LNMU0303ZER-MJ

ZANHO Cutting Tools



Feature

ZANHO **LNMU 0303ZER-MJ** is a high-efficiency **double-sided 4-edge** insert engineered for **high-feed roughing**. Optimized for Steel and Stainless Steel, it excels in small depth-of-cut

($ap=0.5$mm) machining by directing forces towards the spindle to minimize deflection. It delivers **superior side-wall quality** and maximum economy for mold making and 90° shoulder applications.

Descriptions

Key Technical Advantages

- **Double-Sided 4-Edge Economy:** Features four highly effective cutting edges per insert, significantly increasing tool utilization and providing an exceptionally low cost-per-edge for mass production.
- **High-Feed Geometry (Max 0.5mm Ap):** Specifically engineered for high-feed roughing at small axial depths, achieving massive metal removal rates (MRR) while maintaining process stability.
- **MJ Chipbreaker Optimization:** Advanced rake geometry facilitates controlled chip curling and smooth evacuation, preventing thermal buildup and protecting the cutting edge in Steel and Stainless machining.
- **Reduced Tool Deflection:** The large lead angle design directs cutting forces primarily towards the machine spindle, effectively suppressing vibration and deflection in long-overhang setups.
- **Superior Wall Quality:** Delivers excellent surface integrity even during aggressive roughing, meeting the high verticality requirements of mold bases and 90-degree step components.

Insert Dimensional Specifications (mm)

Model	L (Length)	W (Width)	H (Height)	ap (Max Depth)	t (Thickness)	d (Hole D
LNMU 0303ZER-MJ	11.86	6.0	10.2	0.5	3.73	2.9

Accelerate Your Mold Roughing Productivity

ZANHO LNMU series is the ultimate solution for high-speed, high-feed applications. Contact us for bulk B2B inquiry and technical material grade selections.