VNMG-HA

ZANHO Cutting Tools



Feature

ZANHO **VNMG1604-HA series**: High-precision **35° rhombic inserts** optimized for aluminum and non-ferrous metal machining. Featuring a **large positive rake angle** and a **buffed mirror-**

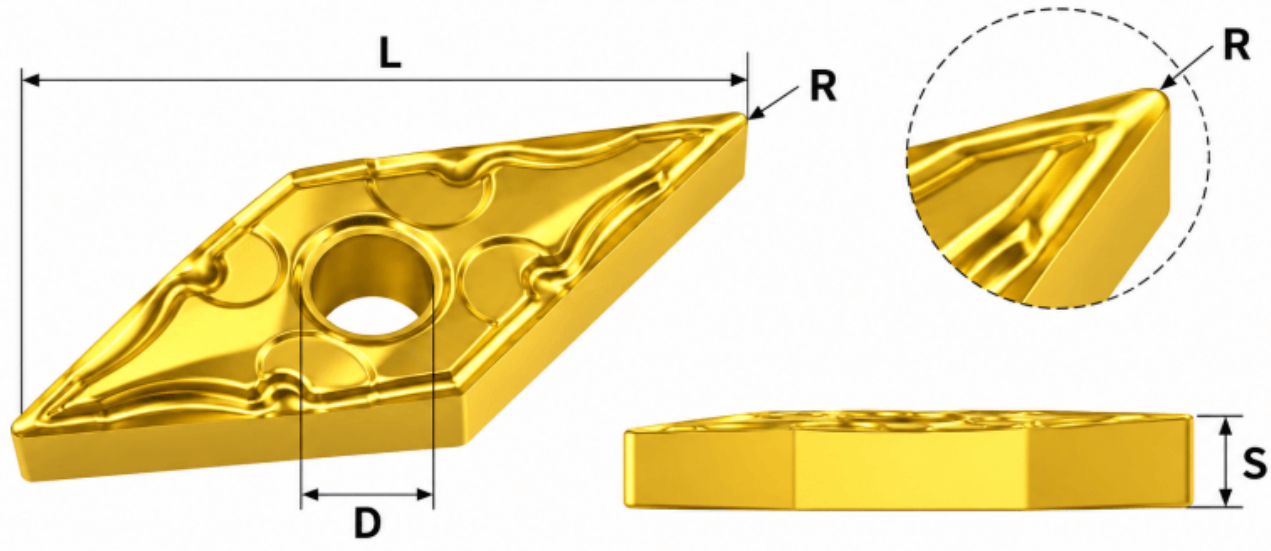
polished rake face, these inserts excel in complex profiling and high-speed turning. The HA chipbreaker ensures smooth chip evacuation and prevents built-up edge (BUE), delivering superior surface finishes on all non-ferrous workpieces.

Descriptions

Technical Advantages

- **Mirror-Polished Rake Face:** Reduces cutting friction and effectively prevents chip adhesion and built-up edge (BUE).
- **Large Positive Rake Geometry:** Ensures light cutting action and minimizes vibration during precision operations.
- **Wave-Style Chipbreaker:** Open design provides ample space for stable chip evacuation even at high feed rates.
- **High Profiling Capability:** The 35° rhombic shape is ideal for complex profiling, tapering, and narrow contour machining.
- **Sharp Cutting Edge:** Guarantees excellent workpiece surface quality and dimensional accuracy.

VNMG1604-HA Dimensions (ISO Standard)



L	S	D	R
Cutting edge length	Insert thickness	Hole diameter	Nose radius

Model	Edge Length L (mm)	Thickness S (mm)	Bore D (mm)	Radius R (mm)
VNMG160402-HA	16.5	4.76	5.16	0.2
VNMG160404-HA	16.5	4.76	5.16	0.4
VNMG160408-HA	16.5	4.76	5.16	0.8