

ZONA[®]

Prices
Effective
Jan. 1, 2014

Hobby Tools



Razor Saws

Ultra Thin Kerf Razor Saws

\$7.00

35-050 52 TPI

35-150 42 TPI

35-200 32 TPI

Cut on the pull stroke.

Blade Specs

.008" kerf (thickness)
4½" long x 7/16" cutting depth. Steel back for added stability.

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.



35-560 Deluxe Handle Fine Kerf Universal Razor Saw

Cut on the pull stroke.

Blade Specs 24 TPI
.010" kerf (thickness)
6½" long x 1¼" cutting depth. Steel back for added stability.

The 35-560 Deluxe Handle Razor Saw has a more substantial handle. 12¾" overall length.

This saw has been featured in *Fine Woodworking* and *Popular Woodworking* magazines and recommended by numerous woodworkers online, highly praised for its clean finish and excellent price. "...it shone like it had been planed", versatility "...great for detail work... and to cut dowels, define the limits of hinge mortise and rip wedges before driving them into a joint.", its affordable price, and for being "made in Bethel, CT".

Fine Kerf Universal Razor Saws

\$8.00

35-550 42 TPI

35-500 32 TPI

Cut on the pull stroke.

Blade Specs

.010" kerf (thickness)
6½" long x 1¼" cutting depth. Steel back for added stability.

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



35-300 Medium Kerf Woodcraft Saw

Cut on the pull stroke.

Blade Specs 24 TPI
.015" kerf (thickness)
6½" blade length x 7/8" cutting depth. Steel back for added stability.

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.



35-400 Medium Kerf Flush Cutting Saw

Cut on the pull stroke.

Blade Specs 16 TPI
.012" kerf (thickness)
6½" long x 1¼" 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.



35-350 Thick Kerf Woodcraft Razor Saw

Cut on the pull stroke.

Blade Specs 14 TPI
.020" kerf (thickness)
6½" long x 1¼" cutting depth. Steel back for added stability.

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



35-380 Thick Kerf Dovetail Razor Saw

Cut on the push stroke.

Blade Specs 18 TPI
.020" kerf (thickness)
8" long x 1¼" cutting depth. Steel back for added stability.

The Thick Kerf Dovetail Saw has Zona's longest razor saw blade and can be used for more forceful 'push stroke' cutting. 12½" overall length.

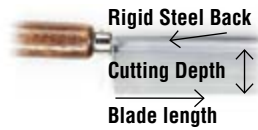


TPI (teeth per inch)
The more teeth per inch (TPI), the finer the cut. For example, blades with 42 TPI leave a smoother finish than those with 24 TPI.



Kerf
Refers to blade thickness or the width of the cut made by the blade in parting the material. Zona saws are available in 4 kerf sizes—
.008" Ultra Thin Kerf
.010" Fine Kerf
.012"–.015" Medium Kerf
.022" Thick Kerf

Length & Depth



Pull vs. Push
Cutting on the pull stroke:
Pulling, rather than pushing the saw through the wood, puts tension on the blade and makes it less likely to bend. Pull stroke blades tend to be thinner than push stroke blades and leave a smaller kerf (width of cut). These blades make faster, easier, cleaner cuts with finer control and less waste yet can still rip and cross-cut. A pull saw blade is ideal for precision woodworking, furniture making, craft and model making. The teeth do not clog with waste material during the cut. When the saw is pulled to cut and returned the blade cleans itself.

Cutting on the push stroke:
A push saw may be preferred for more forceful cutting and for dovetails because sawdust is pushed out the other side of the cut so that the markings are not obscured—while a pull saw may pull sawdust toward you, obscuring markings on the workpiece (which can be blown off during the strokes). A push saw is less steerable than a pull saw. This can be useful because once a cut is started, it stays in a straight line.

