

RDMT-TN

ZANHO Cutting Tools



RDMT-TN

—— Milling Inserts ——

Feature

ZANHO RDMT-TN series: Single-sided **round positive** insert optimized for **3D profiling and mold cavity roughing**. Features an **11° relief angle** and double-ring step geometry to ensure low

cutting resistance and directional chip evacuation. High-reliability choice for **ERX-R5/R6** tool holders in steel and cast iron applications.

Descriptions

Technical Advantages

- **11° Positive Geometry:** High relief angle design significantly reduces cutting resistance and spindle load, ideal for stable machining on small-to-medium power CNCs.
- **Double-Ring Step Geometry:** TN chipbreaker with advanced double-ring rake face ensures stable, directional chip curling, preventing chip packing in deep mold cavities.
- **High Edge Reliability:** Reinforced cutting edges balance sharpness with impact resistance, excelling in both continuous and light interrupted profiling.
- **Profiling Excellence:** Optimized for 3D contoured surfaces, ramping, and helical interpolation with high dimensional stability and superior floor finish.
- **Full-Circle Economy:** The round design allows for multi-edge usage through indexing, maximizing tool life and reducing tool change frequency.

Technical Specifications (mm)

Model Type	I.C (Diameter)	Thickness (S)	Hole (D1)	Radius (Re)	Relief Angle
RDMT10T3MO-TN(R5)	10.00	3.97	4.40	5.00	11°
RDMT1204MO-TN(R6)	12.00	4.76	5.20	6.00	11°

Precision Solution for Mold and Die Cavities

ZANHO RDMT-TN series is compatible with **ERX-R5 and ERX-R6** cutters. Contact us for bulk B2B inquiry and tool grade support.