

# MF80-M50

## ZANHO Cutting Tools



## MF80-M50

— Milling Inserts —

## Feature

ZANHO MF80 130508M-M50 is a high-efficiency **negative double-sided 8-edge** milling insert, specifically designed for **89.5° lead angle** machining. Featuring a sharp positive rake for light-

cutting action and excellent chip fragmentation, it is ideal for both **step and face milling** applications. The 8-cutting edge structure delivers maximum economic value per insert. It is perfectly matched with ZANHO **WFM89.5 series milling cutters** (63mm to 125mm) for high-stability CNC production in steel and cast iron machining.

## Descriptions

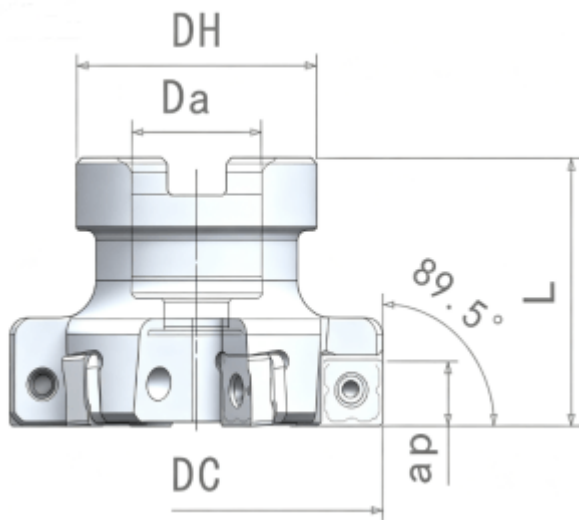
### Key Technical Advantages

- **Double-Sided 8-Edge Economy:** Utilizes 8 usable cutting edges per insert, significantly reducing tool costs in high-volume production.
- **89.5° Lead Angle Precision:** Specifically designed for 89.5-degree cutters to produce high-quality square shoulders and exceptional verticality.
- **Light Cutting Action:** Sharp positive rake geometry reduces spindle torque and suppresses vibration, ensuring stable machining even on lighter machines.
- **Versatile Milling:** Perfectly suited for both face milling and step milling, providing reliable chip evacuation in Steel and Cast Iron.

### Insert Dimensional Specifications (mm)

| Model            | d (IC) | a (mm) | t (Thickness) | R (Radius) | Edges |
|------------------|--------|--------|---------------|------------|-------|
| MF80 130508M-M50 | 13.0   | 1.75   | 5.55          | 0.8        | 8     |

### Matching Milling Cutters (WFM89.5 Series)



| Model (Cutter)           | Max AP (mm) | Teeth | DC (Dia) | DCX | Da | L (Height) | Insert |
|--------------------------|-------------|-------|----------|-----|----|------------|--------|
| WFM89.5MF80-563A22R-13   | 10          | 5     | 63       | 42  | 22 | 40         | A      |
| WFM89.5MF80-680A27R-13   | 10          | 6     | 80       | 50  | 27 | 50         | A      |
| WFM89.5MF80-8100B32R-13  | 10          | 8     | 100      | 61  | 32 | 50         | B      |
| WFM89.5MF80-12125B40R-13 | 10          | 12    | 125      | 73  | 40 | 63         | B      |

### Complete Face Milling Solution

ZANHO MF80 series inserts and WFM89.5 cutters provide high stability and speed. Contact us for technical grade support and bulk B2B inquiry.