

APK-XM

ZANHO Cutting Tools



APKT-XM

Milling Inserts

Feature

ZANHO **APKT-XM series**: High-performance **square shoulder milling inserts** designed for both roughing and semi-finishing applications. Featuring a **reinforced cutting edge** for superior impact

resistance during interrupted cutting and a **multi-stage chipbreaker** for wide-range chip control. The integrated **wiper edge** ensures excellent sidewall surface quality, making it ideal for square shoulder and step face machining in steel and stainless steel.

Descriptions

Technical Advantages

- **Reinforced Edge Structure:** Specifically treated cutting edges provide exceptional resistance to chipping and thermal cracking, ideal for heavy-duty and interrupted cutting.
- **Multi-Stage Chipbreaker:** Optimizes chip curling and evacuation across a wide range of cutting depths and feed rates, bridging the gap between roughing and semi-finishing.
- **Medium Rake Geometry:** Perfectly balances high cutting edge strength with reduced cutting forces for stable machining.
- **Integrated Wiper Edge:** The specialized wiper geometry at the corner ensures superior surface finish on the vertical sidewalls.
- **Versatile Application:** Highly effective for square shoulder milling, step face milling, and profiling in steel, alloy steel, and stainless steel workpieces.

APKT-XM Dimensions (ISO Standard)

Model	Edge Length L (mm)	Thickness S (mm)	Bore D (mm)	Radius R (mm)
APKT1604PDER-XM	17.44mm	5.2mm	4.4mm	0.8mm
APKT1135PDER-XM	11.25mm	3.5mm	2.8mm	0.8mm