Razor Saw Sets



35-140
4-in-1 Saw Set
\$11.50

Versatile set comes with four replaceable blades:

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

36-458 Large Saber 24 TPI x .022" kerf, 4 1/2" long, ideal for inside cuts and for cutting through thick material including styrofoam.

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

36-555 Fine Kerf 32 TPI .010" kerf, 5 1/2" long x 1 3/16" deep

Removable, replaceable blades attach with a knurled nut. The 4-in-1 offers the best value. 11" overall length.



35-450
Saber Saw Set
\$8.50

Comes with three 24 TPI, .022" kerf blades:

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.



35-130
Deluxe Handle 4-in-1 Saw Set
\$13.80

Versatile set comes with four replaceable blades plus substantial hardwood handle.

Removable, replaceable blades attach with a knurled nut. See 4-in-1 blade descriptions at left. 11 1/4" overall length.



35-100
3-in-1 Saw Set
\$9.50

General purpose set comes with three replaceable blades:

36-119 Ultra Thin Kerf .008" 32 TPI x 4 1/2" long x 1/2" deep

36-129 Medium Kerf .015" 24 TPI x 4 1/2" long x 7/8" deep

36-408 Keyhole Saber (push) 24 TPI x .022" kerf x 2 1/4" long

Removable, replaceable blades attach with a knurled nut. 11" overall length.

Replacement Blades *Only fit Razor Saw Sets on this page.*

Part No.	Blade	Price	TPI	Kerf	Length	Depth	Comes in Set
36-050	Ultra Thin	\$1.90ea	52	.008"	4 1/2"	7/16"	35-130, 35-140
36-119	Ultra Thin	1.90ea	32	.008"	4 1/2"	1/2"	35-100
36-129	Medium	1.90ea	24	.015"	4 1/2"	7/8"	35-100
36-406	Keyhole Saber (pull)	2.40/3-pk	24	.022"	2 1/4"	n/a	35-450
36-408	Keyhole Saber (push)	2.40/3-pk	24	.022"	2 1/4"	n/a	all sets on this page
36-458	Large Saber	1.20ea	24	.022"	4 1/2"	n/a	35-450, 35-130, and 35-140
36-555	Fine	2.10ea	32	.010"	5 1/2"	1 3/16"	35-130, 35-140

Miter Boxes

For cutting square ends,
perfect splices and mitered corners.

Part No.	Price	Slot Width	Cutting Angles	Cutting Depth	Cutting Width	Overall Length
35-250 Mini Miter Box	\$5.80	.012"	30° 45° 90°	1/4"	1 1/2"	6 1/2"
Use with Ultra Thin Kerf Saws 35-050, 35-150, 35-200						
37-240 Thin Slot Miter Box	19.10	.014"	30° 45° 90°	7/8"	2"	6 1/2"
Use with Fine Kerf Saws 35-500, 35-550 and 35-560						
35-260 Wide Slot Miter Box	12.20	.031"	45° 90°	3/4"	1 3/4"	5 1/2"
Use with any Zona Razor Saw or with junior/mini hack saws shown opposite.						

**35-250
Mini
Miter Box
\$5.80**



**37-240
Thin Slot
Miter Box
\$19.10**



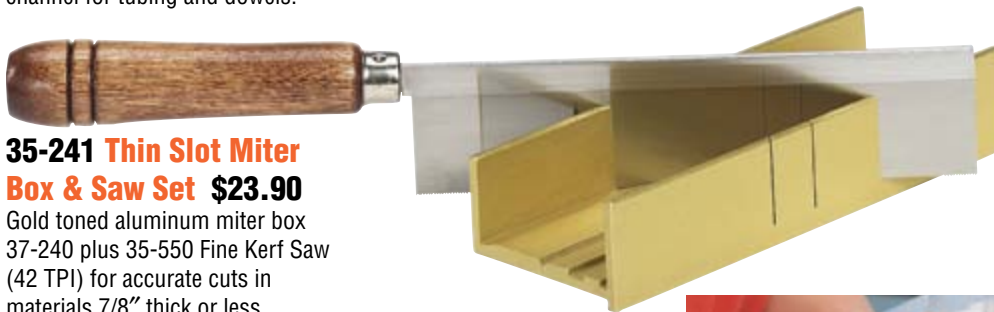
**35-260
Wide Slot
Miter Box
\$12.20**



35-251 Mini Miter Box & Saw Set \$11.50

Plastic molded miter box 35-250 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.

