

SNMG-S

Summary

ZANHO SNMG-S series is a high-versatility **square negative turning insert** designed for **Medium Machining**. Featuring the specialized **S chipbreaker**, it provides exceptional stability and precise chip control across both left-hand (L) and right-hand (R) cutting directions. Ideal for consistent performance in medium roughing and general CNC turning of carbon and alloy steels.

Content

Key Performance & Features

- **Medium Machining Expert:** Optimized for semi-roughing applications, ensuring high reliability in general CNC turning cycles.
- **S Chipbreaker Geometry:** Enhanced chip-breaking structure ensures smooth evacuation and prevents surface marring in high-volume production.
- **L/R Directional Versatility:** Available in both Left-hand and Right-hand versions to accommodate diverse tool holder requirements and machining paths.
- **Robust Negative Design:** The thick square cross-section provides maximum edge strength and four cutting corners for cost-effective operation.

Technical Specifications

Model (L/R)	Feed (f)	Cut Depth (ap)
SNMG120404 L/R-S	0.15 - 0.30 mm/r	0.8 - 3.0 mm
SNMG120408 L/R-S	0.20 - 0.40 mm/r	1.0 - 3.5 mm
SNMG120412 L/R-S	0.20 - 0.40 mm/r	1.0 - 3.5 mm
SNMG150612 L/R-S	0.30 - 0.65 mm/r	2.0 - 7.0 mm

Need a Specific Tool Direction?

ZANHO provides a complete range of Left-hand and Right-hand turning solutions. Contact us to verify compatibility with your existing tool holders.