4NKT-M

ZANHO Cutting Tools



Feature

ZANHO **4NKT-M** is a specialized **double-sided 4-edge** milling insert, providing a high-economy **alternative to solid carbide tools** for small-diameter applications. Designed for high-feed

roughing, its optimized geometry ensures smooth chip evacuation and stable processing in Steel and Iron. Perfect for pocketing and face milling, it delivers exceptional productivity with reduced tool costs.

Descriptions

Key Technical Advantages

- **Solid Carbide Alternative:** Specifically designed for small-diameter cutters, offering the performance of solid carbide tools with the economic flexibility of indexable inserts.
- **Double-Sided 4-Edge Economy:** High tool utilization with four usable cutting corners, significantly reducing tool cost-per-part in volume production.
- **Optimized High-Feed Geometry:** Balanced edge strength and sharpness allow for high-efficiency metal removal and stable processing under varied conditions.
- **Superior Chip Management:** Engineered curved geometry guides chips away smoothly, reducing friction and thermal buildup at the cutting zone.
- **Multi-Functional Versatility:** Ideal for 3D milling tasks including face milling, pocket roughing, ramping, and helical interpolation.

Insert Dimensional Specifications (mm)

Model	H (mm)	L (Length)	d (Hole Dia)	S (Thickness)	T (Total H)	R (Radius)
4NKT 040204R-M	4.0	4.0	2.15	2.59	3.10	0.4
4NKT 040208R-M	4.0	4.0	2.15	2.59	3.10	0.8
4NKT 060304R-M	6.6	6.6	3.4	3.72	4.56	0.4
4NKT 060308R-M	6.6	6.6	3.4	3.72	4.56	0.8
4NKT 090408R-M	8.6	8.6	4.25	4.7	5.9	0.8

Maximize Economy in Small Diameter Milling

ZANHO 4NKT-M series is the ultimate high-feed solution for compact machining tasks. Contact us for bulk B2B inquiry and technical machining guides.