TNGU120708PER-MJ

ZANHO Cutting Tools



Interchangeable with Tungaloy

Feature

ZANHO **TNGU120708PER-MJ** is a high-economy **double-sided 6-edge** triangular insert. Featuring the universal **MJ chipbreaker** for stable chip evacuation and high body rigidity, it

supports face, shoulder, and ramping operations at a **7mm max depth of cut**. It delivers consistent performance in Steel and Cast Iron with maximum tool utilization.

Descriptions

Key Technical Advantages

- **6-Edge Economic Value:** Unique triangular double-sided structure provides six high-precision cutting corners per insert, drastically reducing the total tool cost-per-part compared to traditional single-sided inserts.
- **Universal MJ Chipbreaker:** Optimized for stable chip curling and reliable evacuation, ensuring smooth machining across a wide range of medium-duty roughing to semi-finishing tasks.
- **Enhanced Body Rigidity:** Features a robust 7.94mm thickness and high-strength substrate to withstand light interrupted cutting and maintain superior process security.
- **Stable Medium Depth Machining:** Optimized axial cutting depth (APMX) up to 7mm allows for increased metal removal rates (MRR) while maintaining predictable tool life in Steel and Iron.
- **Versatile Process Versatility:** A highly flexible solution that excels in high-efficiency face milling, square shoulder milling, and complex 3D ramping operations.

Insert Dimensional Specifications (mm)

Model	IC (Inscribed Circle)	S (Thickness)	LE (Edge Length)	RE (Radius)	APMX
TNGU 120708PER-MJ	12.70	7.94	12.0	0.80	7.0

Maximize Economy in Every Cut

ZANHO TNGU-MJ series provides the stability and efficiency required for modern mass production. Contact us for bulk B2B pricing and global distribution opportunities.