

WNMG-BF

Product Images



BF

—— Chip-breaker ——

Summary

ZANHO WNMG0604/0804-BF series is a professional **80° trigon negative turning insert** specifically designed for **Medium Machining**. Featuring the specialized **BF chipbreaker**, it delivers

stable cutting performance and excellent chip evacuation across a wide range of feed rates, making it ideal for high-efficiency turning of steel and alloy steel.

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Key Performance & Features

- **Medium Machining Excellence:** Engineered for semi-roughing to medium machining operations, providing a perfect balance between chip control and tool durability.
- **BF Chipbreaker Geometry:** Optimized for stable chip breaking at varying feed rates, effectively reducing cutting resistance and preventing chip buildup.
- **Six Cutting Edges:** The negative WNMG geometry utilizes its trigon shape to provide 6 robust cutting edges, maximizing cost-efficiency and performance per insert.
- **Versatile Performance:** Outstanding stability in both continuous and slightly interrupted cuts, suitable for high-speed turning of Carbon Steel and Alloy Steel.

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
WNMG060404-BF	0.4 mm	0.15 - 0.55	0.8 - 3.0 mm
WNMG060408-BF	0.8 mm	0.15 - 0.55	0.8 - 3.0 mm
WNMG080404-BF	0.4 mm	0.15 - 0.40	1.0 - 4.0 mm
WNMG080408-BF	0.8 mm	0.20 - 0.40	1.0 - 3.5 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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