

SNMG-YM

Product Images



YM

—— Chip-breaker ——

Summary

ZANHO SNMG-YM series is a specialized **square negative turning insert** designed for **Stainless Steel Semi-Finishing and Semi-Roughing**. Featuring a **Double Rake Angle** design, it perfectly

balances cutting sharpness with edge strength. The unique **YM chipbreaker** with a raised structure and large lateral grooves ensures smooth chip evacuation and prevents chip accumulation, even in sticky stainless steel machining environments.

Content

Key Performance & Features

- **Stainless Steel Specialist:** Optimized for M-group materials, specifically handling the work-hardening tendencies of stainless steel.
- **Double Rake Angle Design:** Engineering a sharp cutting edge while maintaining high fracture resistance for demanding semi-roughing tasks.
- **Raised Chipbreaker Structure:** Delivers stable chip breaking across a wide range of feed rates (0.2-0.5) and cutting depths (0.3-4.0mm).
- **Large Side Grooves:** Provides ample chip pocket space to facilitate rapid chip removal and prevent surface scratching from chip accumulation.

Technical Specifications

Model	Feed (f)	Cut Depth (ap)
SNMG120404-YM	0.2 - 0.5 mm/r	0.3 - 4.0 mm
SNMG120408-YM	0.2 - 0.5 mm/r	0.3 - 4.0 mm
SNMG120412-YM	0.2 - 0.5 mm/r	0.3 - 4.0 mm

Optimizing for Tough Materials?

ZANHO offers PVD coated grades (e.g., ZP25) specifically for heat-resistant alloys and stainless steel. Inquire today for custom solutions.