# 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.