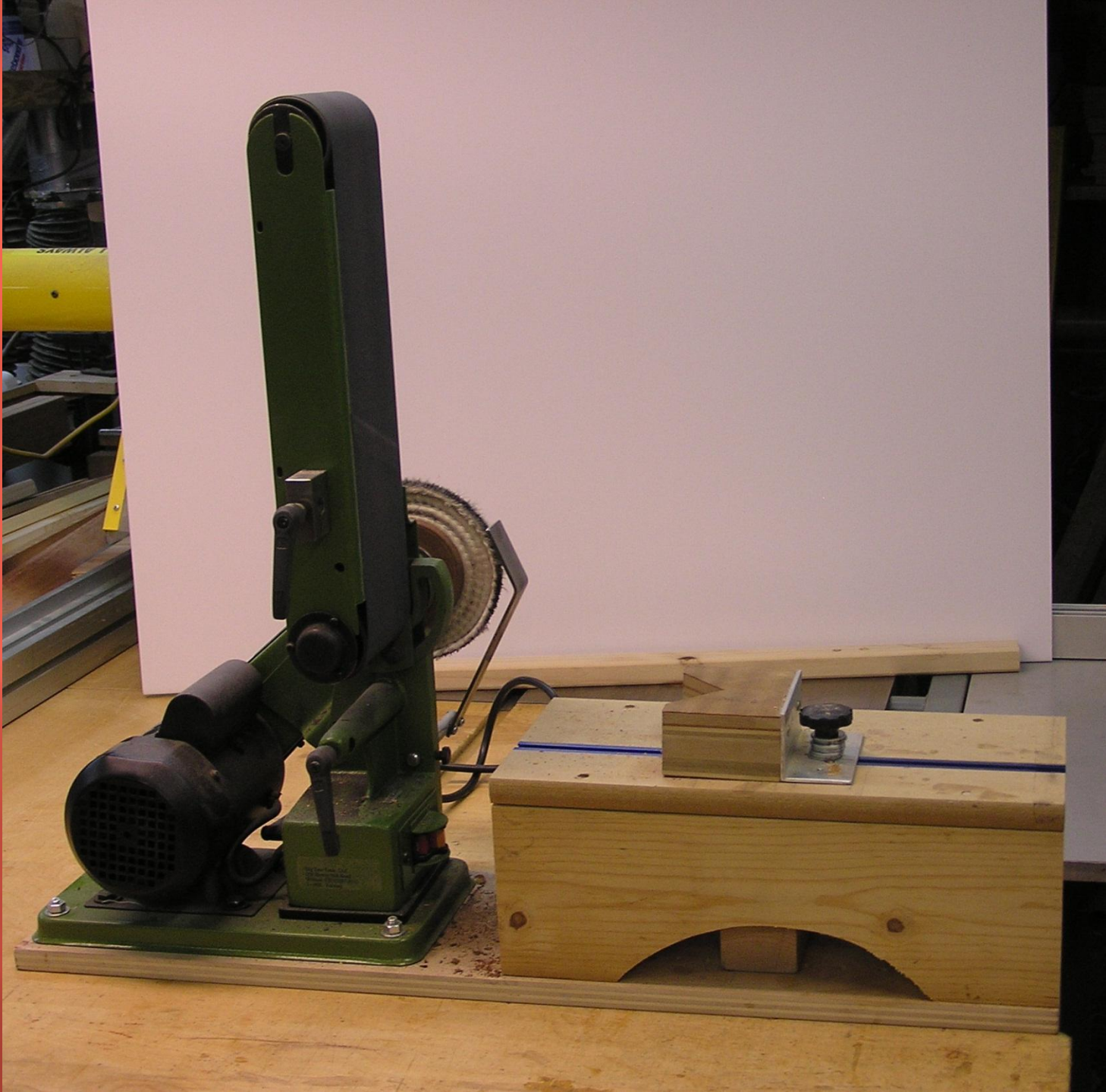


# BELT SANDER SHARPENING

Ward Donahue



# Basic Information

- ▣ This sharpening system was displayed at the 2010 AAW convention in Hartford, Connecticut by Jon Siegel. Jon is a professional production turner who is very talented and knowledgeable about sharpening. When he displayed the system at the trade show I looked at it and thought that is nice but I already have my Oneway system. Then We went to see his demo where he showed several spindle techniques (Jim Echter) and then turned a Dutch Foot Leg in less than 5 min. IMPRESSIVE What impressed me was how little time he took sharpening. Maybe 10 – 15 sec. for each sharpening and his chisel was always sharp. He made no comments about his sharpening system during the demo. Sooooooooooooooooooooo We went back to his booth at the trade show and took a better look. I was really impressed but did not buy.

