APMT-54

ZANHO Cutting Tools



Feature

ZANHO **APMT-54 series**: Upgraded **90° square shoulder** milling insert. Featuring **diagonal segmented chip-breaking ribs**, it resolves chip wrapping and instability issues common in

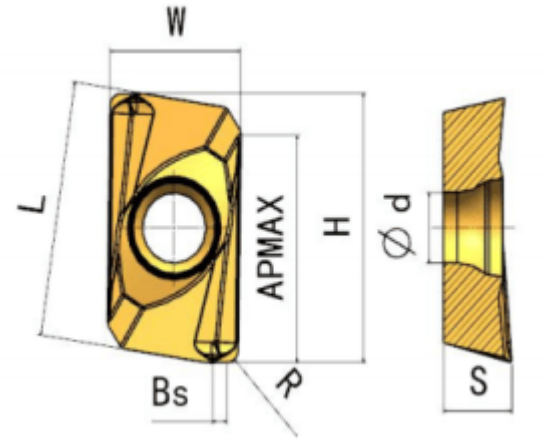
medium feed operations. Retaining a large-volume flute for non-clogging evacuation, it is the optimized choice for **steel roughing**, face milling, and cavity operations under both continuous and interrupted conditions.

Descriptions

Technical Advantages

- **Advanced 54 Chipbreaker:** An evolutionary upgrade of the DL series, specifically engineered to eliminate chip wrapping and instability during medium feed milling.
- **Diagonal Segmented Ribs:** Multiple sets of diagonal ribs guide and force chip curling, significantly broadening the stable chip-breaking feed window.
- **Open Large-Volume Flute:** Retains the superior evacuation capability of the DL design, preventing chip accumulation during heavy-duty material removal.
- **Integrated Wiper (BS):** Precision BS wiper edge ensures enhanced surface finishes in face milling, reducing secondary finishing requirements.
- **Edge Toughness:** Honed cutting edges with high positive rake provide a balanced combination of low cutting resistance and durability against oxide scale.

Technical Specifications (mm)



Model Type	Length (L)	Width (W)	APMAX	Radius (R)	Thickness (S)	Wiper (Bs)	Hol
APMT 1135PDER-54	10.90	6.25	9.5	0.8	3.5	1.0	2.8
APMT 1604PDER-54	16.45	9.31	14.8	-	5.26	1.4	4.46

Enhanced Chip Control for Stable Machining

ZANHO APMT-54 series provides a reliable upgrade for high-efficiency steel milling. Contact us for bulk inquiry and holder compatibility.