CCGT-ZF

ZANHO Cutting Tools



Feature

ZANHO CCGT-F/ZF series is a high-precision **80° rhombic positive turning insert** specifically engineered for **Finishing Stainless Steel** (including 303, 304, and 316 grades). Featuring a sharp cutting edge and specialized **F/ZF chipbreakers**, it delivers exceptional surface integrity and dimensional accuracy, effectively preventing work hardening and edge buildup in professional CNC machining.

Descriptions

Key Performance & Features

- **Stainless Steel Specialist:** Optimized specifically for the unique characteristics of SS303, SS304, and SS316, ensuring long tool life and excellent chip control in sticky materials.
- **G-Grade High Precision:** Manufactured with strict tolerances for superior dimensional consistency, making it ideal for high-accuracy finishing and intricate profiling.
- **Advanced Chipbreakers:** F/ZF geometries feature a sharp rake angle to minimize cutting forces and heat buildup, effectively preventing surface scratching.

- **Universal Positive Geometry:** 80-degree rhombic shape with positive clearance provides smooth cutting action and reduces power consumption on light-duty CNC lathes.

Technical Specifications

Code	Insert L (mm)	L.C (mm)	S (Thickness)	d (Hole Dia)	Radius (re)
CCGT030101L-F	3.5	3.5	1.4	1.9	0.1
CCGT030102L-F	3.5	3.5	1.4	1.9	0.2
CCGT030104L-F	3.5	3.5	1.4	1.9	0.4
CCGT040101L-F	4.3	4.3	1.8	2.3	0.1
CCGT040102L-F	4.3	4.3	1.8	2.3	0.2
CCGT040104L-F	4.3	4.3	1.8	2.3	0.4
CCGT060201-ZF	6.35	6.35	2.38	2.75	0.1
CCGT060202-ZF	6.35	6.35	2.38	2.75	0.2
CCGT060204-ZF	6.35	6.35	2.38	2.75	0.4
CCGT09T3005-ZF	9.59	9.59	4.18	4.42	0.05
CCGT09T301-ZF	9.59	9.59	4.18	4.42	0.1
CCGT09T302-ZF	9.59	9.59	4.18	4.42	0.2
CCGT09T304-ZF	9.59	9.59	4.18	4.42	0.4

Professional Grade Precision Solutions

Our technical team can recommend the optimal coating (DLC, TiAlN, etc.) based on your specific material hardness and machine setup.