APMT-M2

ZANHO Cutting Tools



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Milling Inserts

Feature

ZANHO **APMT-M2 series**: Single-sided **90° square shoulder** milling insert with reinforced M2 chipbreaker. Engineered for medium-to-large feed rates, balancing chip evacuation space with high

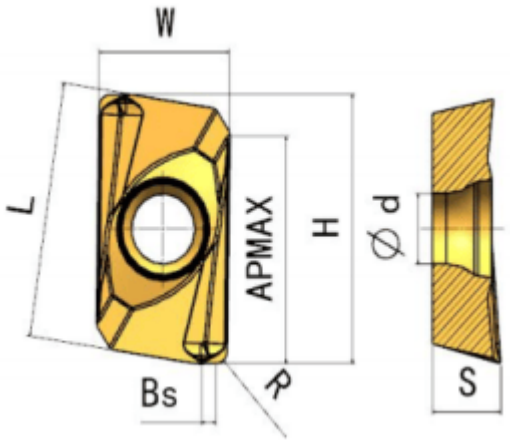
edge strength. Ideal for **heavy roughing**, cavity opening, and ramping in materials with hard oxide skin or scale.

Descriptions

Technical Advantages

- **Reinforced M2 Chipbreaker:** Specifically developed for medium-to-heavy roughing with high feed-per-tooth, ensuring maximum edge toughness against impact.
- **90° Square Shoulder:** Optimized geometry for precision vertical wall milling, step milling, and high-efficiency face roughing.
- **Positive Rake Design:** Balanced rake angle reduces cutting resistance while maintaining a robust cross-section for stable material removal.
- **Scale & Oxide Capability:** Honed cutting edges provide superior durability when machining forgings and castings with hard external scale.
- **Integrated Wiper (BS):** Precision wiper edge delivers improved surface quality in face milling operations, reducing post-processing needs.

Technical Specifications (mm)



Model Type	Length (L)	Width (W)	APMAX	Radius (R)	Thickness (S)	Wiper (Bs)	Ho
APMT 1135PDER-M2	10.82	6.23	9.5	0.8	3.50	0.8	2.8
APMT 1604PDER-M2	16.30	9.21	14.0	0.8	4.76	1.4	4.4

Superior Durability for High-Load Milling

ZANHO APMT-M2 series delivers industrial strength for high-efficiency CNC operations. Contact us for bulk B2B inquiry and wholesale pricing.