# TNMG-R/L

## ZANHO Cutting Tools




## Feature

ZANHO TNMG1604-S is a professional **triangular negative turning insert** specifically engineered for **Medium Machining**. Featuring the specialized **S chipbreaker** (modified from FS), it delivers

excellent chip control and edge stability. Available in both **Right-hand (R)** and **Left-hand (L)** orientations to meet diverse CNC profiling requirements.

# Descriptions

## Key Performance & Features

- **S Chipbreaker (Medium Machining):** Optimized for stable chip evacuation at medium feed rates, preventing surface damage and ensuring process reliability.
- **R/L Orientation:** Specifically designed for profiling operations with dedicated Right-hand and Left-hand geometries for precise cutting paths.
- **Negative Triangular Geometry:** Provides high edge strength and multiple cutting edges, offering exceptional cost-efficiency in high-production turning.
- **Balanced Cutting Force:** The S profile ensures smooth cutting action even in materials prone to work hardening like stainless steel.

## Technical Specifications

| Model | Hand | Feed (fn) | Cut Depth (ap) |
|---|---|---|---|
| TNMG160404L-S | Left (L) | 0.15 - 0.30 | 0.8 - 3.0 mm |
| TNMG160404R-S | Right (R) | 0.15 - 0.30 | 0.8 - 3.0 mm |
| TNMG160408L-S | Left (L) | 0.20 - 0.40 | 1.0 - 3.5 mm |
| TNMG160408R-S | Right (R) | 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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