

WNMU-GL

ZANHO Cutting Tools



WNMU-GL

—— Milling Inserts ——

Feature

ZANHO **WNMU-GL** series is a specialized **long-chip control** milling insert, ideal for low carbon steel and low alloy steel. Featuring a **large positive rake angle**, it significantly reduces cutting

resistance and suppresses vibration, making it perfect for long-overhang setups or machines with limited rigidity. This double-sided 6-corner insert ensures stable, continuous cutting by preventing chip entanglement and surface scoring, delivering a perfect balance between tool life and efficiency in roughing to semi-finishing operations.

Descriptions

Key Technical Advantages

- **Specialized Long-Chip Breaker:** Specifically engineered for materials that produce continuous, stringy chips. Prevents tool entanglement and protects workpiece surface quality.
- **Large Positive Rake Geometry:** Features a sharp, positive rake angle that lowers cutting resistance, ideal for setups with extended tool overhang or limited machine rigidity.
- **Vibration Suppression:** Effectively dampens cutting harmonics, ensuring stable machining processes and improved dimensional accuracy during face and shoulder milling.
- **Reliable Chip Evacuation:** Optimized chipbreaker window allows for stable chip curling across a wide feed range, minimizing the risk of chip-related downtime.
- **Balanced Edge Strength:** Maintains sufficient edge toughness while prioritizing chip control, achieving an optimal balance for rough to semi-finish operations.

Dimensional Specifications (mm)

Model	IC (mm)	S (mm)	D1 (mm)	BS (mm)	RE (mm)
WNMU080608EN-GL	14.02	6.65	6.2	1.3	0.8

Facing Severe Chip Entanglement?

ZANHO WNMU-GL series provides the ultimate stability for long-chip steel machining. Contact us for technical support and B2B bulk wholesale inquiries.