

WNMG-R/L

Product Images



R/L

—— Chip-breaker ——

Summary

ZANHO WNMG0804-S is a professional **80° trigon negative turning insert** specifically designed for **Medium Machining**. Available in both **Left-hand (L)** and **Right-hand (R)** orientations, it

features a specialized **S chipbreaker** that delivers exceptional chip control and stable cutting performance, making it ideal for high-efficiency turning of steel and alloy components.

Content

Key Performance & Features

- **Medium Machining Excellence:** Optimized for semi-roughing to medium machining operations, providing a perfect balance between chip breaking and edge durability.
- **S Chipbreaker Technology:** Engineered for stable chip evacuation across a wide feed range, effectively reducing cutting resistance and heat buildup.
- **L/R Directional Options:** Specifically available in Left and Right-hand geometries to match diverse tool holders and complex machining paths.
- **Trigon Stability:** The WNMG negative design utilizes 6 robust cutting edges, maximizing cost-efficiency while ensuring superior strength during continuous or slightly interrupted cuts.

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
WNMG080404L-S	0.4 mm	0.15 - 0.30	0.8 - 3.0 mm
WNMG080404R-S	0.4 mm	0.15 - 0.30	0.8 - 3.0 mm
WNMG080408L-S	0.8 mm	0.20 - 0.40	1.0 - 3.5 mm
WNMG080408R-S	0.8 mm	0.20 - 0.40	1.0 - 3.5 mm
WNMG080412L-S	1.2 mm	0.20 - 0.40	1.0 - 3.5 mm
WNMG080412R-S	1.2 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.

[? Back](#)

Thank you for your response. ?

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