

SNMG-RT

Product Images



RT

—— Chip-breaker ——

Summary

ZANHO SNMG-RT series is a robust **square negative turning insert** specifically designed for **Rough Machining**. Featuring the specialized **RT chipbreaker**, it offers high edge strength and

stable chip control at large feed rates and significant depths of cut. It is the ideal solution for heavy-duty turning of steel and alloy steel components, ensuring maximum productivity in demanding CNC operations.

Content

Key Performance & Features

- **Rough Machining Specialist:** Optimized for high-volume metal removal, ensuring durability and efficiency in heavy-duty roughing applications.
- **RT Chipbreaker Geometry:** Designed for superior chip control and edge stability at high feed rates (up to 0.75 mm/r), preventing chip nesting.
- **High Edge Strength:** The negative square design provides a thick, robust cutting edge capable of handling large depths of cut (ap up to 9.0mm).
- **Consistent Reliability:** Maintains excellent performance and thermal stability during long-running heavy turning cycles in carbon and alloy steels.

Technical Specifications

Model	Feed (f)	Cut Depth (ap)
SNMG190612-RT	0.30 - 0.70 mm/r	3.0 - 7.0 mm
SNMG190616-RT	0.30 - 0.75 mm/r	3.0 - 9.0 mm

Facing Heavy Metal Removal Challenges?

ZANHO provides specialized CVD coated grades for maximum wear resistance in roughing. Contact us to optimize your tooling parameters.