

MGGN-L/R08

ZANHO Cutting Tools



R



L



MGGN-L/R08

Grooving Inserts

Feature

ZANHO MGGN-L/R08 series: High-precision **double-headed parting and grooving inserts** featuring an integrated **8° side relief angle**. Specifically engineered to avoid side wall interference

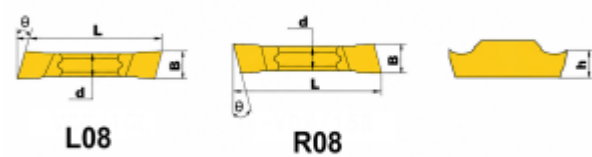
during external grooving and parting-off, these inserts maximize efficiency with two effective cutting edges. The specialized rake geometry ensures mandatory chip curling and stable performance, making them the perfect choice for complex external CNC machining.

Descriptions

Technical Advantages

- **8° Side Relief Angle:** Specifically designed to provide clearance and avoid friction or interference with the workpiece side wall, ensuring high surface quality in deep grooves.
- **Double-Edged Efficiency:** The double-headed structure doubles the tool utilization—simply flip the insert to use the second fresh cutting edge once the first is worn.
- **Stable Chip Evacuation:** Advanced front rake chipbreaker geometry forces chips to curl tightly, significantly reducing the risk of chip wrapping and bird-nesting.
- **Honed Edge Treatment:** Passivated cutting edges enhance resistance to micro-chipping and wear, providing stable performance under medium-duty external loads.
- **Secure Clamping:** Standard press-plate clamping design ensures high repeatability and rigid positioning during high-speed CNC operations.

MGGN-L/R08 Detailed Specifications (mm)



Designation (Right)	Designation (Left)	L (Length)	B (Width)	d
MGGN150-R08	MGGN150-L08	16	1.5	1.2
MGGN200-R08	MGGN200-L08	16	2.0	1.6
MGGN250-R08	MGGN250-L08	18.5	2.5	2.0
MGGN300-R08	MGGN300-L08	21	3.0	2.35

Designation (Right)	Designation (Left)	L (Length)	B (Width)	d
MGGN400-R08	MGGN400-L08	21	4.0	3.3

Precision Interference-Free External Grooving Solutions

ZANHO MGGN-L/R08 series ensures clearance in tight side-wall conditions. Contact us for bulk B2B inquiry.