

TNMG-PC

Product Images



PC

—— Chip-breaker ——

Summary

ZANHO TNMG1604-PC is a high-performance **triangular negative turning insert** specifically engineered for **Medium Machining**. Featuring the specialized **PC chipbreaker**, it delivers stable

chip evacuation and high edge durability, ensuring reliable performance in both steel and stainless steel applications.

Content

Key Performance & Features

- **PC Chipbreaker:** Specifically designed for **Medium Machining**, offering exceptional chip breaking control and reducing cutting resistance across various feed rates.
- **Stable Geometry:** The negative triangular geometry provides 6 robust cutting edges, ensuring maximum cost-efficiency and high edge strength for reliable turning.
- **High Efficiency:** Optimized for stable performance at cutting depths (ap) up to 4.5mm, significantly improving metal removal productivity.
- **Universal Application:** Delivers consistent results in **Steel (P)** and **Stainless Steel (M)** machining with extended tool life and heat resistance.

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
TNMG160404-PC	0.4 mm	0.15 - 0.40	1.0 - 3.5 mm
TNMG160408-PC	0.8 mm	0.15 - 0.50	0.5 - 4.5 mm
TNMG160412-PC	1.2 mm	0.15 - 0.50	0.5 - 4.5 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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