EPMT100312ZER

ZANHO Cutting Tools



EPMT10

Milling Inserts

Interchangeable with DIJET

Feature

ZANHO **EPMT100312ZER** is a medium-duty high-feed insert engineered for **efficient cavity roughing** and face milling. Featuring a reinforced **3D ZER chipbreaker**, it maximizes metal

removal rates while providing high edge strength for interrupted cuts. Perfect for Steel and Cast Iron, it ensures stable chip evacuation and reliable performance at a 1.0mm cutting depth.

Descriptions

Key Technical Advantages

- **High Productivity Roughing:** Specifically developed for medium-sized cavities and surface milling, achieving an ideal balance between high metal removal rates and edge durability.
- **Low-Resistance 3D Geometry:** The specialized ZER chipbreaker utilizes a three-dimensional structure to reduce cutting resistance and heat, ensuring stable performance on varied spindle powers.
- **Reinforced Cutting Edge:** Advanced edge strengthening allows the insert to handle higher feed-per-tooth (f_z) and reliably process medium-interrupted cutting conditions.
- **Stable Chip Evacuation:** Optimized chip-pocket design facilitates smooth chip fragmenting and expulsion, preventing thermal buildup and secondary cutting.
- **Universal Material Coverage:** Delivers high-efficiency performance across Steel, Cast Iron, and Stainless Steel machining applications.

Insert Dimensional Specifications (mm)

Model	s (Thickness)	r? (Radius)	Max ap	Edges
EPMT100312ZER	3.18 mm	R1.2 mm	1.0 mm	2 (Single-sided)

Scale Up Your Roughing Output

ZANHO EPMT series is the professional choice for medium cavity roughing. Contact us for bulk B2B pricing and material grade selection guides.