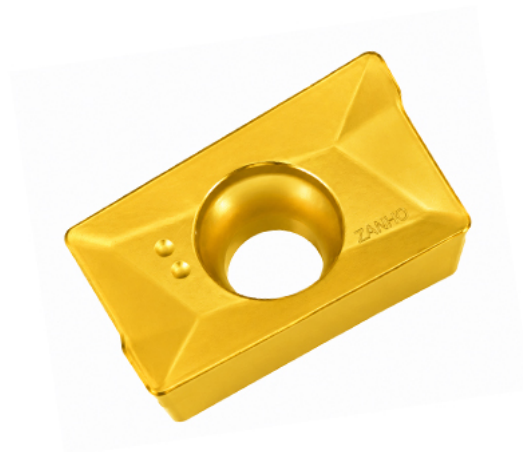


APKT1003PDR-F2

ZANHO Cutting Tools



APKT10-F2

—— Milling Inserts ——

Feature

ZANHO APKT1003PDR-F2 is a high-precision **positive rake** milling insert designed for **90° shoulder milling**. It enables one-pass machining of side walls and bottom surfaces with superior

accuracy. The **F2 chipbreaker** optimizes the rake structure to significantly reduce cutting loads while maintaining robust edge strength, ensuring stable chip breaking and smooth evacuation during high-productivity machining.

Descriptions

Core Performance Features

- **True 90° Shoulder Milling:** Engineered for high-accuracy shoulder milling, achieving side wall and bottom surface molding in a single, efficient pass.
- **F2 Load-Reduction Geometry:** The specialized F2 chipbreaker optimizes the rake structure, lowering cutting resistance and heat while preserving fundamental edge strength.
- **Stable Chip Evacuation:** The refined chipbreaker cavity constrains the chip curling path, facilitating consistent chip breaking and reliable discharge.
- **Light Cutting Action:** Large positive rake design suppresses vibrations, ensuring high surface quality on the workpiece.

Specifications (mm)

Model	Edge Length (L)	Thickness (S)	Hole (d)	Radius (r)
APKT1003PDR-F2	10.00	3.18	2.80	0.8

Efficiency and Precision in Every Pass

ZANHO APKT series is the professional choice for high-volume shoulder milling. Inquire now for technical integration and bulk B2B pricing.