3PKT-ML

ZANHO Cutting Tools



Feature

ZANHO **3PKT-ML** series features flat-mounted, **positive 3-edge** milling inserts specifically engineered for high-precision **90° shoulder and face milling**. Designed with a large positive rake

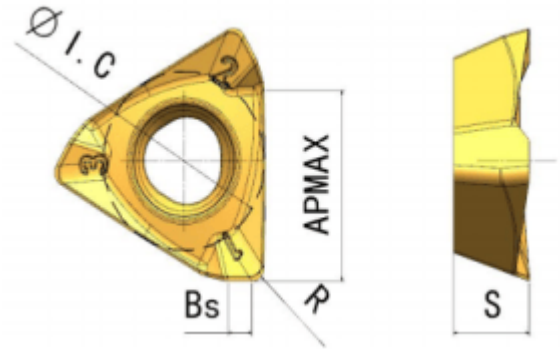
and sharp helical cutting edge, it effectively reduces cutting resistance and spindle load. Optimized for **stainless steel and high-temperature alloys**, the ML chipbreaker ensures stable chip fragmentation and superior surface quality in light-to-medium machining environments.

Descriptions

Key Technical Advantages

- **3 Precision Cutting Edges:** The triangular positive design offers three high-utilization cutting edges, delivering excellent economic value for shoulder milling operations.
- **Sharp Helical Edge Geometry:** Features a high positive rake that lowers axial and radial cutting forces, ideal for high-speed, light-cutting applications.
- **Stainless Steel & Alloy Specialist:** Specifically optimized for gummy and difficult-to-machine materials, preventing chip re-cutting and built-up edge (BUE).
- **Perfect 90° Shoulders:** Engineered to provide exceptional squareness and surface finish on vertical shoulders, reducing the need for secondary finishing.
- **Low Spindle Load:** The sharp cutting action significantly reduces power consumption and heat generation, extending both tool and machine life.

Dimensional Specifications (mm)



Model	I.C (mm)	S (mm)	APMAX (mm)	Bs (mm)	R (mm)
3PKT 100404R-ML	6.9	4.0	7.0	2.0	0.4
3PKT 100408R-ML	6.9	4.0	7.0	1.1	0.8
3PKT 150508R-ML	10.7	5.0	11.0	1.6	0.8

Precision Milling in Tough Materials?

ZANHO 3PKT-ML inserts provide sharp and stable cutting for your high-performance milling needs. Contact us for wholesale B2B pricing and technical grade recommendations.