HNMX-MM

ZANHO Cutting Tools



Feature

ZANHO **HNMX 050410-MM** is a high-performance hexagonal insert featuring a **double-sided 12-edge** structure for maximum economic value. Engineered for **heavy-duty face milling**, it offers

exceptional impact resistance and high rigidity for large-allowance roughing. With a **4mm maximum axial depth of cut** and optimized chip evacuation, it ensures stable performance in demanding Steel and Cast Iron applications.

Descriptions

Key Technical Advantages

- **Hexagonal 12-Edge Economy:** Unique double-sided hexagonal geometry providing 12 effective cutting corners per insert, drastically lowering tool cost-per-part in mass production.
- **Reinforced Edge Treatment:** Specifically hardened edge geometry delivers superior impact resistance, effectively handling interrupted cuts and workpiece scale.
- **Optimized Heavy Roughing (Max 4mm Ap):** High-rigidity body supports aggressive metal removal rates and large radial engagement, optimized for large-allowance face milling tasks.
- **Superior Chip Management:** Advanced chipbreaker design ensures controlled chip curling and smooth evacuation, minimizing friction and thermal buildup at the cutting zone.
- **Stable Process Security:** Designed for reliability in Steel and Cast Iron machining, maintaining consistent surface quality even under high-load fluctuations.

Insert Dimensional Specifications (mm)

Model	D (Diameter)	H (Total Height)	d (Hole Dia)	T (mm)	S (Thickness)	R (Radi
HNMX 050410-MM	12.7	12.7	5.2	5.0	4.7	1.0

Ultimate Productivity for Face Milling

ZANHO HNMX series inserts deliver unmatched economy and reliability in heavy roughing. Contact us for bulk B2B pricing and global distribution opportunities.