable roughing and semi-finishing across Carbon Steel, Alloy Steel, and hardened Mold Steels.

Technical Specifications (mm)

Model Type	I.C (Diameter)	Thickness (S)	Hole (D1)	Radius (Re)	Relief Angle
RDMW1204M0T(R6)	12.00	4.76	4.40	6.00	15°
RDMW1605M0T(R8)	16.00	5.56	5.40	8.00	15°

Stable High-Efficiency Profiling

The ZANHO RDMW series is the standard choice for mold cavity opening and semi-finishing. Contact us for bulk B2B inquiry and tool grade support.