SNMG-GZ

ZANHO Cutting Tools



Feature

ZANHO SNMM-GZ series is a heavy-duty **square negative turning insert** specifically engineered for **Rough Machining**. Featuring a reinforced **GZ chipbreaker**, it is capable of handling extreme

cutting depths up to 15mm and high feed rates. Built for high-volume metal removal, it provides maximum edge strength and thermal stability for heavy-duty turning in carbon steel and alloy steel components.

Descriptions

Key Performance & Features

- **Heavy Roughing Specialist:** Engineered for high-load machining, capable of massive metal removal rates in heavy-duty CNC turning.
- **Reinforced GZ Chipbreaker:** A high-strength geometry designed to handle deep cuts (ap up to 15mm) and heavy feeds without edge chipping.
- **Maximum Edge Durability:** The thick, negative square cross-section provides the ultimate structural support required for heavy cutting forces and interrupted cuts.
- **High Productivity:** Supports feed rates up to 1.00 mm/r, significantly reducing cycle times in large-scale manufacturing and forging machining.

Technical Specifications

Model	Feed (f)	Cut Depth (ap)
SNMM150612-GZ	0.30 - 1.00 mm/r	5.0 - 15.0 mm
SNMM190612-GZ	0.30 - 0.75 mm/r	3.0 - 9.0 mm
SNMM190616-GZ	0.40 - 0.90 mm/r	3.0 - 9.0 mm

Facing Difficult Heavy-Duty Tasks?

ZANHO specialized roughing grades are designed for high heat resistance and edge toughness. Inquire for the optimal coating recommendations for your material.