SNMX-F57

ZANHO Cutting Tools

Feature

ZANHO **SNMX 1205-F57** is a robust **double-sided 8-edge** milling insert engineered for heavy-duty roughing to semi-finishing. Featuring a **reinforced negative land** and deep recessed chip cavities,

it excels in machining workpieces with hard skin and scale. It delivers stable chip curling and maximum tool economy for high-volume face milling in Steel and Cast Iron.

Descriptions

Key Technical Advantages

- **Exceptional 8-Edge Economy:** Double-sided negative square structure provides eight highly effective cutting corners, significantly lowering the tool cost-per-edge for industrial users.
- **Reinforced Negative Land:** The cutting edge is treated with a robust negative land geometry to provide superior resistance to chipping and fracture, ideal for machining through casting scale and hard workpieces.
- **Chip-Guiding Ridge Structure:** Features integrated limit ridges that guide chip curling and flow, preventing chips from scratching the finished surface and maintaining high workpiece integrity.
- **Large-Capacity Chip Cavity:** The deep recessed pocket design provides ample space for rapid chip evacuation, drastically reducing the risk of chip clogging during medium-to-high feed passes.
- **Versatile Machining Stability:** Optimized for stable performance in both continuous and light-interrupted roughing to semi-finishing face milling tasks.

Insert Dimensional Specifications (mm)

Model	L (Length)	I.C (Inscribed)	R (Radius)	S (Thickness)	t (Height)	d (Hole
SNMX 120512-F57	12.7	12.7	1.2	6.3	5.53	6.0
SNMX 1205ZNN-F57	12.7	12.7	0.8	6.75	5.75	6.0
SNMX 1205ANN-F57	12.7	12.7	0.8	6.2	5.5	6.0

Master the Toughest Face Milling Tasks

ZANHO SNMX series delivers the edge security and productivity needed for mass production. Contact us for bulk B2B pricing and material-specific grade availability.