APMT-KZ

ZANHO Cutting Tools



Feature

ZANHO **APMT-KZ series**: Single-sided **90° square shoulder** milling insert specifically optimized for **Stainless Steel** machining. Compatible with industry-standard **BAP300R and BAP400R** tool

holders. The KZ chipbreaker provides superior heat dissipation and chip evacuation, making it ideal for light roughing and semi-finishing in stainless, carbon, and alloy steels.

Descriptions

Technical Advantages

- **Stainless Steel Optimization:** The KZ chipbreaker is specifically engineered to handle the adhesion and work-hardening characteristics of austenitic and duplex stainless steels.
- **Universal Compatibility:** Precisely fits standard BAP300R (for 1135) and BAP400R (for 1604) square shoulder milling cutters.
- **90° Vertical Accuracy:** Advanced geometry ensures high dimensional precision in square shoulder, step, and face milling operations.
- **Stable Heat Control:** Optimized rake angle reduces cutting friction and thermal build-up, significantly extending tool life in sticky materials.
- **Versatile Grade:** While optimized for Stainless Steel, it delivers excellent performance in Carbon Steel, Alloy Steel, and Cast Iron.

Technical Specifications (mm)

Model Type	Length (L)	Width (W)	Thickness (S)	Hole (D1)	Radius (Re)	Max APMX
APMT1135PDER-KZ	9.80	6.24	3.50	2.80	0.80	9.5
APMT1604PDER-KZ	16.40	9.33	5.26	4.50	0.80	13.0

Specialized Performance for Stainless Steel

ZANHO APMT-KZ series delivers precision and reliability for difficult-to-machine materials. Contact us for bulk B2B inquiry and distribution.