HNGJ0905ANSN-ZGD

ZANHO Cutting Tools



Feature

ZANHO **HNGJ0905-ZGD**: Double-sided **12-edge hexagonal** insert for **45° face milling**. Engineered for heavy roughing and semi-finishing of large surfaces and forged parts. Features high

resistance to interrupted cuts and casting scale, providing **maximum metal removal rates** and industry-leading economy.

Descriptions

Technical Advantages

- **45° Lead Angle:** Optimizes axial force distribution for stable large-volume milling and reduced spindle vibration.
- **12-Edge Economy:** Double-sided hexagonal design delivers 12 cutting edges, significantly lowering cost-per-part in roughing.
- **Heavy-Duty Roughing:** Robust geometry handles interrupted cuts through oxidized skin, forging scale, and hardened casting layers.
- **High Productivity:** Large APMX (4.0mm) and ARMAX (8.0mm) parameters enable rapid material removal in mold and plate machining.
- **Universal Application:** Highly effective across Carbon Steel, Alloy Steel, Mold Steel, and Cast Iron.

Technical Specifications (mm)

Model Type	I.C (D)	Thickness (S)	Radius (Re)	Edges	Lead Angle	Max APMX
HNGJ0905ANSN-ZGD	15.875	5.00	1.20	12	45°	4.0

Maximum Productivity for Large Surface Milling

ZANHO HNGJ series optimizes cost and efficiency for mold and machinery industries. Contact us for bulk quotations.