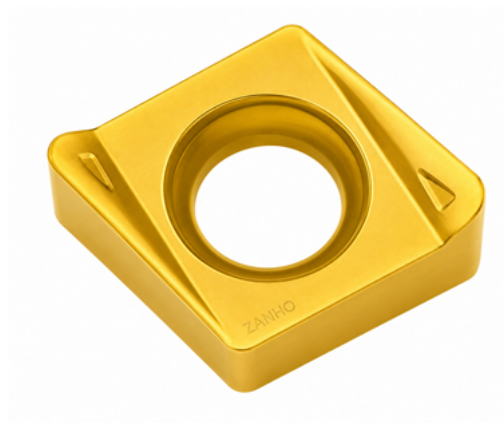


# 4NKT-M

## ZANHO Cutting Tools



# 4NKT-M

—— Milling Inserts ——

## 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.