

SPMG-ZK

ZANHO Cutting Tools



SPMG-ZK

— Drilling Inserts —

Feature

ZANHO SPMG-ZK series is a professional **indexable drill insert** designed for high-volume **drilling** in **carbon steel, alloy steel, and cast iron**. Engineered for cost-efficiency, it features a **4-edge**

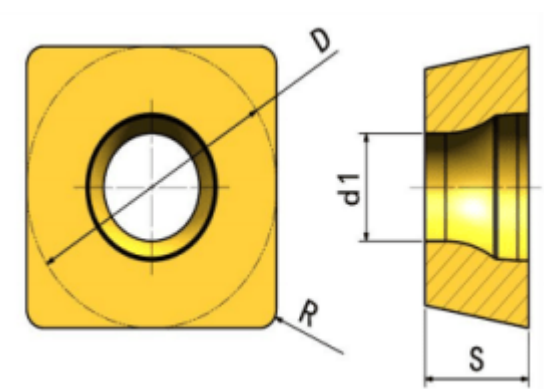
square structure and the specialized **ZK chipbreaker** with triangular rib geometry. It provides superior edge strength and balanced durability, making it an ideal choice for mass-production CNC U-drilling where tool cost and reliability are key priorities.

Descriptions

Key Performance & Features

- **General Machining Specialist:** Optimized for drilling in common carbon steel, alloy steel, and cast iron with exceptional stability.
- **ZK Chipbreaker Geometry:** Features distributed triangular protrusions that effectively segment wide chips into short pieces, reducing the risk of clogging in the hole.
- **Reinforced Edge Design:** Controlled chamfers on the cutting edge provide excellent impact resistance, allowing for stable drilling on forging parts or components with light oxide scales.
- **Economic 4-Edge Logic:** Square geometry with four usable cutting corners maximizes tool utilization and lowers the overall cost-per-hole.
- **High Universal Compatibility:** Precision-manufactured to be compatible with mainstream U-drill bodies currently available on the market.

Dimensional Specifications



Model	D (mm)	d1 (mm)	S (mm)	R (mm)
SPMG050204-ZK	5.0	2.52	2.39	0.4
SPMG060204-ZK	6.0	2.61	2.38	0.4

Model	D (mm)	d1 (mm)	S (mm)	R (mm)
SPMG07T308-ZK	7.94	2.85	3.97	0.8
SPMG090408-ZK	9.8	4.05	4.30	0.8
SPMG110408-ZK	11.5	4.45	4.78	0.8
SPMG140512-ZK	14.3	5.75	5.20	1.2

Ready for Bulk Orders?

ZANHO offers premium CVD/PVD coated grades for optimized drilling performance. Contact us today for competitive B2B wholesale pricing and grade matching recommendations.