HNPJ070412ANSN-HP

ZANHO Cutting Tools



Feature

ZANHO **HNPJ070412ANSN-HP**: Ultra-economical **12-edge double-sided** insert for **45° face roughing**. HP geometry optimizes chip evacuation at high feed rates. Durable performance for

steel/cast iron components with oxide layers or interrupted cuts.

Descriptions

Core Performance Features

- **Ultimate 12-Edge Economy:** Developed on a double-sided hexagonal platform, providing 12 precision cutting edges to drastically minimize tool costs in mass production.
- **45° Lead Angle Efficiency:** Optimized for large-area face milling, enabling stable, high-width material removal in plates, mold bases, and engineering structural parts.
- **HP Shallow-Pocket Geometry:** Specialized HP chipbreaker controls chip curling paths during large feed face milling, ensuring smooth evacuation and preventing heat buildup.
- **Rugged Edge Durability:** Engineered to withstand interrupted cuts and process workpieces with oxide layers or black skin from castings and forgings.
- **Broad Material Versatility:** High performance roughing across carbon steel, alloy steel, die steel, and cast iron components.

Specifications (mm)

Model	I.C (Size)	Thickness (S)	Wiper (BS)	Radius (RE)	Max ARMX	Edges
HNPJ070412ANSN-HP	12.7 mm	4.41 mm	1.5 mm	0.5 mm	3.5 mm	12 (Double-
HNPJ1107ANSN-HP	22.3 mm	7.39 mm	2.65 mm	1.4 mm	5.5 mm	12 (Double-

Maximize Metal Removal with 12-Edge Economy

The ZANHO HNPJ series is the ultimate industrial solution for high-volume face roughing. Contact us for bulk B2B pricing and grade recommendations.