

## Lathe Knives

Simonds' Lathe Knife factory has undergone some dramatic enhancements. We invested in New Heat Treating and Surface Grinding Equipment and are implementing the principles of Lean Manufacturing. What this means for you is tighter tolerances, better quality and quicker delivery.

➤ **Precision Bevel Angles**

Our new grinders hold tight bevel angles like never before. Simonds Lathe Knives grind in fast. Tell us your bevel requirement, *and we'll match it!*

➤ **Uniform Flatness**

Simonds' Big Rapids factory now produces the flattest and most uniformly thick knives possible.

Our knives fit both your lathe and grinder easily, and butt cleanly.

➤ **Precision Heat Treating**

Our new Lathe Knife heat treat process utilizes a unique knife clamping and quenching system to deliver dead uniform hardness. Our digitally controlled furnaces hold temperatures within 2°F in both high heat and draw furnaces. No hard and soft spots within our knives, you'll find they grind and hone the same, Knife after Knife.

➤ **Consistency, Knife after Knife** –

The bottom line result from our capital investments and Lean Manufacturing implementation are perfect "matched set" Lathe Knives delivered on your schedule. Our Ribbon Logo etch and match end stamp ensure that these knives meet the highest quality standards of our industry.





## Simonds Lathe Knives

**Knives shown below are typically available *From Stock*. Other knives quickly available upon request.**

<u>Size</u>	<u>Knife Style</u>	<u>Bevel Angle</u>	<u>Item #</u>
54" x 7.5 x .625	3 sets Key Hole Babbitt	22.6 degree	25720
54" x 7.5 x .625	Solid Back	23 degree	25722
54" x 7.5 x .625	2 sets H type Babbitt	21.7 degree	46561
54" x 7.5 x .625	2 sets H type Babbitt	22 degree	25718-22
54" x 7.5 x .625	2 sets H type Babbitt	23 degree	25718
55" x 7.5 x .625	Solid Back	22.6 degree	25702
55" x 7.5 x .625	2 sets H type Babbitt	23 degree	25715

For additional information or to order Simonds' Lathe Knives please contact your local Territory Manager or contact us at **800-426-6226**. On the Web at [www.simondsint.com](http://www.simondsint.com)

Why LEAN? – The big improvements in our Lathe Knife product results from implementing *Lean Manufacturing Principles* in our factory.

Lean Manufacturing is an operational strategy oriented toward achieving the shortest possible cycle time by eliminating waste. Its key emphasis is to increase the value-added work by eliminating waste and reducing incidental work. The technique often decreases the time between a customer order and shipment.

LEAN is designed to radically reduce costs and throughput times while improving quality, customer satisfaction and employee morale.



The Professionals' Edge™

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