

TNMG-YM

Product Images



YM

—— Chip-breaker ——

Summary

ZANHO TNMG1604-YM is a professional **triangular negative turning insert** specifically engineered for **Medium Machining**. Featuring the optimized **YM chipbreaker** (modified from MM),

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

Content

Key Performance & Features

- **YM Chipbreaker:** Specifically designed for **Medium Machining**, balancing cutting sharpness with high edge stability to prevent chipping in tough materials.
- **Stable Chip Evacuation:** Features an optimized geometry that ensures consistent chip control across varying depths of cut, reducing heat buildup.
- **High Precision Geometry:** The negative triangular design provides multiple cutting edges, delivering exceptional cost-efficiency for professional CNC turning.
- **Enhanced Durability:** Advanced sub-micron carbide substrate with heat-resistant coating for extended tool life in Steel (P) and Stainless Steel (M).

Technical Specifications

Model	Radius (re)	Feed (fn)	Cut Depth (ap)
TNMG160402-YM	0.2 mm	0.10 - 0.30	0.8 - 3.5 mm
TNMG160404-YM	0.4 mm	0.10 - 0.30	0.8 - 3.5 mm
TNMG160408-YM	0.8 mm	0.12 - 0.35	1.0 - 3.5 mm
TNMG160412-YM	1.2 mm	0.15 - 0.35	1.5 - 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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