

CNMA

ZANHO Cutting Tools



—— Chip-breaker ——

Feature

ZANHO CNMA series is a heavy-duty **80° rhombic negative turning insert** specifically designed for **Rough Machining** and machining of cast iron. With its **Flat-Top (Plain) geometry**, it provides

maximum cutting edge strength and thermal stability. It is the ideal solution for heavy-load operations, large cutting depths (up to 7.0mm), and interrupted cuts where tool reliability is critical.

Descriptions

Key Performance & Features

- **Heavy Roughing Specialist:** Designed for high-load turning and heavy metal removal, capable of handling cutting depths up to 7.0mm.
- **Flat-Top Edge Strength:** The plain (non-chipbreaker) design offers the highest possible strength for the cutting edge, making it perfect for interrupted cuts and hard crust materials.
- **Cast Iron Optimization:** Superior performance when machining grey cast iron and other materials that produce short, brittle chips.
- **Stable Reliability:** Negative geometry ensures a thick cross-section for maximum heat dissipation and structural integrity during long-running roughing cycles.

Technical Specifications

Model	Feed (f)	Cut Depth (ap)
CNMA120404	0.25 - 0.60 mm/r	2.5 - 7.0 mm
CNMA120408	0.25 - 0.60 mm/r	2.5 - 7.0 mm
CNMA120412	0.25 - 0.60 mm/r	2.5 - 7.0 mm

Need a Solution for Interrupted Cuts?

ZANHO CNMA inserts are perfect for heavy-duty applications. Our team can recommend the optimal grade and coating for your specific cast iron or steel turning needs.