

SNMG-PC

Product Images



PC

—— Chip-breaker ——

Summary

ZANHO SNMG-PC series is a professional-grade **square negative turning insert** engineered for **Medium Machining**. Featuring the specialized **PC chipbreaker**, it delivers exceptional stability

and reliable chip breaking even under varying feed rates. The negative geometry provides superior edge strength, making it the ideal choice for general-purpose turning of steel and alloy steel components.

Content

Key Performance & Features

- **Medium Machining Specialist:** Optimized for semi-roughing to medium finishing applications, ensuring high productivity in general CNC turning.
- **PC Chipbreaker Geometry:** Advanced design specifically for stable chip breaking at medium feed rates, preventing chip nesting and surface damage.
- **Four Cutting Corners:** The square negative design provides four robust cutting edges, offering maximum cost-efficiency and edge strength.
- **Wide Machining Envelope:** Supports cutting depths from 0.4mm up to 5.0mm, providing great versatility for various workpiece diameters.

Technical Specifications

Model	Feed (f)	Cut Depth (ap)
SNMG120404-PC	0.12 - 0.40 mm/r	0.4 - 5.0 mm
SNMG120408-PC	0.15 - 0.50 mm/r	0.5 - 5.0 mm
SNMG120412-PC	0.15 - 0.50 mm/r	0.6 - 5.0 mm

Optimize Your Turning Operations

Custom coatings (CVD/PVD) are available to enhance tool life for specific steel grades. Inquire now for a tailored tooling solution.