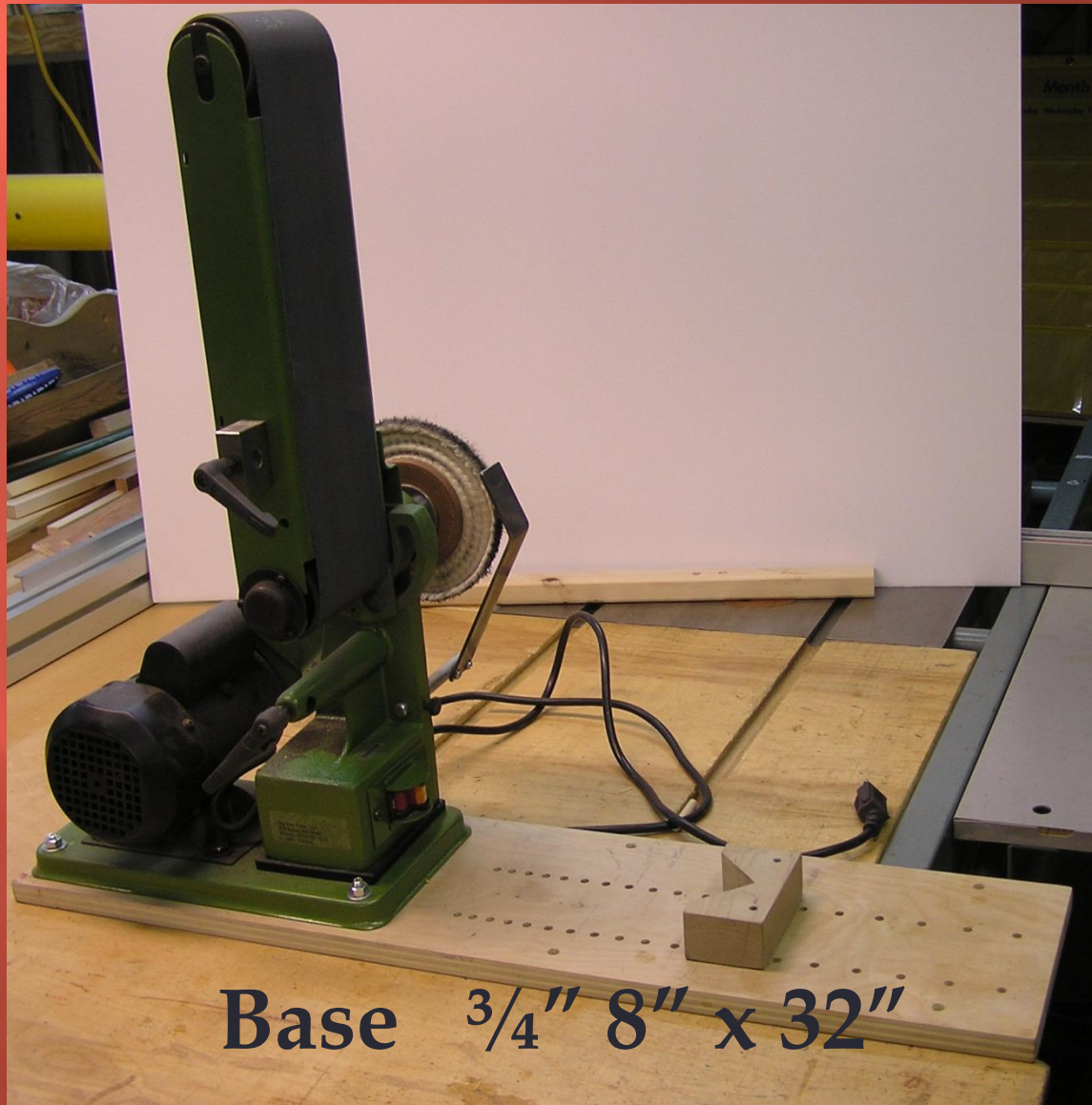
# More Basic Information

- When we got home and thought more about it we decided that it was something we absolutely had to have. That sharpening system offers safety, extended chisel life, time saving and guarantees sharp chisels. We drove to New Hampshire the next week to Jon's place and bought the system. We learned that this is the New Hampshire turners sharpening system. Jon is no longer making this but you can make your own with very little effort. The key to this system is the reverse direction of the sanding belt. Just a simple twist of the drive belt and you have the sanding belt going in reverse, thus safety and accuracy.

