

LNGU-PR

ZANHO Cutting Tools



LNGU-PR

—— Milling Inserts ——

Feature

ZANHO LNGU series: High-precision **double-sided 4-edge** negative inserts for **90° shoulder milling**. Optimized PR geometry balances cutting edge toughness with light shearing action.

Engineered for **roughing and semi-finishing** in mold and general engineering across steel, alloy, and cast iron materials.

Descriptions

Technical Features

- **True 90° Square Shoulder:** Optimized for precise vertical shoulder milling and face milling with high dimensional accuracy.
- **4-Edge Double-Sided Economy:** Negative insert design provides 4 effective cutting corners, maximizing indexing efficiency and reducing tool cost.
- **PR Performance Geometry:** Refined chipbreaker balances edge impact resistance with light cutting action, ensuring stability in light interrupted cuts.
- **Enhanced Process Security:** Robust substrate design suppresses chattering during heavy roughing to semi-finishing passes.
- **Multi-Material Versatility:** High performance on Carbon Steel, Alloy Steel, Die Steel, and Cast Iron components.

Technical Specifications (mm)

Model Type	Length (L1)	Thickness (S)	Width (W)	Wiper (BS)	Radius (Re)
LNGU110408SRGE-PR	12.16	4.83	6.60	1.00	0.8
LNGU15T608SRGE-PR	17.01	6.96	10.00	1.80	0.8

Stable Precision for 90-Degree Shoulders

ZANHO LNGU series provides industrial reliability for demanding mold components. Contact us for bulk B2B inquiry and tool grade support.