

APKT1003PDTR-M90

ZANHO Cutting Tools



APKT-M90

—— Milling Inserts ——

Feature

ZANHO APKT1003PDTR-M90 is a high-precision **positive rake** milling insert specialized for **90° shoulder milling**. Its optimized M90 geometry ensures low cutting resistance and excellent chip

evacuation while maintaining edge strength. it is the ideal choice for small-diameter shoulder milling applications.

Descriptions

Core Performance Features

- **90° True Shoulder Milling:** Single-sided positive structure achieves perfect 90° shoulders, finishing side walls and bottom surfaces in a single pass.
- **M90 Chipbreaker Geometry:** Curved M90 surface reduces cutting forces and guides smooth chip evacuation, preventing heat buildup.
- **Integrated Wiper Edge:** Features a built-in wiper to deliver exceptional surface roughness on side walls, often eliminating the need for secondary finishing.
- **Reinforced Edge Honing:** Specialized edge treatment provides high impact resistance, making the insert reliable for interrupted milling conditions.
- **Compact Substrate:** Small-scale body designed specifically for small-diameter shoulder milling cutters and space-restricted machining.

Specifications (mm)

Model	I.C (IC)	Thickness (S)	Hole (d)	Radius (r)
APKT1003PDTR-M90	6.35	3.18	2.8	0.8

Precision Finishing for 90° Shoulders

ZANHO APKT series delivers sharp, reliable cutting for high-productivity shoulder milling. Inquire now for technical support and bulk pricing.