APMT1604PDER-FM

ZANHO Cutting Tools



Feature

ZANHO **APMT1604PDER-FM**: Single-sided **90° square shoulder** milling insert optimized for **semi-finishing** and light roughing. Features a high positive rake and curved open chip flute to

deliver exceptional surface quality while preventing chip wrapping at low-to-medium feed rates. Engineered for high-precision side-wall and face milling in steel and cast iron components.

Descriptions

Technical Advantages

- **Semi-Finishing Precision:** Specifically designed to prioritize surface integrity, ensuring industrial-grade smoothness on both vertical side-walls and flat faces.
- **Advanced Curved Flute:** The optimized open-flute geometry resolves the critical issue of chip wrapping at low-to-medium feeds, ensuring a clean and continuous cutting process.
- **Integrated Wiper Edge:** Features a built-in secondary wiper geometry that significantly enhances the polished result of the finished workpiece.
- **Low Cutting Resistance:** High positive rake geometry reduces spindle load and thermal impact, allowing for stable machining even in deep shoulder operations.
- **Durable Micro-Honing:** Micro-honed cutting edges balance sharpness with toughness, enabling reliable performance against light scale and interrupted cuts.

Technical Specifications (mm)

Model Type	Length (L)	Width (W)	Thickness (S)	Radius (Re)	Edge (LE)	Hole (D1)	M
APMT1604PDER-FM	16.40	9.33	5.26	0.80	13.00	4.50	1

Refined Quality for Heavy Semi-Finishing

ZANHO APMT-FM series delivers high-efficiency results for industrial CNC machining. Contact us for bulk B2B inquiry and wholesale pricing.