

WNMG-43

Product Images



43

—— Chip-breaker ——

Summary

ZANHO WNMG0804-43 is a robust **80° trigon negative turning insert** engineered for **Semi-finishing and Medium Machining**. Featuring the versatile **43 chipbreaker**, it offers excellent chip

control across a wide range of cutting depths (0.7-4.8mm), ensuring stable performance and high efficiency in general steel and cast iron turning.

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Key Performance & Features

- **Medium Machining Expert:** Designed for semi-finishing to medium roughing applications, providing a perfect balance between cutting speed and edge durability.
- **43 Chipbreaker:** A highly versatile geometry that ensures smooth chip evacuation even at fluctuating cutting depths and varying feed rates.
- **Six Cutting Edges:** The WNMG negative geometry utilizes a trigon shape to provide 6 effective cutting edges, maximizing tool life and lowering cost-per-part.
- **Strong Edge Design:** Enhanced edge strength prevents chipping during interrupted cuts, making it suitable for both continuous and slightly unstable machining environments.

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
WNMG080404-43	0.4 mm	0.12 - 0.52	0.7 - 4.8 mm
WNMG080408-43	0.8 mm	0.12 - 0.52	0.7 - 4.8 mm
WNMG080412-43	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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