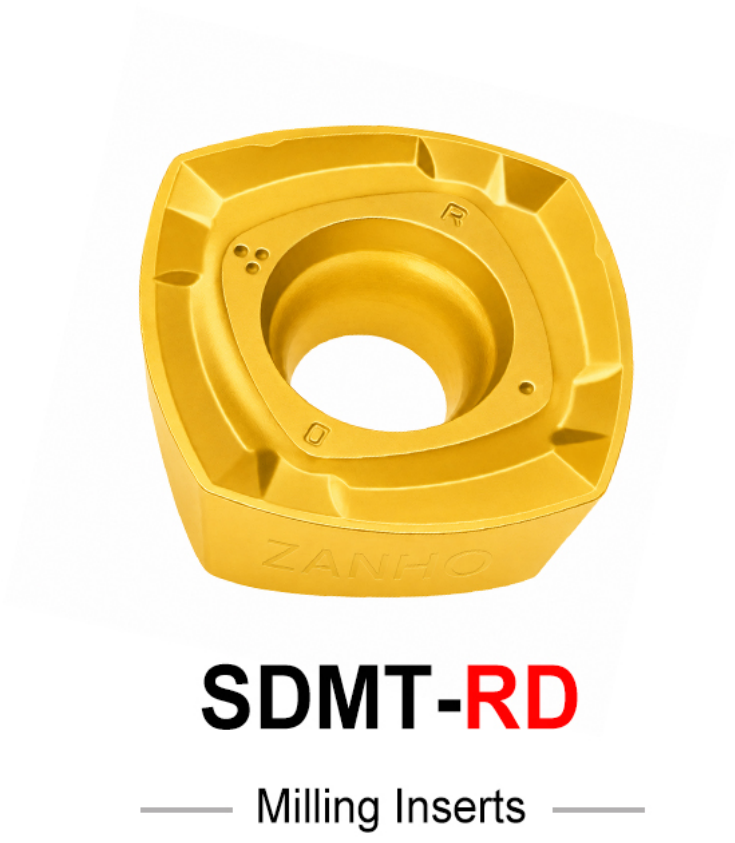
SDMT-RD

ZANHO Cutting Tools



Feature

ZANHO **SDMT 120512-RD** and **SDMT 150512-RD** are premium roughing inserts engineered for **large volume metal removal** and heavy-duty face milling. The **RD chipbreaker** features a unique

stepped multi-level structure and a negative land edge for superior impact resistance. Designed for **deep cuts and high feed rates**, these inserts provide exceptional chip curling control and corner protection, ensuring maximum stability in the most demanding interrupted cutting conditions.

Descriptions

Key Technical Advantages

- **Stepped Multi-Level RD Geometry:** Features a specialized stepped chipbreaker surface that curls and breaks chips in stages, preventing long-chip entanglement during high-volume removal.
- **Negative Land Edge Reinforcement:** The cutting edge is designed with a negative land to maximize basic strength, providing the durability needed to withstand extreme impact in interrupted cuts.
- **Stress-Relief Corner Grooves:** Specially designed stress-relief recesses at the corners disperse cutting pressure, significantly reducing the risk of edge chipping and corner wear.
- **Expansive Chip Cavity:** A wide and deep chip cavity provides ample space for chip flow, drastically reducing the risk of chip clogging during deep-cut operations.
- **Symmetrical Precision & Economy:** Symmetrical layout ensures consistent performance across all cutting edges, complemented by positioning marks for easy and accurate edge identification.

Insert Dimensional Specifications (mm)

Model	R (Radius)	?I.C (Inscribed)	S (Thickness)	d (Hole Dia)	L (Length)
SDMT 120512-RD	1.2	12.7	5.65	4.3	12.7
SDMT 150512-RD	1.2	15.95	5.65	5.5	15.95

Professional Grade Solution for High-Efficiency Roughing

ZANHO SDMT-RD series delivers unmatched metal removal rates and edge security. Contact us for bulk B2B pricing and material compatibility charts.