MF80-M50

ZANHO Cutting Tools



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

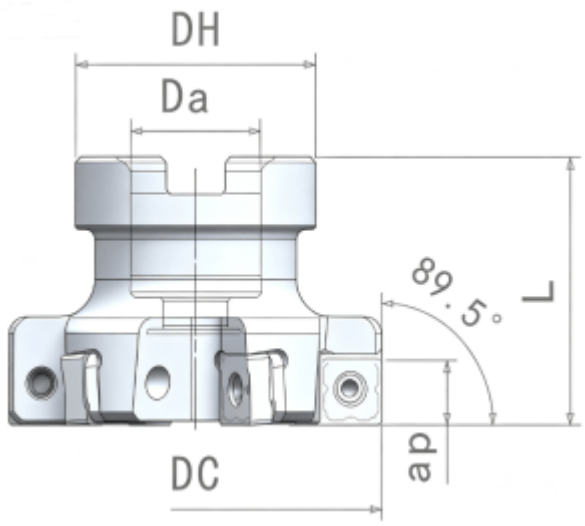
Key Technical Advantages

- **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)	In
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.