APMT-DL

ZANHO Cutting Tools



Feature

ZANHO **APMT-DL series**: Single-sided **90° square shoulder** milling insert featuring the DL general-purpose chipbreaker. Engineered with a **positive rake** and open chip flute, it balances

edge strength with light cutting action. Ideal for **roughing and semi-finishing** in face, step, and cavity operations, even through hard oxide skin and scale.

Descriptions

Technical Advantages

- **90° Square Shoulder:** Optimized geometry for precise vertical wall milling, step milling, and high-efficiency face roughing.
- **DL Chipbreaker:** Open, large-volume flute design ensures stable chip curling and reliable evacuation during medium-to-large depth milling.
- **Positive Rake Design:** High-performance positive rake reduces cutting resistance, protecting the machine spindle and suppressing vibration.
- **Edge Toughness:** Honed cutting edges provide superior durability against impact and hard oxide skin during interrupted cuts.
- **Universal Material Range:** Reliably processes Carbon Steel, Alloy Steel, Mold Steel, Cast Iron, and specific Stainless Steel grades.

Technical Specifications (mm)

Model Type	Length (L)	Width (W)	APMAX	Radius (R)	Thickness (S)	Wiper (Bs)	Hol
APMT 1135PDER-DL	11.27	6.24	9.5	0.8	3.5	1.0	2.8
APMT 1604PDER-DL	17.35	9.33	14.8	-	5.26	1.4	4.4(

Reliable Versatility for High-Efficiency Roughing

ZANHO APMT-DL series provides balanced performance for CNC machining. Contact us for bulk inquiry and holder compatibility.