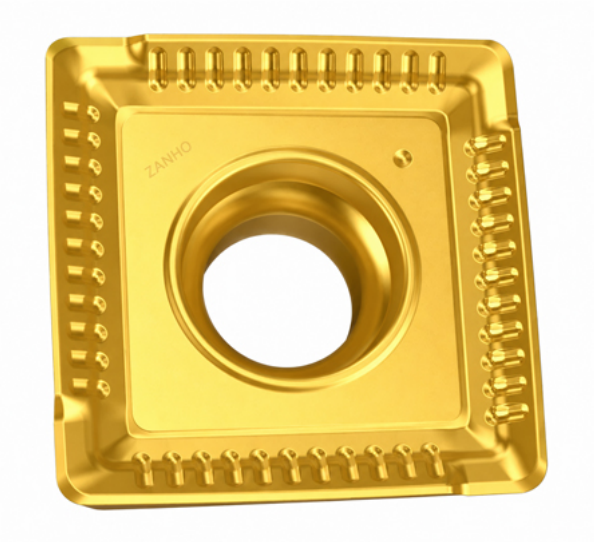
SEMT-M

ZANHO Cutting Tools



Feature

ZANHO **SEMT1304PETR-M** is a versatile **4-edge insert** engineered for **90° square shoulder**, face, and slot milling. Featuring a positive helical cutting edge, it significantly reduces machine load

and suppresses vibration. With an **8.8mm max depth of cut** and integrated wiper geometry, it delivers stable semi-roughing to semi-finishing performance with exceptional side-wall surface quality.

Descriptions

Key Technical Advantages

- **True 90° Shoulder Precision:** Optimized for high-precision square shoulder milling, ensuring excellent verticality on side walls and flatness on floors in a single operation.
- **Low-Resistance Helical Edge:** The aggressive positive geometry and helical cutting edge facilitate light-cutting action, drastically reducing spindle load and harmonic vibrations.
- **Economic 4-Edge Design:** Features a square configuration with four high-precision usable edges, significantly lowering the total tool cost-per-component for industrial users.
- **High Volume Removal (Max 8.8mm Ap):** Robust edge strength supports medium feed rates and a maximum axial depth of cut up to 8.8mm, ideal for efficient semi-roughing.
- **Integrated Wiper Performance:** Specialized wiper geometry along the edge provides superior surface finish quality, reducing the need for secondary finishing passes.

Insert Dimensional Specifications (mm)

Model	L (Length)	?I.C (Inscribed)	S (Thickness)	?d (Hole Dia)	bs (Wiper)	Max
SEMT 1304PETR-M	13.68	13.68	4.76	4.6	0.8	8.8 m

Universal Solutions for Precision Milling

ZANHO SEMT series delivers the ultimate balance of productivity and edge life. Contact us for bulk B2B pricing and material grade selection guides.