# Advantages

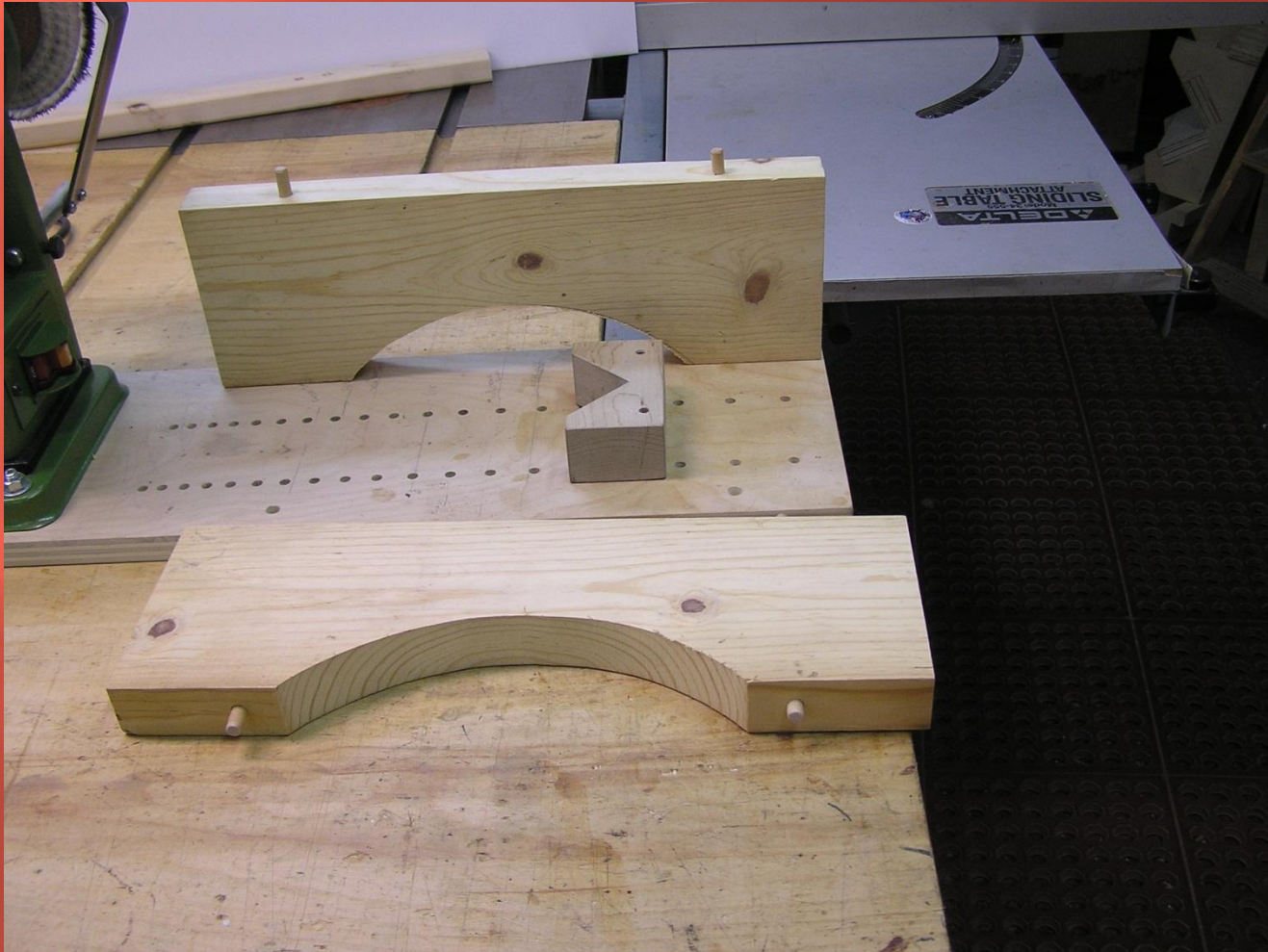
- ▣ Safety
- ▣ Cost Savings:
  - Equipment investment
  - 1.000" per sharpening
  - Tool life is extended
  - Belts versus grinding wheels

