# APKT1604PDR-76

## ZANHO Cutting Tools




## Feature

ZANHO **APKT1604PDR-76** is a high-performance **positive rake** milling insert engineered for **90° shoulder milling**. The specialized **-76 chipbreaker** provides a perfect balance between cutting

edge strength and reduced load, ensuring stable chip formation and evacuation. With its large positive rake design, it effectively suppresses vibrations and excels in **interrupted cutting** conditions due to its reinforced, honed edges.

# Descriptions

## Core Performance Features

- **True 90° Milling:** Optimized for high-precision shoulder milling, completing side walls and bottom surfaces in a single, efficient pass.
- **Balanced -76 Geometry:** The unique chipbreaker profile maintains structural edge strength while significantly lowering cutting loads for smoother machining.
- **Vibration Suppression:** Large positive rake angle reduces cutting resistance, suppressing chattering and ensuring superior surface finish.
- **Stable Chip Control:** Refined chipbreaker contours constrain chip curling, achieving consistent breaking and rapid evacuation.
- **Impact Durability:** Honed cutting edges enhance resistance to chipping, making it highly reliable for demanding interrupted cutting tasks.

## Specifications (mm)

| Model | Eff. Length | Thickness (S) | Hole (d) | Radius (r) |
|---|---|---|---|---|
| **APKT1604PDR-76** | 16.00 | 4.00 | 4.40 | 0.8 |

**Precision Shoulder Milling at Peak Efficiency**

ZANHO APKT series provides professional tooling solutions for volume machining. Contact us for bulk B2B inquiry and holder compatibility.