

# ZONA Hobby Tools



## Hobbyists & woodworkers know Zona for excellent, affordable, USA-made Razor Saws!

Zona Tool also has miter boxes, small handsaws and blades, plus a great selection of small hand tools for makers, students, scale modelers, miniaturists, sculptors, luthiers, architects, inventors, designers, tinkerers, artisans and many others.

Shown above **38-700 Hobby Tool Kit \$35.46** This popular kit has a Mini Miter Box, Ultra Thin Kerf 32 TPI Razor Saw, Swivel Head Pin Vise, Curved Point Tweezers, Retractable Knife with 6 hobby blades, and Zona's unique 3" x 4" L-Square.



**37-352 Fine Point Diamond File Set**

- Fine Point
- Round
- Triangle
- Square
- Round
- 1/2 Round

## Shape, Sand & Polish



**37-354 Flat Shape Diamond File Set**

- Triangle
- Flat Taper
- Flat
- Knife
- Oval

**\$22.20 each 5-pc Diamond Needle File Sets** Shape glass, metal, ceramics, marble, wood, plastics, stone, bone etc! Diamond File Sets are precise yet aggressive. Files have soft grips and are packed in a sturdy case.



**37-320 Spoke Shave \$8.92**

3/2" total width. One piece metal construction with adjustable blade. For shaping and smoothing small round surfaces of wooden rods and shafts such as wheel spokes, chair legs, arrows, canoe paddles, surfboards, etc.

**37-323 Spoke Shave Replacement Blades \$6.58/2-pk** 7/8" wide x 5/8"

**37-790 3/4" wide Finger Sander \$5.26**



Made in UK

**37-795 1 1/2" wide Finger Sander \$7.10**

Spring-loaded finger sanders in unique shapes for preparing curved and straight surfaces. Both include 320 grit sandpaper. Overall Lengths: 37-790 is 5 1/4" and 37-795 is 5 1/2".

**37-794 Finger Sander Master Set \$17.62**

Includes both sanders + 4 extra sandpaper bands: 1 each of 150 and 320 grit to fit both sanders.

Replacement sanding bands for each width come in 150, 240, 320 grit and assortments. These also work well with 3M Micron Graded Wet/Dry Polishing Paper!



**3M Micron Graded Wet/Dry Polishing Paper**  
Made in USA

3M polishing papers have super flexible non-woven backings for polishing flat and contoured surfaces of acrylic, polyurethane, solid surface composites, fiberglass, aluminum, precious metals, finished wood and other soft materials. Use with or without water. For best results work in sequence from coarsest to the finest grade. Cut into strips for use on Zona's sanding sticks, or taped using **37-959 Super Bond Film Tape (\$34.47)** and rolled for use on the Finger Sanders. Comes in 6 micron grades from: 1 (finest) to 30 (coarsest) microns in packs of 10 of one grade (\$26.88 each) or a **6-pc assortment pack** of 6 sheets in each grade (37-948 \$16.08). Sheets are 8 1/2" x 11". Paper is one sided.

**37-772**

holds sandpaper 1/2" or 5/8" wide



**37-752**

holds sandpaper 1" wide

**Sanding Sticks \$15.68 each**

Sanding sticks (10-1/2" long) with molded plastic handles and adjustable metal clamps come in two widths to hold strips of abrasive paper 1/2", 5/8" or 1" wide x 11" long. Each one includes a strip of 120 grit cloth-backed sandpaper. Sandpaper strips are available in 80, 120, 180, 220 and 400 grit 10/packs or assortments.

**A-SS26 Round**

surface is 1/4" x 5/16"



**A-SS27 Square**

surface is 3/8" x 3/8"

**Sandpaper Holders \$6.27 each**

8" long, lightweight aluminum with soft grip handles, in round or square shape hold sandpaper, cloth, or other abrasive paper. Ideal for sanding, filing and polishing small or concave workpieces. Hinged at the end, each can hold abrasive sheets that are 1-1/2" x 3-1/2".



**37-120 Revolving Tool Holder \$10.30**

Ball-handled pin vise fits the hand, while thumb and index finger twist the chuck. For drilling holes in soft stock. Includes 2 collets with capacity of .015"-.050" & .062"-.113" (.381-1.27 mm) & 1.574-2.87 mm diameter. 3 7/8" overall length.

**37-160 Spiral Hand Drill \$11.67**

Use small wire size drills (#70 - #80) with Archimedean or spiral hand drill. Push ring down and spring returns it for faster drilling. 4 1/4" overall length.

**Steel Pin Vises:**

Steel pin vises hold wire, rod, drills, taps, reamers, etc. Both can be used in stationary drill press chucks or as an adapter for small drills and taps.