# Source – Harbor Freight



Base  $\frac{3}{4}$ " 8" x 32"

Sides – 2 1 ½" x 5" x 16"

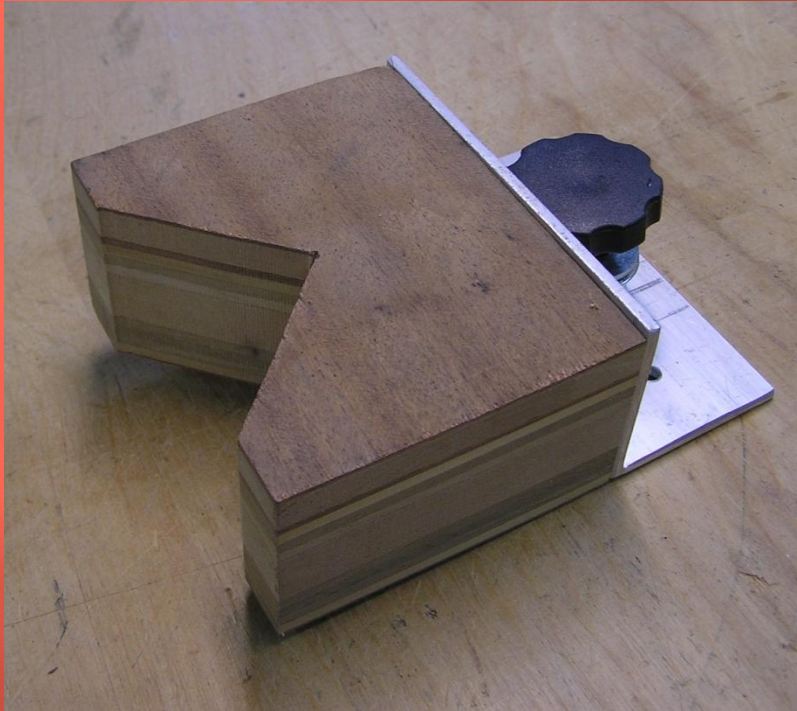


Top 1 1/2" x 8" x 16"



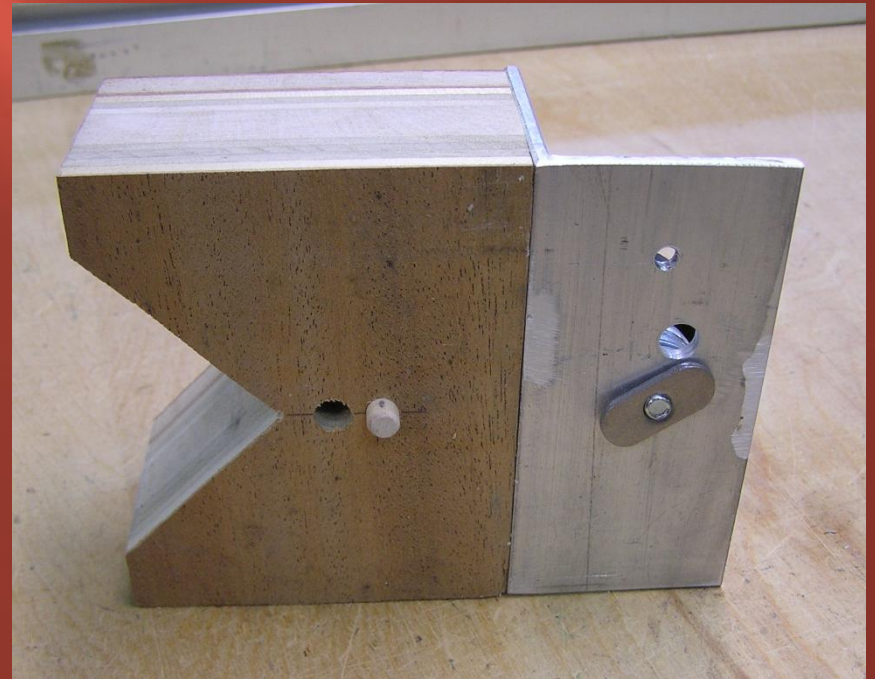


# V Block



2" x 4 1/2" x 3 1/2"

