

**Simonds International**  
for: **Yield**  
**Enhancement**  
**Solutions**

It's all about *Yield*. Yield from Manpower, Fiber and Investments. Let Simonds International's full range of *Yield Enhancement Solutions* help you get the most Yield from your operation. Simonds International can help you minimize down time and maximize run time.

Our Knife Grinding equipment provides you with the means to sharpen knives back to OEM specs. We can provide grinding wheels, coolants and training to enable you to keep your equipment performing at peak levels.



**High Quality Filing Room Tools**  
for High Quality Cutting  
**Simonds Knife Grinders**

[www.simondsinternational.com](http://www.simondsinternational.com)

**Also Available From**  
**Simonds International**

- Chipper and Counter Knives
- Lathe Knives
- Knife Grinders
- Grinding Wheels & Coolant
- Cutterhead and Planer Knives
- Anvils and Bed Knives
- *SystiMatic* Circle Saws
- Kodiak and F-2 Cut Off Saws
- Wide Bandsaws
- Filing Room Equipment
- **Red Streak** narrow bands

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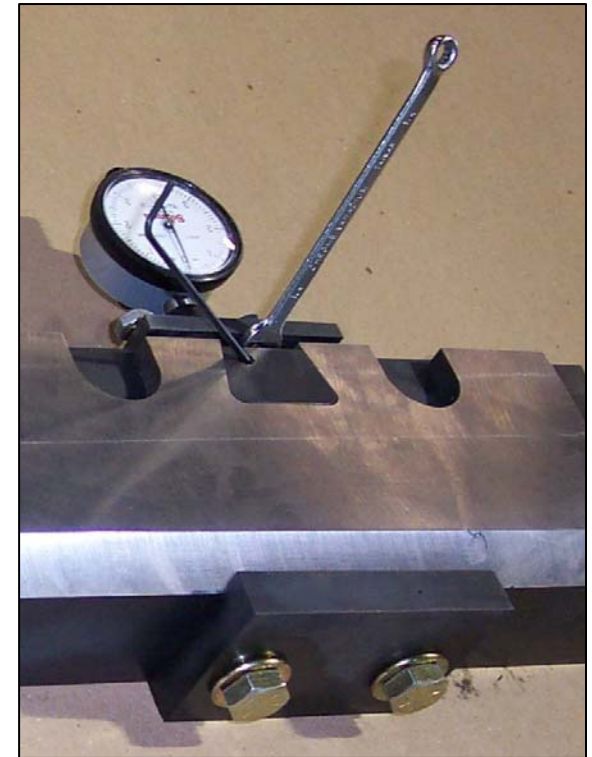
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*The Professionals' Edge*



**Accurate**  
**Positioning**  
**Insert**



**Knife Width**  
**Adjustment**  
**System**

**United States Patent Application**  
**No. 11,451,537**



*The Professionals' Edge™*

# Accurate *P*ositioning *I*nsert



Let the A-P-I System help you:

- Improve knife width accuracy
- Remove expensive hot molten babbitt from your grinding room
- Improve grinding room productivity

**A-P-I**, the way of the future for setting chipping and peeling knives.



**A-P-I** quickly provides a very accurate knife cutting edge position and is consistently more accurate than any other knife positioning system.

*A-P-I* is a patent pending reusable precision insert that locks into the back of the knife.

Each knife requires two reusable inserts. Each insert is comprised of a precision machined and heat treated block with an adjustment bolt and three locking screws. Inserts are locked into the knife with two expansion set screws in the back of the insert. The width adjustment bolt is locked in place with a locking set screw on top of the insert.

When the knife is discarded, unlock the inserts and use them in a new knife.



Available for:

- Wastewood Chippers
- Pulpwood Chippers
- Lathe Knives

The *A-P-I* System is available with our Indicator Block tool. Both standard and custom indicator blocks are available. The Indicator Block system consistently delivers knives within 0.003" or less.



Once the locator bolt is adjusted out such that there are not enough treads left inside the insert to hold, simply replace the bolt with the longer set bolt. Accurate adjustments can be performed in seconds.



An A-P-I System in a softwood veneer application.

**Proven in Lathe Knife Applications!**

A-P-I is much safer and cleaner than molten babbitt. It also provides faster and more accurate positioning than either babbitt or conventional jacking screws. Add A-P-I to your chipper system and eliminate the operational cost and safety issues associated with hot, molten babbitt. Contact your insurance agent for possible savings from elimination of your babbitt pot.

Item #	Description
API-125-38	A-P-I INSERT 1-1/4"X3/8" thick for chippers
API-125-12	A-P-I INSERT 1-1/4"X1/2" thick for chippers
API-LATHE-58	A-P-I INSERT 3"X5/8" thick for Lathe Knives Set of 2 inserts required per knife. We recommend a set for all knives in service.
API-INBL2-14-2	A-P-I 2 Dial Indicator block for chippers
API-INBL-LATHE	A-P-I Indicator Block for Lathes are custom

Chipper or Lathe Description:

Size \_\_\_\_\_

OEM \_\_\_\_\_

Knife Size \_\_\_\_\_

Contact Information or Attach Business Card

Name \_\_\_\_\_

Address \_\_\_\_\_

Please give us your phone, fax and email. Check a box to indicate the best way for us to contact you.

Phone \_\_\_\_\_

Fax \_\_\_\_\_

Email \_\_\_\_\_

References gladly provided.