**37-170 Small \$7.90**

Chuck capacity .01"-.045" (.25-1.14 mm). 3 3/8" overall length.

**37-180 Large \$8.69**

Chuck capacity .078"-.125" (1.9-3.1 mm). 3 3/8" overall length.

**37-145 Double Ended Pin Vise \$8.92**

Includes 2 double-ended collets with 0"-.109" or 7/64" (0-2.7686 mm) capacity range. 3 3/8" overall length. 4 chuck sizes for drills, miniature reamers, files and small tools: 0"-.05", .03"-.08", .05"-.10", and .07"-.11".

**37-140 Swivel Head Pin Vise \$9.96**

Includes 2 double-ended collets in the handle with 0"-.109" or 7/64" (0-2.76 mm) capacity range. Hexagonal head keeps vise from rolling off of work surface. Holds small tools with round shanks including drills, burs, reamers, taps, needles, scribers: 0"-.05", .03"-.08", .05"-.10", and .07"-.11". Revolving head makes drilling fast. 4" overall length.

## Pin Vises



**37-130 Tool Holder \$9.96**

Can hold small tools: chisels, files, reamers, beading tools, burs and gravers. Includes 2 collets with capacity of .015"-.050" and .062"-.113" (.381-1.27 mm and 1.574-2.87 mm) diameter. 3 7/8" overall length.

## Miniature Twist Drills



**20-pc High Speed Steel Twist Drill Sets \$18.65 each**

**37-150 Wire Gauge**

Wire gauge sizes: #61 - #80 (.025"-.053"). Use in small pin vise, other hand tools that hold wire gauges or rotary tools with micro chucks.

**37-151 Metric**

Sizes: 0.3mm - 1.6mm. Includes: 0.3, 0.35, 0.4, 0.45, 0.5, 0.55, 0.6, 0.65, 0.7, 0.75, 0.8, 0.85, 0.9, 0.95, 1.0, 1.2, 1.3, 1.4, 1.5, and 1.6. Use in small pin vise, other hand tools that hold wire gauges or rotary tools with micro chucks.

## Hobby Knives

**39-910 Soft Grip Knife \$8.92** Includes No.11 blade.

**39-920 Soft Grip Knife Set \$11.78**

Includes 5 hobby blades. No.11 blade +4 additional blades-Nos.10,11, 16 and 33 shown below. Light-duty knife with anti-roll design & soft grip handle for comfort and control. Rear blade release holds blades securely. Made in USA.

**39-921 No. 11 \$5.38** 5-pk

**39-922 No. 16 \$5.15** 5-pk

**39-923 No. 10 \$5.72** 5-pk

**39-929 No. 11 \$45.76** Bulk 100-pk

**39-924 No. 13 \$3.89** (42 TPI) Micro Saw 5-pk

**39-925 No. 33 \$5.15** (32 TPI) Micro Saw 5-pk

**39-850 Retractable Knife Set \$10.30**

with 6 hobby blades. Made of high-impact polycarbonate plastic. Retracting feature makes it easier for one-handed operation and safer to carry. Comes with No.11 blade & five additional No.11 hobby blades in plastic tube. Made in USA.

## Pliers

**37-341 Diagonal Cutting Pliers \$12.12**



**37-344 Flat Nose Pliers \$12.12**

## Tweezers

**37-540 5-pc. Tweezer Set \$27.92**

4 1/4"-4 3/4" long tweezers in a sturdy reusable plastic case. Available Individually.

**37-542 Fine Point \$6.86**

**37-543 Flat Blade \$7.44**

**37-547 Slide Locking \$8.81**

**37-548 Curved Point \$7.90**

**37-549 Cross Locking \$7.90**



## C-Clamps

Made in UK

Lightweight, nylon filled c-clamps are sturdy with a metal screw thread. Won't mar or scratch surfaces.

**37-220 Large \$4.81** 1 1/2" max. opening

**37-215 Small \$4.35** 5/8" max. opening

**37-230 C-Clamp Set \$7.44**

One of each size.

Zona's pliers have box joint construction for maximum strength and accuracy, perfectly aligned jaws and points and comfortable grips with spring

**37-433 3" Triangle \$10.19**

.022" thick stainless steel Triangle and L-Square with 1/32" measuring intervals & metric equivalents on back. Made in USA.

**37-434 3" x 4" L-Square \$12.01**

## Unique Rulers



## & MORE



**37-375 Vinyl Acetate Soff Jaws™ \$14.85**

3 1/2" long Soff Jaw vise pads attach to any 3" or 4" bench vise with magnetic strips. Vinyl acetate cushioned pads grip odd shapes and protect polished, painted or threaded parts.



