VNMG-ZMS

ZANHO Cutting Tools



Feature

ZANHO VNMG1604-ZMS is a high-performance **35° rhombic negative turning insert** specifically engineered for **Semi-finishing Stainless Steel**. Featuring a specialized **MS chipbreaker**, it provides exceptional chip control and reduces heat buildup during machining, making it ideal for stable profiling and general turning of heat-resistant alloys and various stainless steel grades.

Descriptions

Key Performance & Features

- **Stainless Steel Specialist:** Optimized for semi-finishing of sticky materials, effectively preventing built-up edge and surface hardening.
- **MS Chipbreaker Geometry:** Engineered with a sharp cutting edge and positive rake angle to ensure excellent chip breaking and low cutting forces in Stainless Steel (M-group) machining.
- **Rhombic Clearance:** The 35-degree VNMG rhombic design offers outstanding clearance for complex profiling, internal boring, and multi-directional turning.

- **Excellent Surface Finish:** Precision-ground design minimizes vibration and work hardening, ensuring high dimensional accuracy and superior surface integrity.

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
VNMG160402-ZMS	0.2 mm	0.05 - 0.20 mm/r	0.3 - 2.5 mm
VNMG160404-ZMS	0.4 mm	0.08 - 0.30 mm/r	0.5 - 3.0 mm

Need Help Selecting the Right Grade?

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

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Thank you for your response. ?

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