PNMU0905XNER-GM

ZANHO Cutting Tools



Feature

ZANHO **PNMU0905XNER-GM** is a high-efficiency **double-sided 10-edge** face milling insert designed for compatibility with **MFPN66 cutters**. Featuring a low-resistance helical cutting edge, it

significantly reduces spindle load and suppresses vibration during rough to semi-finish operations. The optimized **GM chipbreaker** ensures smooth chip evacuation across Steel, Stainless Steel, and Cast Iron. With its unique 10-cutting edge structure, this insert provides exceptional economic value for large-scale B2B manufacturing and face milling applications.

Descriptions

Key Technical Advantages

- **Double-Sided 10-Edge Economy:** A unique pentagonal design offering 10 usable cutting edges per insert, drastically reducing tool cost-per-component compared to traditional square inserts.
- **Low-Resistance Helical Structure:** Engineered with a helical edge geometry that lowers the cutting resistance, ensuring stable processing even in high-load roughing environments.
- **Vibration Suppression:** The specialized edge design effectively suppresses chatter and harmonic vibrations, resulting in a smoother surface finish and longer spindle life.
- **Universal GM Chipbreaker:** Optimized for versatile chip control, providing excellent fragmentation and evacuation in Steel, Stainless Steel, and Cast Iron machining.
- **High Rigidity Face Milling:** Designed specifically for high-efficiency face milling (MFPN66 series), capable of handling both continuous and light-interrupted cutting conditions.

Dimensional Specifications (mm)

Model	IC (mm)	S (Thickness)	D1 (Hole Dia)	Edges	Compatible Cutter
PNMU0905XNER-GM	9.0	5.0	4.6	10	MFPN66 Series

Ready for High-Efficiency Face Milling?

ZANHO PNMU series offers the ultimate balance of productivity and tool cost. Contact us for bulk B2B pricing and global distribution opportunities.