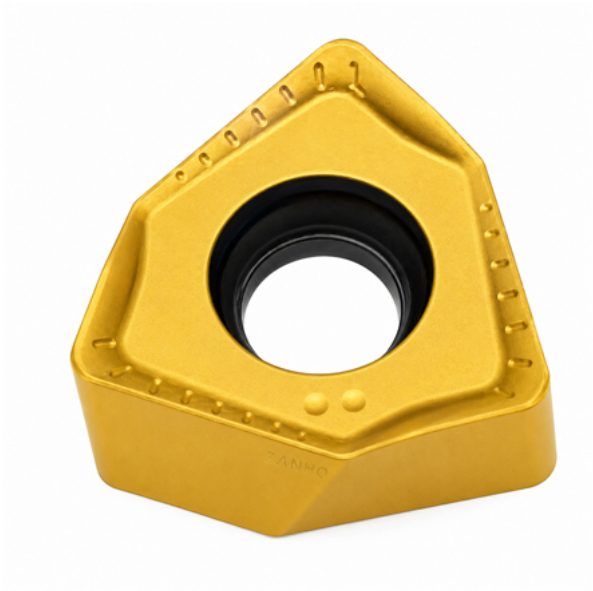
6NGU090508R-M

ZANHO Cutting Tools



Feature

ZANHO **6NGU090508R-M** is a high-efficiency **90° square shoulder** insert featuring a **double-sided 6-edge** structure. Designed for universal roughing to semi-finishing, it balances edge

strength with smooth helical cutting at a **9.2mm max depth**. It delivers stable performance across face, step, and ramping operations with maximum economic value.

Descriptions

Key Technical Advantages

- **Double-Sided 6-Edge Economy:** Utilizes six precision-ground cutting corners per insert, significantly increasing tool life and lowering the total tool cost-per-edge for industrial users.
- **Positive Helical Geometry:** Engineered with a sharp positive rake and helical edge to ensure smooth shearing action and moderate machine load, facilitating stable processing on standard CNC equipment.
- **True 90° Shoulder Precision:** Optimized for square shoulder and step milling, delivering excellent verticality and consistent dimensional accuracy in a wide range of materials.
- **Large Metal Removal (Max 9.2mm Ap):** Robust edge structure supports aggressive depths of cut up to 9.2mm, making it ideal for efficient roughing to semi-finishing tasks.
- **Reinforced Edge Security:** Specialized edge treatment provides reliable resistance against interrupted cutting and mechanical shock, ensuring process stability.

Insert Dimensional Specifications (mm)

Model	IC (Diameter)	S (Thickness)	RE (Radius)	BS (Wiper)	APMX (Max Depth)	I
6NGU 090508R-M	13.05	6.70	0.8	2.00	9.20	6

Maximize Economy in 90° Shoulder Milling

ZANHO 6NGU series provides the ultimate stability and cost-efficiency for industrial production. Contact us for bulk B2B pricing and technical grade guides.