

DNMG-FG

ZANHO Cutting Tools



FG

—— Chip-breaker ——

Feature

ZANHO DNMG1104-FG is a high-precision 55° rhombic negative turning insert optimized for **Finishing** operations. Featuring the specialized **FG chipbreaker**, it delivers exceptional

surface integrity and stable chip control in Steel (P) and Stainless Steel (M) machining.

Descriptions

High-Precision Finishing Performance

- **FG Chipbreaker:** Engineered specifically for **Precision Finishing**, featuring a sharp cutting edge that delivers exceptional surface smoothness and prevents built-up edge.
- **Stable Chip Control:** Optimized for light depths of cut (ap: 0.5 - 2.0mm), ensuring excellent chip breaking even at low feed rates.
- **Dimensional Accuracy:** High-precision geometry ensures tight tolerances and consistent workpiece dimensions in multi-axis CNC turning.
- **Advanced Surface Integrity:** Reduces cutting resistance and vibration, significantly improving the final workpiece surface quality.

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
DNMG110404-FG	0.4 mm	0.07 - 0.20	0.5 - 2.0 mm
DNMG110408-FG	0.8 mm	0.10 - 0.25	0.7 - 2.0 mm

Recommended Materials

P (Steel) ???

M (Stainless) ???

K (Cast Iron) ??

Need Help Selecting the Right Grade?

Our sales team can recommend the optimal grade based on your workpiece material and machining conditions.