LNMU0202ZER-MM

ZANHO Cutting Tools



Feature

ZANHO **LNMU0202ZER-MM** is a micro-sized **double-sided 4-edge insert** optimized for small-diameter tools (**8-16mm**). Engineered for high-feed roughing in narrow cavities, its geometry

directs cutting forces axially to **minimize tool deflection**. Ideal for small parts and profiling, it delivers exceptional process stability and maximum economy at a 0.5mm max depth.

Descriptions

Key Technical Advantages

- **Optimized for Small Diameters:** Specifically designed for tool bodies from 8mm to 16mm, making it the perfect solution for micro-machining and narrow workpiece areas.
- **Axial Force Control:** Large lead angle geometry ensures cutting forces are directed primarily towards the spindle, significantly reducing radial deflection and tool "push-away" in deep cavities.
- **Double-Sided 4-Edge Economy:** High tool utilization with four usable cutting corners per insert, delivering stable performance and lower tool cost-per-edge for precision manufacturing.
- **Stable High-Feed Roughing:** Supports small axial depths of cut (Max 0.5mm) with high feed rates, maximizing metal removal productivity in confined 3D spaces.
- **Reinforced Edge Geometry:** Precision-ground edges are reinforced to handle light interrupted cutting and maintain consistent accuracy during complex profiling tasks.

Insert Dimensional Specifications (mm)

Model	LE (Edge Length)	W (Width)	S (Thickness)	RE (Radius)	APMX (Max Depth
LNMU 0202ZER-MM	2.2	4.8	2.8	0.2	0.5

Master Micro-Machining Efficiency

ZANHO LNMU series delivers precision for small part roughing and narrow pocketing. Contact us for bulk B2B inquiry and technical machining support.