KNUX-R/L

ZANHO Cutting Tools



KNUX

Chip-breaker

Feature

ZANHO KNUX 1604 series is a specialized **Parallelogram turning insert** engineered for **Semi-finishing to Medium Machining** of steel. Featuring an optimized chipbreaker, it delivers a perfect

balance between edge strength and light cutting performance. Available in **Left-hand (L) and Right-hand (R)** versions, it ensures stable chip evacuation and reduced vibration, making it ideal for profiling and continuous OD turning even on machines with standard rigidity.

Descriptions

Key Performance & Features

- **Specialized #11 Chipbreaker:** Optimized for stable chip control across a large depth-of-cut range (ap 1.5-5.0mm), effectively preventing chip nesting under medium loads.
- **L/R Directional Design:** Fully matched Left-hand and Right-hand inserts suitable for various tool holder orientations, enhancing versatility in OD profiling and contour turning.
- **Optimized Nose Radii:** Choose R0.5 for superior surface finish or R1.0 for enhanced edge strength and higher feed capabilities.
- **Vibration Resistance:** The refined geometry reduces cutting resistance, allowing for stable machining even on equipment with moderate rigidity.
- **Steel Machining Focus:** Best suited for continuous to slightly interrupted semi-finishing of carbon and alloy steels.

Technical Specifications

Model	Feed (f) mm/r	Cut Depth (ap) mm
KNUX 160405L11	0.15 - 0.35	1.5 - 5.0
KNUX 160405R11	0.15 - 0.35	1.5 - 5.0
KNUX 160410R11	0.21 - 0.45	2.0 - 5.0

Looking for High-Reliability Turning Solutions?

ZANHO specialized carbide inserts are designed to boost your CNC productivity. Contact us for bulk pricing, OEM inquiries, or technical support for your specific machining materials.