# XNMU-F57

## ZANHO Cutting Tools




## Feature

ZANHO **XNMU-F57** is a high-rigidity **double-sided 14-edge** heptagonal insert engineered for 45° face milling. Featuring a thick negative body and the **F57 chipbreaker**, it delivers exceptional edge

strength and stable chip control. Perfect for high-volume **roughing to semi-finishing** in Steel and Cast Iron, it offers the ultimate economic value in the industry.

# Descriptions

## Key Technical Advantages

- **Unmatched 14-Edge Economy:** Features a unique heptagonal double-sided geometry providing 14 precision cutting corners per insert, delivering the lowest total tool cost for high-volume face milling.
- **Robust Negative Structure:** The thick body and negative substrate provide extreme edge strength, capable of handling aggressive metal removal rates and high-load machining without fracture.
- **Optimized F57 Chipbreaker:** Specifically developed for Steel and Cast Iron roughing, ensuring controlled chip curling and smooth evacuation across both continuous and light-interrupted conditions.
- **Stable 45° Face Milling:** Designed for 45-degree lead angle cutters to balance cutting forces, effectively suppressing vibration and protecting the machine spindle.
- **High Process Security:** The reinforced edge geometry ensures consistent performance and predictable tool life even under fluctuating machining conditions.

## Insert Dimensional Specifications (mm)

| Model Type | d (I.C Diameter) | l (Edge Length) | s (Thickness) | r (Radius) | Edges |
|---|---|---|---|---|---|
| **XNMU 070508-F57** | 14.50 | 6.98 | 4.60 | 0.80 | 14 |
| **XNMU 090612-F57** | 19.05 | 9.18 | 5.88 | 1.20 | 14 |

### Maximize Economy with 14 Cutting Edges

ZANHO XNMU-F57 series delivers unmatched tool utilization for industrial face milling. Contact us for bulk B2B pricing and technical grade availability.