MRMN-M

ZANHO Cutting Tools



Feature

ZANHO **MRMN-M series**: Double-sided **round head inserts** designed for high-stability profiling and external grooving. Featuring the proven **M-type chipbreaker**, it provides controllable chip

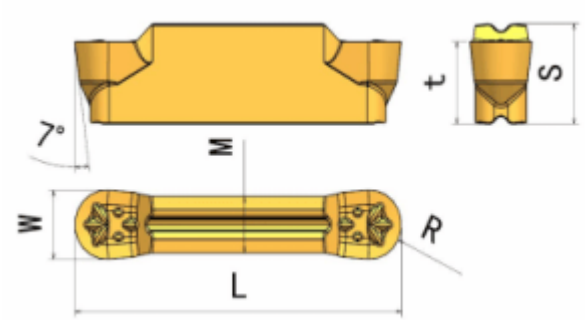
curling and suppresses vibration during deep parting or profiling. Optimized for **semi-finishing and medium-load** operations in carbon steel, alloy steel, and cast iron.

Descriptions

Technical Advantages

- **Profiling Excellence:** Optimized round head geometry specifically engineered for external profiling and arc-contour machining with high surface quality.
- **Double-Ended Economy:** Symmetrical design allows both ends of the insert to be utilized, maximizing tool life and cost-efficiency in mass production.
- **M-Type Chipbreaker:** A mature chip control geometry that constrains chip curling and collection, preventing chip wrapping even in deep grooving cycles.
- **Vibration Suppression:** Advanced rake geometry effectively reduces cutting resistance and buffers impact, ensuring processing stability under varying loads.
- **Precision Pressing:** High-precision manufacturing ensures W±0.05mm tolerance for consistent slot width and perfectly flat parting surfaces.

Technical Specifications (mm)



Model Type	Width (W)	M	Length (L)	Radius (R)	t	S
MRMN 200-M	2.0	1.5	16	1.0	3.5	4.0
MRMN 300-M	3.0	2.35	21	1.5	4.8	5.65
MRMN 400-M	4.0	3.3	21	2.0	4.8	5.84
MRMN 500-M	5.0	4.1	26	2.5	5.8	7.0

Model Type	Width (W)	M	Length (L)	Radius (R)	t	S
MRMN 600-M	6.0	5.0	26	3.0	5.8	7.2

High-Precision Contouring Solutions for B2B Machining

ZANHO MRMN series delivers industrial reliability for complex profiling tasks. Contact us for bulk inquiry.