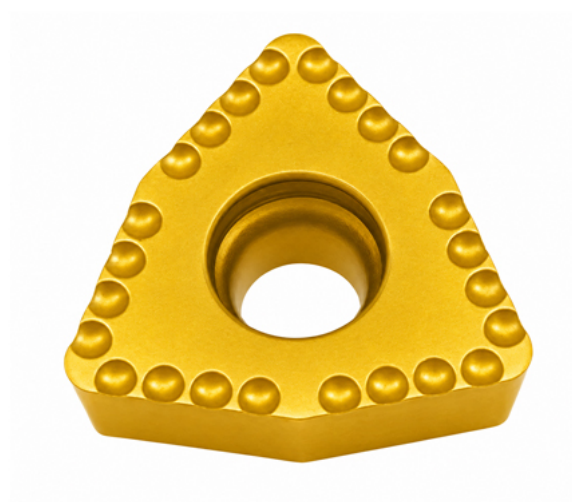


WCMT-PG

Product Images



WCMT-PG

—— Drilling Inserts ——

Summary

ZANHO WCMT-PG series is a high-performance **indexable drill insert** designed for universal drilling in carbon steel and alloy steel. Featuring a unique **array of spherical chipbreaker dots**

on the rake face, it significantly expands the chip-breaking window and improves evacuation of wide chips. With its reinforced negative land edges and 2-edge trigon geometry, it provides excellent reliability when drilling through rough forging surfaces and oxide scales.

Content

Key Performance & Features

- **Universal Drilling Specialist:** Specifically optimized for high-volume production in Carbon Steel, Alloy Steel, and Cast Iron materials.
- **Spherical Dot Array Technology:** The rake face is covered with a dense array of spherical chipbreaking dots that force wide drilling chips to curl and fracture, preventing flute clogging.
- **Reinforced Impact Resistance:** Controlled negative land on the cutting edge enhances toughness, allowing the insert to handle the initial shock of drilling into forging crusts or materials with light oxide scales.
- **Stable Chip Evacuation:** Engineered to provide consistent performance even in deep-hole drilling where chip curling and smooth flow are critical for surface finish and hole accuracy.
- **Economic 2-Corner Logic:** The trigon geometry provides two sharp and robust cutting corners, maximizing tool life and reducing the tool cost-per-hole.

Dimensional Specifications

Model	D (mm)	d1 (mm)	S (mm)	R (mm)
WCMT 030208-PG	5.56	2.85	2.38	0.8
WCMT 040208-PG	6.35	3.05	2.38	0.8
WCMT 050308-PG	7.94	3.3	3.18	0.8
WCMT 06T308-PG	9.52	3.8	3.97	0.8
WCMT 080412-PG	12.7	4.4	4.76	1.2

Seeking Stable High-Volume Drilling?

ZANHO PG chipbreaker is optimized for general engineering steels. Contact our sales team for competitive wholesale pricing and tool body pairing recommendations.