**37-210 Plastic Mini Vise \$20.59**

A stainless steel threaded shaft on this lightweight plastic vise won't rust when you do projects that require using water such as drilling, sanding or shaping shell or stone. It also has 15/64" diameter mounting holes for #12 screws. 4 1/4" long x 3 3/8" wide x 1 3/4" high. Jaw width-1 3/4". Jaw height-3/4". Jaw capacity-1 3/8".



**37-109 1-oz. Mini Ball Peen Hammer \$10.30**

**37-110 Mini Riveting Hammer \$10.30**

**36-105 Precision Oiler \$6.86**

General purpose, lightweight, plastic compatible oil in a hypodermic dispenser is ideal for precision lubricating in hard to reach places.

Prefer to supply your own lubricant? select:

**36-100 EMPTY Precision Oiler \$6.00** Made in USA



**Ultra Thin Kerf Razor Saws**  
**\$9.35**  
 35-050 52 TPI  
 35-150 42 TPI  
 35-200 32 TPI

**Blade Specs**  
 .008" thick  
 4 1/2" long x  
 7/16" cutting depth

Ultra Thin Kerf Razor Saws are the thinnest razor saws available with blades that are only .008" thick. Ideal for making super fine cuts in wood, soft metals and plastic without causing splitting or ragged edges. 9" overall length.

• Cut on the pull stroke.  
 • Steel back for added stability.  
 • Hardwood handles.

# Razor Saws

**Made in USA**



**35-300 Medium Kerf Woodcraft Saw \$10.07**

**Blade Specs**  
 24 TPI  
 .015" thick  
 6 1/2" blade length x  
 7/8" cutting depth

Excellent for cutting hard and soft wood and perfect for making small picture frames, shadow boxes, doll house parts, and fine dovetails in cabinetry work. 11" overall length.



**35-350 Thick Kerf Woodcraft Razor Saw \$13.16**

**Blade Specs**  
 14 TPI  
 .020" thick  
 6 1/2" long x 1 3/4" cutting depth

Thick Kerf Saws are excellent for many wood cutting applications, including carpentry, dovetailing and other joints and trim cuts. 11" overall length.



**35-140 4-in-1 Saw Set \$13.16**

Versatile set comes with four replaceable blades listed:

**36-408 Keyhole Saber (push)** 24 TPI .022" thick, 2 1/4" long are used for trimming and making shorter cuts.

**36-458 Large Saber** 24 TPI x .022" thick, 4 1/2" long, ideal for inside cuts and for cutting through thick material such as Styrofoam.

**36-050 Ultra Thin Kerf** 52 TPI x .008" thick, 4 1/2" long x 7/16" deep

**36-555 Fine Kerf** 32 TPI .010" thick, 5 1/2" long x 1 3/8" deep  
 Removable, replaceable blades attach with a knurled nut. 11" overall length. Replacement blades also sold on our website.



# Razor Saw Sets

**Made in USA**

**35-450 Saber Saw Set \$9.72**  
 Comes with three 24 TPI and .022" thick blades listed:

**36-458 Large Saber** 4 1/2" long ideal for inside cuts and for cutting through thick material including Styrofoam.

The two 2 1/4" long keyhole blades are used for trimming and making shorter cuts.

**36-406 Keyhole Saber (pull)**

**36-408 Keyhole Saber (push)**

Removable, replaceable blades attach with a knurled nut. 10" overall length.

Replacement blades for 35-140, 35-130, 35-450, and discontinued 35-100 razor saws are available:

TPI	Thick	Length	Depth
52	.008"	4 1/2"	7/16"
32	.008"	4 1/2"	1/2"
24	.015"	4 1/2"	7/8"
24	.022"	2 1/4"	keyhole
24	.022"	2 1/4"	keyhole
24	.022"	4 1/2"	saber
32	.010"	5 1/2"	1 1/8"



**Fine Kerf Universal Razor Saws**  
**\$10.07**  
 35-550 42 TPI  
 35-500 32 TPI

**Blade Specs**  
 .010" thick  
 6 1/2" long x  
 1 3/8" cutting depth

Fine Kerf Universal Razor saws are great all purpose saws for modeling and wood-working. They cut balsa and other wood, plastic, copper and brass, while leaving smooth edges. Suitable for cutting most shapes and thicknesses. 11" overall length. Deluxe Handle

**35-560 Deluxe Handle Fine Kerf Universal Razor Saw \$14.85**

**Blade Specs**  
 24 TPI  
 .010" thick  
 6 1/2" long x  
 1 3/8" cutting depth

Razor Saw has a more substantial, ergonomic design, New England grown, maple handle. 12 3/4" overall length.



