SDMT-F57

ZANHO Cutting Tools



SDMT-F57

Milling Inserts

Interchangeable with Walter

Feature

ZANHO **SDMT 09T3-F57** is a positive square **4-edge insert** designed for stable face and shoulder milling. Featuring the **F57 chipbreaker** and a 15° relief angle, it ensures low cutting resistance and

reliable chip control across Steel and Cast Iron. Ideal for semi-finishing to light roughing, it delivers maximum economy and process security.

Descriptions

Key Technical Advantages

- **Smooth Positive Geometry:** Engineered with a positive square structure and a 15° relief angle to reduce cutting resistance and machine load, ensuring stable performance on standard rigidity equipment.
- **Stable F57 Chipbreaker:** Optimized geometry for consistent chip curling and evacuation across a wide range of industrial materials, effectively preventing thermal buildup.
- **Economic 4-Edge Configuration:** Features four precision-ground cutting corners per insert, maximizing tool utilization and significantly lowering the tool cost-per-edge.
- **Precision Process Security:** Specifically balanced for continuous to light-interrupted roughing and semi-finishing, providing reliable wall verticality and floor flatness.
- **Multi-Radius Selection:** Available in multiple corner radii (R0.8, R1.6, R2.0) to match specific component geometries and surface finish requirements.

Insert Dimensional Specifications (mm)

Model Type	IC (Inscribed Circle)	S (Thickness)	Re (Radius)	Relief Angle	Tolerance	E
SDMT 09T308-F57	9.52	3.97	0.8	15°	M Class	4
SDMT 09T316-F57	9.52	3.97	1.6	15°	M Class	4
SDMT 09T320-F57	9.52	3.97	2.0	15°	M Class	4

Universal Solutions for Precision Milling

ZANHO SDMT-F57 series deliver unmatched stability and value for industrial manufacturing. Contact us for bulk B2B pricing and material grade support.