VNMG-43

ZANHO Cutting Tools



Feature

ZANHO VNMG1604-43 series is a robust **35° rhombic negative turning insert** specifically designed for **Semi-finishing and Medium Machining**. Featuring the versatile **43 chipbreaker**, it

offers excellent chip control across a wide range of cutting conditions, ensuring stable performance and high efficiency in general steel turning.

Descriptions

Key Performance & Features

- **Medium Machining Specialist:** Optimized for semi-finishing to medium machining operations, providing a perfect balance between chip breaking and edge durability.
- **43 Chipbreaker Geometry:** A highly versatile geometry that ensures smooth chip evacuation even at fluctuating cutting depths and feed rates.
- **Rhombic Stability:** The VNMG 35-degree rhombic design provides excellent clearance for complex profiling and intricate turning tasks.
- **Stable Performance:** Enhanced edge toughness allows for stable machining in both continuous and slightly interrupted cuts, maintaining consistent quality.

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
VNMG160404-43	0.4 mm	0.12 - 0.52	0.7 - 4.8 mm
VNMG160408-43	0.8 mm	0.07 - 0.30	0.5 - 2.0 mm
VNMG160412-43	1.2 mm	0.15 - 0.50	1.2 - 5.0 mm

Need Help Selecting the Right Grade?

Our sales team can recommend the optimal grade based on your workpiece material and machining conditions.

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Thank you for your response. ?

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