

ONHU050408-F57

ZANHO Cutting Tools



ONHU-F57

—— Milling Inserts ——

Interchangeable with Walter

Feature

ZANHO **ONHU 050408-F57** is an extremely economical **double-sided octagonal** milling insert offering up to **16 cutting edges**. Specifically designed for high-efficiency finishing and semi-

finishing, it features an **H-class fully ground periphery** for superior dimensional accuracy. Its positive rake geometry reduces axial pressure, making it ideal for thin-walled workpieces and high-quality surface requirements in Steel and Cast Iron machining.

Descriptions

Key Technical Advantages

- **Extreme 16-Edge Economy:** The double-sided octagonal design provides a total of 16 precision edges, drastically reducing tool cost-per-edge and inventory expenses.
- **H-Class Fully Ground Periphery:** Entire insert periphery is precision-ground to ensure tight tolerances and ultra-sharp cutting edges for superior surface finishes.
- **Low Cutting Resistance:** Despite its negative basic shape, the F57 geometry features a positive rake design to facilitate light-cutting action and reduce machine spindle load.
- **Reduced Axial Pressure:** Engineered to lower axial forces during machining, making it perfect for processing thin-walled components or workpieces with low rigidity.
- **Broad Material Application:** Specialized for finishing and semi-finishing of Cast Iron and Steel in automotive and general machinery manufacturing.

Insert Dimensional Specifications (mm)

Model	Shape	Edge Length	S (Thickness)	Re (Radius)	Tolerance	Total Edge
ONHU 050408-F57	Octagonal	5.26	4.76	0.8	H-Class	16

The Ultimate Finishing Solution with 16 Edges

ZANHO ONHU-F57 series delivers unmatched economy and precision for modern finishing tasks.
Contact us for bulk B2B pricing and material performance testing.