

SNMG-GF

Product Images



GF

—— Chip-breaker ——

Summary

ZANHO SNMG-GF series is a specialized **square negative turning insert** engineered for **High-Precision Finishing**. Featuring the **GF chipbreaker**, it provides exceptional surface quality and

superior chip control even at extremely light depths of cut and low feed rates. Ideal for final stage turning operations where dimensional accuracy and surface smoothness are critical.

Content

Key Performance & Features

- **Finishing Specialist:** Optimized for high-precision finishing, delivering superior surface integrity and dimensional tolerance.
- **GF Chipbreaker Geometry:** Sharp cutting edge and optimized groove design for stable chip breaking at light cutting depths (as low as 0.1mm).
- **Excellent Surface Finish:** Specifically designed to eliminate surface scratching and provide a mirror-like finish on steel and alloy workpieces.
- **Stable Edge Life:** Precision-ground edges maintain sharpness longer during light finishing passes, reducing tool change frequency.

Technical Specifications

Model	Feed (f)	Cut Depth (ap)
SNMG120404-GF	0.05 - 0.20 mm/r	0.1 - 1.5 mm
SNMG120408-GF	0.10 - 0.40 mm/r	0.1 - 1.5 mm

Need Precision Grade Matching?

ZANHO offers PVD and CVD coatings optimized for high-speed finishing. Contact our team to find the best grade for your specific material hardness.