

TNMG-43

Product Images



43

—— Chip-breaker ——

Summary

ZANHO TNMG1604-43 is a professional **triangular negative turning insert** specifically designed for **Semi-finishing**. Featuring the versatile **43 chipbreaker**, it provides an excellent balance

between cutting efficiency and surface quality, ensuring stable chip evacuation in both steel and stainless steel applications.

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Key Performance & Features

- **Semi-finishing Specialist:** Engineered to provide a perfect balance between metal removal rate and surface finish.
- **43 Chipbreaker:** A highly versatile geometry that ensures smooth chip breaking across a wide range of feed rates (0.12 - 0.52 mm/rev).
- **Triangular Stability:** Negative triangular geometry offers high edge strength and 6 available cutting edges for maximum cost-efficiency.
- **Wide Machining Range:** Stable performance at cutting depths (ap) up to 4.8mm, suitable for various profiling and turning tasks.

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
TNMG160404-43	0.4 mm	0.12 - 0.52	0.7 - 4.5 mm
TNMG160408-43	0.8 mm	0.12 - 0.52	0.7 - 4.8 mm
TNMG160412-43	1.2 mm	0.12 - 0.52	0.7 - 4.8 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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