2" Aluminum Angle  
4 1/2" to fit V Block



# Additional Parts

Butt Joint Belts

2 Universal T Tracks

- Aluminum

T bolt to fit above track with  
knob

# Sharpening

- ▣ Roughing  
Gouge

- ▣ Spindle  
Gouge

- ▣ Skew

- ▣ Parting  
Chisel

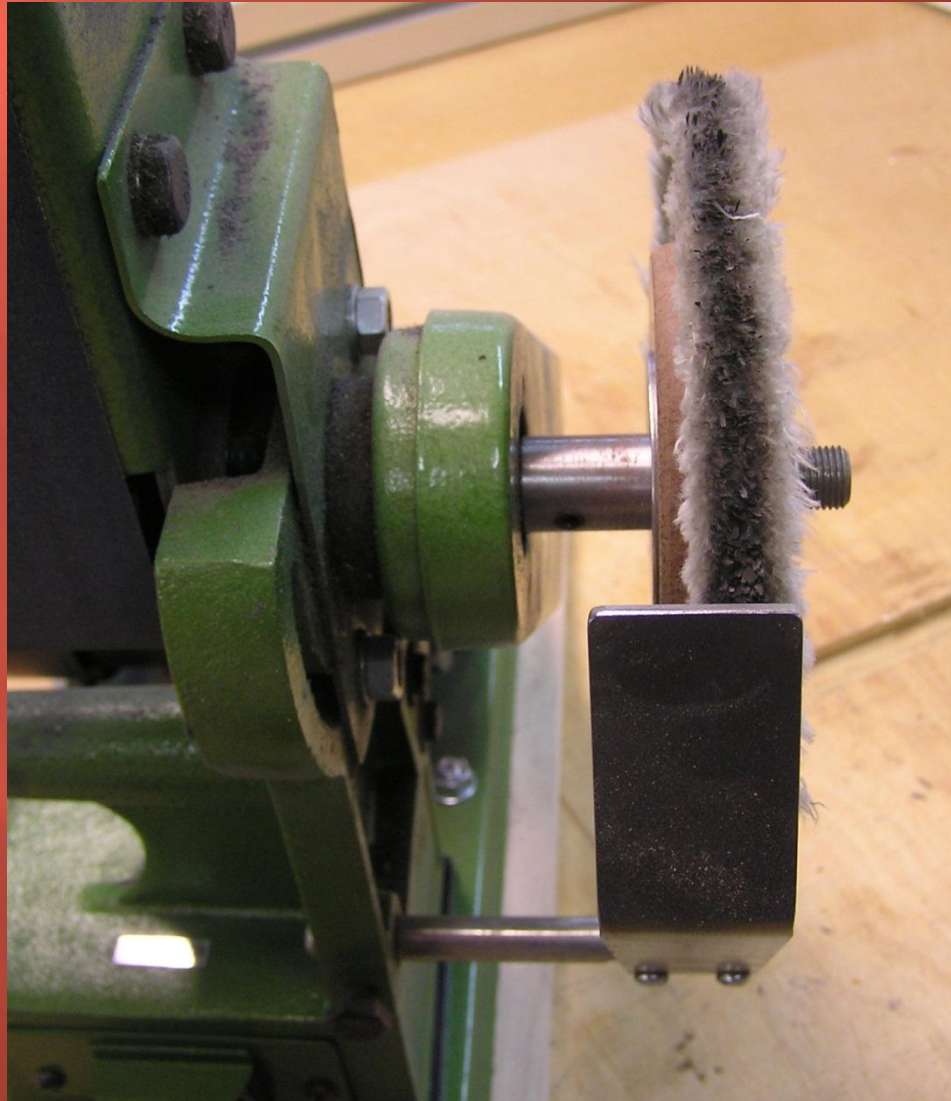
- ▣ Scrapers

- ▣ Scissors and  
Knives

# Sharpening – Bowl Gouge



# Deburring



A green bench-mounted circular saw is the central focus, positioned on a wooden workbench. To its right, a wooden vise is mounted on the workbench. The background is a plain white wall. The image is framed by a red border.

Stay Sharp

Keep Turning!