

MGMN-J

ZANHO Cutting Tools



MGMN-J

—— carbide Inserts ——

Feature

ZANHO **MGMN-J series**: Double-sided **flat head inserts** engineered for **low-rigidity conditions** and thin-walled components. Featuring the **J-type low-resistance chipbreaker**, these inserts

provide light cutting action and stable chip curling, minimizing vibration in small-diameter parting and external grooving tasks.

Descriptions

Technical Advantages

- **J-Type Low-Resistance:** Specifically designed to minimize cutting forces, making it ideal for weak machine rigidity or machining thin-walled workpieces.
- **Vibration Suppression:** Light cutting geometry effectively suppresses vibration and chatter, ensuring stable processing even at small diameters.
- **Double-Ended Economy:** Symmetrical design allows both ends of the insert to be utilized, maximizing tool life and cost-efficiency.
- **Honed Edge Durability:** Passivated cutting edge treatment enhances wear resistance and durability under unstable machining conditions.
- **Flat Parting Quality:** High-precision pressing ensures stable slot width and a perfectly flat parting surface, reducing secondary finishing.

Technical Specifications (mm)

Model Type	Width (CW)	Total Length (L)	Thickness (S)	Radius (R)
MGMN 150-J	1.50	20.00	3.18	0.2
MGMN 200-J	2.00	20.00	3.18	0.2
MGMN 250-J	2.50	20.00	3.18	0.2
MGMN 300-J	3.00	20.00	3.18	0.4
MGMN 400-J	4.00	20.00	3.18	0.4

Light Cutting Excellence for Precision Parting

ZANHO MGMN-J series delivers stability in difficult machining conditions. Contact us for bulk B2B inquiry and holder compatibility.