ONMU090520ANTN-M13

ZANHO Cutting Tools

Feature

ZANHO **ONMU0905 series**: Double-sided **16-edge octagonal** insert for **45° face milling**. Engineered for maximum economy and metal removal rates. The **M13 chipbreaker** provides a

balanced geometry for medium feed rates, ensuring stable chip curling in large face milling, ramping, and plunging of forgings or castings with oxide scale.

Descriptions

Technical Advantages

- **Maximum 16-Edge Economy:** Double-sided octagonal geometry provides 16 effective cutting edges, delivering the lowest cost-per-edge for high-volume production.
- **45° Lead Angle:** Optimized force distribution reduces spindle load and vibration, allowing for stable machining of large flat surfaces.
- **M13 Versatile Geometry:** A medium-feed general-purpose chipbreaker that balances low cutting resistance with superior edge toughness against impact.
- **Stable Chip Evacuation:** Advanced rake cavity design ensures reliable chip curling and disposal even in heavy-duty wide-face milling.
- **Heavy-Duty Applications:** High reliability in roughing forgings and castings with hard oxide scale, ramping, and plunge milling.

Technical Specifications (mm)

Model Type	I.C (IC)	Thickness (S)	Radius (Re)	Edges	Lead Angle	Max APMX
ONMU090520ANTN-M13	22.00	5.80	2.00	16	45°	6.0

Ultimate Economy for Industrial Milling

ZANHO ONMU series optimizes tool cost and performance for large-scale CNC machining. Contact us for bulk B2B inquiry and wholesale distribution.