

Hand Saw Sharpening

This workshop is open to current active members

There is no cost of to attend the workshop for the purpose of viewing as a demonstration.

To participate and to get some hands-on experience, there is a basic fee of \$25, which includes a saw vise holder, guides, teaching aid, and handouts. These are yours to keep. We encourage you to bring that saw you have sitting in a corner collect dust, or granddads hand me down.

You must bring the appropriate files for sharpening a saw that you plan to bring or purchase then prior to the workshop. Don't delay if you need to purchase.

We will have a Mill Bastard file with guide and a saw set available for sharing. No need to purchase, bring if you have them.

Special Note: Worn, dirty, dull files produce poor results!

You may purchase file from any source you choose, but choose wisely, quality can vary!

We recommend you purchase for one of the two sources listed. We don't recommend purchasing new Nicholson files. Older US made Nicholson files were of good quality.

File selection depends on the tooth count of the saw you plan to sharpen. chances are that you will be sharpening an 8-9 tooth saw and would only need to purchase a 6X extra slim if you only wanted to purchase the minimum file required.



You have the option to go all in and purchase this set from Lee Valley, add a mill file and your pretty much setup.



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|  <p>6-Pc. Saw-Sharpening File Set & Storage Roll Item 62W3320 ✓ Online - Available</p> <p>Purchase Later Move Item To Wish List Remove Item</p> | - 1 + | \$58.50 | \$58.50 |
|  <p>10" Mill Bastard File Item 62W3323 ✓ Online - Available</p> <p>Purchase Later Move Item To Wish List Remove Item</p> | - 1 + | \$10.50 | \$10.50 |

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Subtotal: \$69.00
Total \$69.00 USD

YOUR SHIPPING METHOD

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CHECKOUT

This set of six taper files contains all the files needed for saws ranging from 4 to 14 tpi, supplied in a thirteen-sleeve nylon roll with extra sleeves for expanding your set.

If you own handsaws, these files are indispensable. A few minutes spent sharpening a saw can yield significantly faster, cleaner and more accurate cuts; the key is to use a good-quality file matched to your saw's tooth size.

- The 7" long regular taper file is for teeth from 4 to 5 1/2 tpi
- The 6" long slim taper file is for teeth from 6 to 7 tpi
- The 7" long slim taper file is for teeth from 5 to 6 tpi
- The 6" long extra-slim taper file is for teeth from 8 to 9 tpi most common file
- The 5" long double extra-slim taper file is for teeth from 11 to 14 tpi
- The 6" long double extra-slim taper file is for teeth from 9 to 10 tpi

The files and roll are also offered individually.



Grobet Taper Files for Hand Saw Sharpening

Grobet's triangular saw sharpening files are designed for sharpening 60° teeth. The single-cut file teeth produce a smooth surface and a sharp edge on saw teeth. Files come *without handles*.

Saw Pitch

Over the years saw pitch has been measured using two different systems. **TPI (teeth per inch)** is primarily used by British sawmakers and measures whole teeth per inch. **PPI (points per inch)** is primarily used by American sawmakers and measures only tooth points per inch. Measuring pitch using PPI typically results in a number one higher than measuring in TPI — on the same saw. If your saw is 4 TPI, it will be 5 PPI. Our chart below shows both for clarity — or confusion.

Don't over-stress about file selection. You won't ruin your saw if you choose the “wrong” size. As long as it's pretty close it will work. The files are fairly inexpensive so it won't break the bank to get a range that should cover most saws.

| Length | Taper | Saw Pitch in PPI | Saw Pitch in TPI | Grobet # | HW # |
|--------|------------------|------------------|------------------|----------|--------|
| 4" | Extra Slim | 17-21 ppi | 16-20 tpi | 32.445 | 123833 |
| 6" | Slim | 8-9 ppi | 7-8 tpi | 32.440 | 123829 |
| 6" | Extra Slim | 10-11 ppi | 9-10 tpi | 32.447 | 123835 |
| 6" | Extra Extra Slim | 14-17 ppi | 13-16 tpi | 32.452 | 123840 |
| 7" | Slim | 6-8 ppi | 5-7 tpi | 32.441 | 123830 |
| 7" | Extra Slim | 9-11 ppi | 8-10 tpi | 32.448 | 123836 |
| 7" | Extra Extra Slim | 11-14 ppi | 10-13 tpi | 32.453 | 123841 |

Listed length refers to the cutting part of the file. Overall length of the file including tang is longer.



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