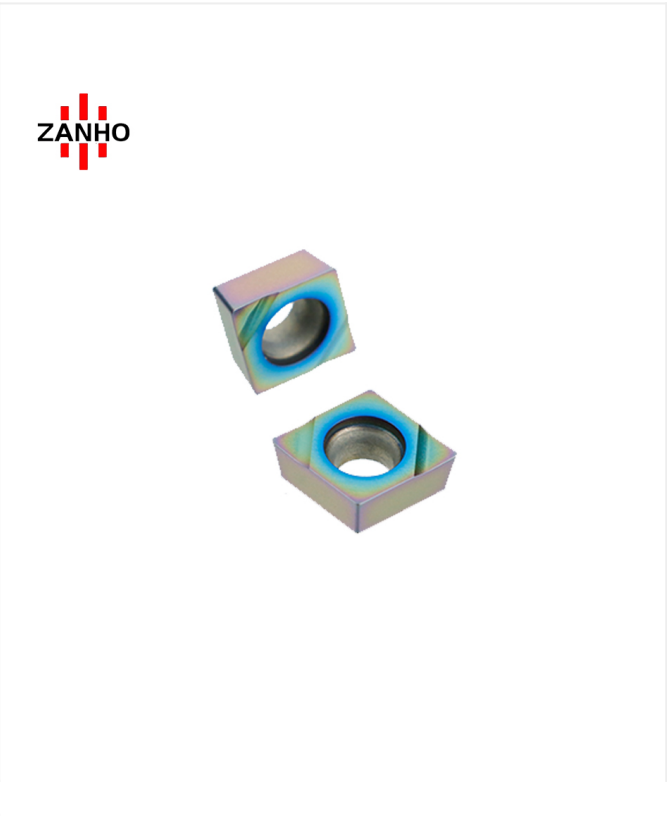
CCMT-GH

ZANHO Cutting Tools





Feature

ZANHO CCMT-GH series is a heavy-duty **80° rhombic positive turning insert** specialized for **hardened materials up to 70 HRC** and **Cast Iron**. Engineered for both interrupted and continuous machining, it offers exceptional stability and tool life, making it the perfect choice for **large workpiece turning on standard lathes**, delivering superior surface integrity in challenging environments.

Descriptions

Key Performance & Features

- **Hardened Material Specialist:** Capable of machining high-hardness materials up to 70 HRC, including quenched steels and hardened alloys.

- **Cast Iron Optimization:** Superior performance in Grey Cast Iron and Ductile Cast Iron, offering excellent wear resistance and thermal stability.
- **Large Workpiece Turning:** Specifically designed for stability on manual/standard lathes when processing large components with consistent accuracy.
- **Continuous & Interrupted Cuts:** Reinforced edge design allows for smooth transitions between continuous and interrupted machining without edge chipping.

Technical Specifications

Model	Feed (f) mm/r	Cut Depth (ap) mm
CCMT060202-GH	0.02 - 0.2	0.03 - 0.8
CCMT060204-GH	0.02 - 0.2	0.03 - 0.8
CCMT060208-GH	0.02 - 0.2	0.03 - 0.8
CCMT09T302-GH	0.02 - 0.2	0.03 - 0.8
CCMT09T304-GH	0.02 - 0.2	0.03 - 0.8
CCMT09T308-GH	0.02 - 0.2	0.03 - 0.8
CCMT120404-GH	0.02 - 0.2	0.03 - 0.8
CCMT120408-GH	0.02 - 0.2	0.03 - 0.8
CCMT120412-GH	0.02 - 0.2	0.03 - 0.8

High-Efficiency Solutions for Hard Materials

Ideal for high-hardness turning where tool life and edge integrity are critical. Contact our technical team for grade recommendations based on your specific material hardness.