**35-380 Thick Kerf Dovetail Razor Saw \$13.39**  
 Cuts on the push stroke.

**Blade Specs**  
 18 TPI  
 .020" thick  
 8" long x  
 1 3/4" cutting depth

The Thick Kerf Dovetail Saw has Zona's longest razor saw blade and can be

used for more forceful 'push stroke' cutting. 12 1/2" overall length.



**35-400 Medium Kerf Flush Cutting Saw \$13.39**  
 Shortened steel back for flexible blade.

**Blade Specs** 16 TPI  
 .012" thick  
 6 1/2" long x  
 1 1/4" cutting depth

Unique flexible blade and teeth with no set can cut dowels, pegs, and plugs flush without marring surfaces. It also cuts tenons and excess trim in joinery and fits into hard to reach spots. 11" overall length.



# Miter Boxes & Sets

**Made in USA**

For cutting square ends, perfect splices and mitered corners.



**35-221 Thin Slot Miter Box & Deluxe Handle Saw Set \$32.03**

Gold toned aluminum 37-240 miter box plus 35-560 Fine Kerf Saw (24 TPI) for accurate cuts in materials 7/8" thick or less.

**37-240 Thin Slot Miter Box \$24.02**

For precise cuts. .014" slot width, 45°, 60° & 90° angles, 7/8" cutting depth, 2" cutting width, 6 1/2" long. Use with Fine Kerf Saws 35-500, 35-550 and 35-560.



**35-241 Thin Slot Miter Box & Saw Set \$28.60**

Gold toned aluminum 37-240 miter box plus 35-550 Fine Kerf Saw (42 TPI) for accurate cuts in materials 7/8" thick or less.

**35-251 Mini Miter Box & Saw Set \$13.73**

Plastic molded 35-250 miter box plus 35-200 Ultra Thin Kerf Saw (32 TPI) for cutting square ends, perfect splices and mitered corners in materials 1/4" thick or less. Has adjustable stop and beveled channel for tubing and dowels.

**35-250 Mini Miter Box \$9.72**

For precise cuts. .012" slot width, 45°, 60° & 90° angles, 1/4" cutting depth, 1 1/2" cutting width, 6 1/2" long. Use with Ultra Thin Kerf Saws 35-050, 35-150 or 35-200.



**35-260 Wide Slot Miter Box \$15.44**

Standard hobby miter box. .031" slot width, 45° & 90° angles, 3/4" cutting depth, 1 3/4" cutting width, 5 1/2" long. Use with razor saws or with junior/mini hack saws. Imported.



**35-650 Deluxe Jr. Hack Saw \$15.79**

This saw has a screw for easy installation and tensioning of the blade. Cuts wood, plastic and metal. Comfortable plastic molded handle. 9 3/8" overall length. Comes with 6" long, 32 TPI blade.

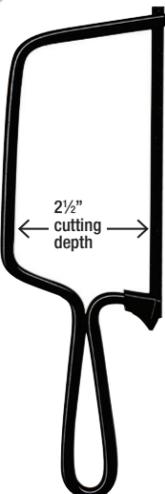
3-packs of 6" long replacement blades for mini/Jr. hack saws available:

TPI	Application
15	hard & soft wood
32	metal & plastic 3/32" and thicker



**35-680 Mini Hack Saw \$10.07**

Great for the tool box. Well balanced, handy saw with black steel frame and plastic grip handle. 9" overall length. Comes with 6" long, 32 TPI blade.



**35-600 Mini Hack Saw \$5.95**

Inexpensive yet handy saw with sturdy steel frame and finger guard for cutting metal. 9 1/2" overall length. Comes with 6" long, 32 TPI blade.



**SF63510 Professional Grade Coping Saw \$15.47**

Flat wire frame for tensioning standard pin end coping saw blades. Precise cuts in wood, plastic and metal. 12" overall length. 4 3/4" depth of cut. Blades can be turned 360° to saw in any direction. Comes with 6 1/2" long, 15 TPI blade.

4-packs of 6 1/2" long blades available:

TPI	Application
24	fine finish
15	all-purpose
32	non-ferrous metal

12-packs and 144-pc. bulk packs also available.

# Saw Frames & Blades



**35-750 Adjustable Jewelers Saw \$18.54**

Uses scroll, fret or jewelers blades of any size. Frame adjusts to extend the life of broken blades. Cuts all types of metal and plastic. Steel frame with chrome finish. 11 1/4" overall length. Comes with 5" long, 38 TPI blade.

12-packs of 5" long jewelers blades available:

TPI	Universal No.
61	3/0
56	2/0
51	0
48	1
43	2
41	3
38	4

Jewelers saws can also use ScrollSander Sanding Belts for wood, plastic, metal, and composites. These mini sanding belts can be used with hand fret saws and scroll saws that take 5" plain end blades.