Miter Box/ Razor Saw Sets



35-241 Thin Slot Miter Box & Saw Set \$23.90

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



35-221 Thin Slot Miter Box & Deluxe Handle Saw Set \$26.50

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

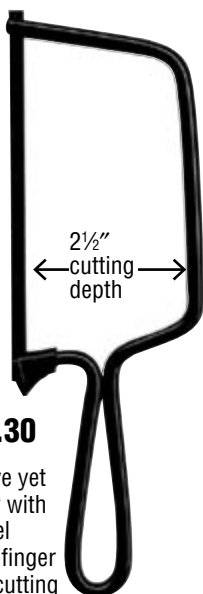




35-650 Deluxe Junior Hack Saw \$12.20
 This saw has a blade tensioning end screw for easy installation and tensioning. Cuts wood, plastic and metal. Comfortable plastic molded handle. 9 1/8" overall length. Comes with 6" long, 32 TPI blade.

Replacement Mini/Junior Hack Saw Blades \$2.70/3-pk

Part No.	Width x Kerf x TPI
36-656	.250" x .015" x 15 for hard & soft wood
36-657	.250" x .015" x 32 for metal & plastic 3/32" and thicker

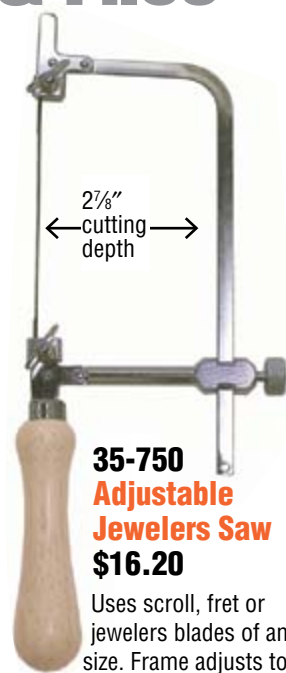


35-600 Mini Hack Saw \$4.30
 Inexpensive yet handy saw with sturdy steel frame and finger guard for cutting metal. 9 1/2" overall length. Comes with 6" long, 32 TPI blade.



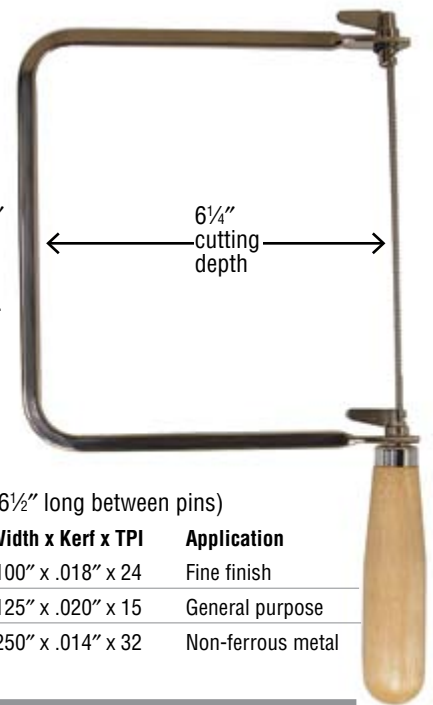
35-680 Mini Hack Saw \$8.80
 A must for any tool box. Well balanced, handy saw with black steel frame and plastic grip handle. 9" overall length. Comes with 6" long, 32 TPI blade.

