

RCMT-MT

ZANHO Cutting Tools



RCMT-MT

—— Milling Inserts ——

Feature

ZANHO **RCMT-MT** series features high-strength **round carbide inserts** with a positive 7° clearance angle. Specifically designed for **medium machining** and semi-roughing, the **MT**

chipbreaker ensures excellent chip fragmenting and heat dissipation. Its circular geometry provides the ultimate edge stability for profiling and heavy-duty turning, making it a versatile choice for steel and alloy processing in stable CNC environments.

Descriptions

Key Technical Advantages

- **Stable Medium Machining:** Optimized for semi-roughing to medium turning tasks, providing a high metal removal rate with consistent process security.
- **MT Balanced Chipbreaker:** Specifically engineered for medium loads, offering reliable chip control across a wide range of feed rates and cutting depths.
- **Positive 7° Clearance:** The positive rake and relief angle design reduce cutting friction and prevent work-hardening, resulting in lower power consumption and improved tool life.
- **Superior Edge Strength:** The circular geometry eliminates weak corners, making the insert highly resistant to thermal shock and mechanical impact.
- **Excellent Heat Dissipation:** Large edge-to-body contact area allows for rapid heat transfer, maintaining edge sharpness even during prolonged heavy turning.

Dimensional Specifications

Model	IC (mm)	S (mm)	fn (mm/r)	ap (mm)
RCMT10T3MO-MT	10.0	3.97	0.20 - 0.50	1.0 - 4.0
RCMT120400-MT	12.0	4.76	0.30 - 0.60	2.0 - 5.0

Versatile Round Inserts for CNC Lathes

ZANHO RCMT-MT series delivers the stability you need for complex profiling. Contact us for direct wholesale pricing and technical parameter support.