

# Carbide CNC Wood Lathe Turning Cutter Set

This CNC wood lathe turning tool is designed for use with CNC wood turning lathe machines. It reduces tool changing times and eliminates the need for frequent sharpening.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Carbide Turning Solution

This CNC wood lathe turning tool set features a new design utilizing high-quality solid carbide blades, significantly reducing the need for frequent sharpening compared to high-speed steel. Engineered to effortlessly remove massive amounts of material, these tools enhance productivity and lower production costs in professional woodturning environments. The system is designed for precision and durability, ensuring smooth surface finishes on a wide range of materials.

## Technical Specifications

### Blade Tip Radius Options

- 0.75
- 1
- 1.5

Blade Material	Solid Carbide
Knife Holder Material	40Cr Steel
Blade Hardness	91.5 HRC
Blade Length	40 mm
Blade Thickness	13 mm
Cutting Angle	17 degree

## Performance Metrics

### Performance Highlights

**20 x**

Wear Resistance vs HSS

**0.1 mm**

Max Line Error

**95 %**

Cutter Tip Smoothness

## Compatibility

### Compatible Materials

Red wood, Rose wood, Hard wood, Soft wood, Plastic, Acrylic, Carbon fiber, Resin

## Usage Guidelines

### Handling & Maintenance

As these blades are made of cemented carbide, they possess high hardness but are more fragile than high-speed steel. To prevent damage, avoid contact with abrasive materials such as sand, small stones, nails, or hardened inclusions. If sharpening is required, use a diamond wheel with water cooling.