DCGT-ZL

ZANHO Cutting Tools



Feature

ZANHO **DCGT-ZL series**: High-precision ground **55° rhombic finishing inserts** engineered for exceptional surface quality. Featuring an **ultra-sharp cutting edge** with uniform passivation

(honing), these inserts significantly reduce cutting pressure while enhancing wear and corrosion resistance. Ideal for intricate profiling and fine turning in high-precision CNC applications.

Descriptions

Technical Features

- **Ultra-Sharp Edge:** Optimized rake geometry reduces cutting force and prevents heat build-up.
- **Uniform Passivation:** Precision honing creates a protective layer for enhanced wear and corrosion resistance.
- **Excellent Chip Control:** Wider chipbreaker design facilitates smooth chip evacuation at low depths of cut.
- **High-Precision Ground:** G-class tolerance ground periphery ensures maximum repeatability.
- **Superior Surface Finish:** Delivers optical-grade smoothness in fine finishing operations.

DCGT-ZL Dimensions (mm)

Designation	L	øI.C	S	D1	RE
DCGT0702005-ZL	7.8	6.35	2.38	2.8	0.05
DCGT070201-ZL					0.1
DCGT070202-ZL					0.2
DCGT070204-ZL					0.4
DCGT11T3005-ZL	11.6	9.525	3.97	4.4	0.05
DCGT11T301-ZL					0.1
DCGT11T302-ZL					0.2
DCGT11T304-ZL					0.4