

SNMG-PM

ZANHO Cutting Tools



PM

—— Chip-breaker ——

Feature

ZANHO SNMG1204-PM series is a robust **90° square negative turning insert** specifically engineered for **Semi-finishing Steel**. Optimized for profiling and internal hole machining, it delivers

exceptional chip control even under unstable cutting conditions. Featuring a unique chipbreaker point design, it effectively prevents chip clogging and surface marring, ensuring high productivity and superior surface integrity in professional CNC operations.

Descriptions

Key Performance & Features

- **Steel Semi-Finishing Specialist:** Custom-designed geometry optimized for semi-finishing steel components, ensuring high surface quality.
- **Stable Chip Control:** Excellent performance in profiling and internal hole machining, maintaining stable chip breaking even at varying cutting depths.
- **Anti-Clogging Design:** Specialized PM chipbreaker prevents chip nesting and buildup, reducing machine downtime and tool wear.
- **Reliable in Unstable Conditions:** Maintains superior cutting edge integrity even under fluctuating cutting parameters or semi-interrupted cuts.

Technical Specifications

Model	Feed (f)	Cut Depth (ap)
SNMG120404-PM	0.15 - 0.6 mm/r	0.3 - 5.0 mm
SNMG120408-PM	0.15 - 0.6 mm/r	0.3 - 5.0 mm
SNMG120412-PM	0.15 - 0.6 mm/r	0.3 - 5.0 mm

Looking for Specific Steel Machining Solutions?

Contact our technical team for grade matching recommendations (P10-P35) to maximize your productivity and surface finish.