

TNMG-VF

Product Images



VF

—— Chip-breaker ——

Summary

ZANHO TNMG1604-VF is a high-performance **triangular negative turning insert** specifically engineered for **Medium Machining**. Featuring the specialized **VF chipbreaker** and available in

both **Right-hand (R)** and **Left-hand (L)** orientations, it delivers exceptional chip control and stable edge strength for complex profiling in steel and stainless steel.

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Key Performance & Features

- **VF Chipbreaker:** Specifically designed for medium machining and profiling, offering superior chip breaking control even in varying cutting directions.
- **R/L Orientation:** Available in dedicated Right-hand and Left-hand geometries to match specific CNC tool holders and complex profiling paths.
- **High Edge Durability:** The negative triangular design with 6 cutting edges ensures maximum cost-efficiency and high stability during high-production turning.
- **Stable Metal Removal:** Optimized for stable performance at cutting depths (ap) up to 3.5mm, effectively reducing heat buildup and tool wear.

Technical Specifications

Model	Hand	Feed (fn)	Cut Depth (ap)
TNMG160404L-VF	Left (L)	0.10 - 0.30	0.7 - 3.5 mm
TNMG160404R-VF	Right (R)	0.10 - 0.30	0.7 - 3.5 mm
TNMG160408R-VF	Right (R)	0.12 - 0.35	1.0 - 3.5 mm
TNMG160408L-VF	Left (L)	0.12 - 0.35	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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