CCMT-ZLF

ZANHO Cutting Tools



Feature

ZANHO CCMT-ZLF series is a high-versatility **80° rhombic positive turning insert** engineered for **Precision Finishing** across multiple material groups. It is exceptionally well-suited for **Steel, Stainless Steel, Cast Iron, Non-ferrous alloys, and High-temperature alloys**. Featuring the specialized **ZLF chipbreaker**, it also delivers outstanding performance in **hardened and short-chip materials**, ensuring superior surface integrity.

Descriptions

Key Performance & Features

- **Universal Application:** Expertly designed for a vast range of materials, including Steel, Stainless Steel, Cast Iron, Non-ferrous, and High-temperature alloys.
- **ZLF Chipbreaker Geometry:** Optimized for stable chip control and low cutting resistance, even when processing hardened or short-chip materials in finishing stages.
- **Positive Rhombic Design:** The 80-degree positive geometry reduces cutting forces and heat buildup, ideal for maintaining tight tolerances on light-duty CNC lathes.

- **Superior Surface Finish:** Precision-ground edges enhance surface integrity and tool life, meeting the highest standards for final component aesthetics.

Technical Specifications

Model	Feed (f) mm/r	Cut Depth (ap) mm
CCMT060202-ZLF	0.05 - 0.25	0.2 - 2.0
CCMT060204-ZLF	0.05 - 0.25	0.2 - 2.0
CCMT060208-ZLF	0.05 - 0.25	0.2 - 2.0
CCMT09T302-ZLF	0.05 - 0.25	0.2 - 2.0
CCMT09T304-ZLF	0.05 - 0.25	0.2 - 2.0
CCMT09T308-ZLF	0.05 - 0.25	0.2 - 2.0
CCMT120404-ZLF	0.05 - 0.25	0.2 - 2.0
CCMT120408-ZLF	0.05 - 0.25	0.2 - 2.0

Universal Solution for Complex Finishing

Ideal for workshops handling diverse materials. Contact us for grade and coating recommendations tailored to your most frequent workpiece material.