EPNW0603TN-8

ZANHO Cutting Tools



Feature

ZANHO **EPNW0603TN-8** is a precision **high-feed milling** insert developed for small-diameter **deep roughing and profiling**. Optimized for **ASR06 tool holders**, its geometry directs cutting

forces toward the spindle to suppress vibration and maximize feed efficiency. Features a **0.8mm max axial ap** and micro-negative land for stable interrupted cutting.

Descriptions

Core Advantages

- **Vibration Suppression:** Specifically designed to direct cutting forces axially toward the spindle, significantly reducing radial load and chatter.
- **High Feed Geometry:** Long arc cutting edge design allows for extreme feed rates while maintaining stable small axial depths of cut.
- **Optimized Chip Evacuation:** Curved rake face ensures smooth chip curling and removal, reducing cutting resistance in deep cavities.
- **Interrupted Cut Stability:** Micro-negative land reinforcement at the cutting edge improves impact resistance and tool life.
- **Multi-Tasking Versatility:** Excellent performance in mold cavity profiling, ramping, slotting, and step machining.

Specifications (mm)

Model	Thickness (s)	Programming R	Corner Radius	Max Axial ap
EPNW0603TN-8	3.18 mm	R2.0 mm	R0.8 mm	0.8 mm

Precision High-Feed for Mold Cavity Profiling

ZANHO EPNW series delivers high productivity with maximum process security. Contact us for bulk B2B inquiry and holder matching.