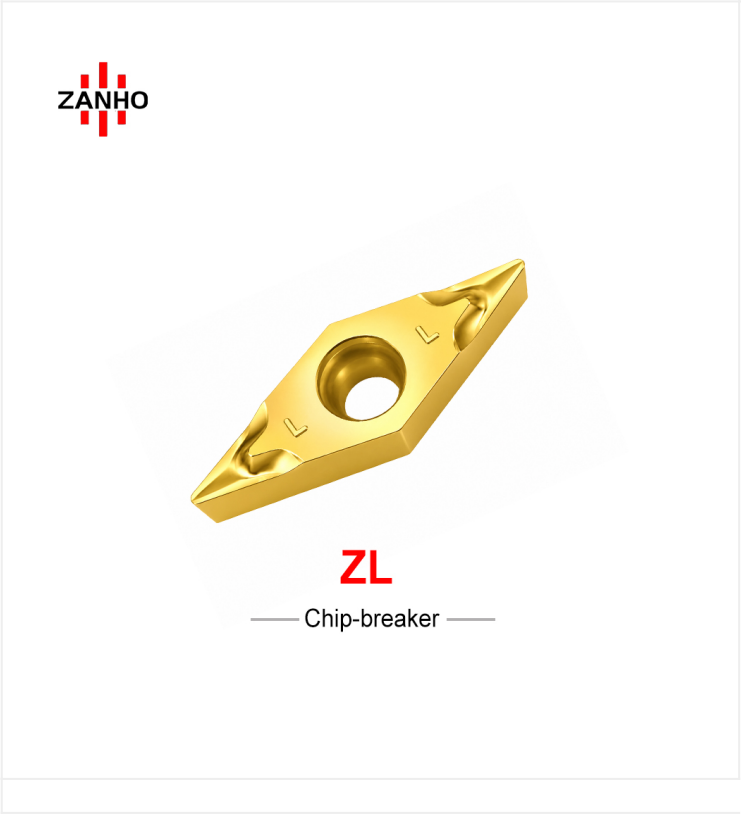
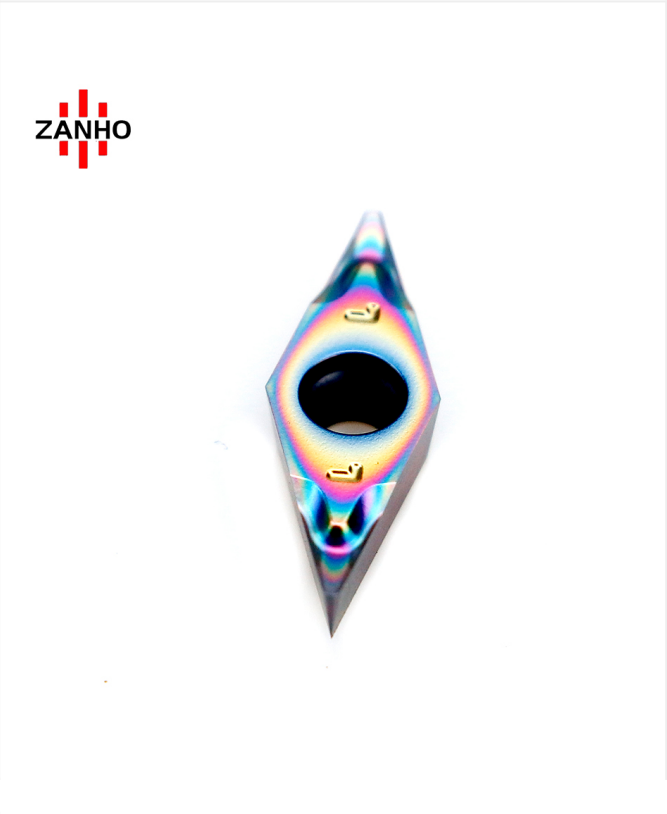
# VCGT-ZL

## ZANHO Cutting Tools




## Feature

ZANHO VCGT1103-ZL is a high-precision **35° rhombic positive turning insert** specifically engineered for **Finishing Stainless Steel**. Featuring **G-grade tolerance** for superior dimensional accuracy, it is optimized for machining **303, 304, and 316 stainless steel**. The specialized **ZL chipbreaker** ensures excellent surface integrity and stable chip control at a consistent 1.0mm cutting depth.

## Descriptions

### Key Performance & Features

- **G-Grade Precision:** Manufactured to G-level tolerance standards, ensuring ultra-high dimensional consistency and minimal vibration for precision finishing tasks.

- **Stainless Steel Expert:** Specifically optimized for the unique challenges of SS303, SS304, and SS316, effectively preventing work hardening and edge buildup.
- **ZL Chipbreaker Geometry:** Designed for stable chip breaking at finishing feed rates, delivering superior surface smoothness and preventing chip-related surface marring.
- **Rhombic Clearance:** The 35-degree positive geometry provides exceptional clearance for complex profiling, multi-directional turning, and reaching intricate workpiece sections.

## Technical Specifications

| Model | Radius (re) | Feed (f) | Cut Depth (ap) |
|---|---|---|---|
| VCGT110301-ZL | 0.1 mm | 0.20 - 0.30 mm/r | 1.0 mm |
| VCGT110302-ZL | 0.2 mm | 0.20 - 0.30 mm/r | 1.0 mm |
| VCGT110304-ZL | 0.4 mm | 0.20 - 0.30 mm/r | 1.0 mm |

### Professional Grade Precision Solutions

Ideal for high-accuracy parts and delicate stainless steel turning. Contact us for the best coating recommendations based on your material grade.

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**Thank you for your response. ?**

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