Saw Frames, Blades, Sanders & Files



35-750 Adjustable Jewelers Saw \$16.20
 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.

35-670 Coping Saw \$11.50
 Flat wire frame for tensioning standard pin end coping saw blades. Precise cuts in wood, plastic and metal. 12" overall length. 6 1/4" depth of cut. Blades can be turned 360° to saw in any direction. Comes with 6 1/2" long, 15 TPI blade.



Replacement Coping Saw Blades (6 1/2" long between pins)

Part No.	Price/4-pk	Width x Kerf x TPI	Application
36-676	\$1.90	.100" x .018" x 24	Fine finish
36-678	1.90	.125" x .020" x 15	General purpose
36-679	3.00	.250" x .014" x 32	Non-ferrous metal

NEW! 36-542 Scroll Saw File \$6.00/2-pk

5 1/4" long files sand, smooth and shape hard/soft wood, plaster, ceramics, soapstone, copper, brass and other non-ferrous metals. Made from durable, tempered spring steel core coated with silicon carbide abrasive, they fit the 35-750 Adjustable Jewelers Saw, most scroll saws that take 5" Plain End blades, pin vises, craft knife handles, and hand fret saws.

NEW! Scroll Sanders \$8.50/4-pk

ScrollSander sanding belts smooth the edges of wood, plastic, metal, and composites. These fabric-backed belts have molded poly carbonate ends for mounting on the 35-750 Adjustable Jewelers Saw, hand fret saws and scroll saws that take 5" Plain End blades. They work in curves, concave or convex edges. 5 3/8" long. Choose from 1/2" or 1/4" widths listed below.



1/2" wide Scroll Sanders

4-pack Part No.	Grit
36-531	80 - Coarse
36-532	120 - Medium
36-534	180 - Fine
36-536	220 - Extra Fine
36-530	1 ea. - 80, 120, 180 & 220

1/4" wide Scroll Sanders

36-522	120 - Medium
36-524	180 - Fine
36-526	220 - Extra Fine
36-520	2 ea. - 120, 1ea. - 180 & 220

Replacement Jewelers Saw Blades \$6.90/12-pk

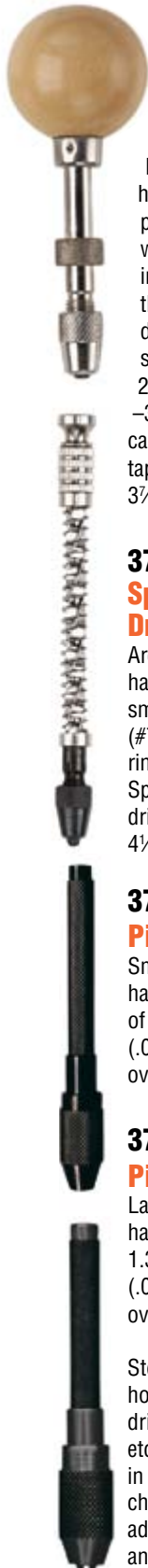
5" long with regular teeth, these blades fit the 35-750 Adjustable Jewelers Saw

Part No.	Width x Kerf x TPI	Universal No.
36-475	.019" x .0095" x 61	3/0
36-476	.020" x .010" x 56	2/0
36-478	.022" x .011" x 51	0
36-480	.028" x .013" x 43	2
36-481	.030" x .014" x 41	3
36-482	.031" x .015" x 38	4

Metal Cutting Blade for Jewelers Saw \$12.70/12-pk

36-479	.024" x .012" x 48	1
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Pin Vises



37-120 Revolving Tool Holder \$9.00

Ball-shaped pin vise head fits into the palm of the hand, while thumb and index finger twist the chuck. Useful for drilling larger holes in soft stock. Includes 2 collets with 1/64" - 3/32" diameter capacity. For drills, taps and reamers. 3 7/8" overall length.

37-160 Spiral Hand Drill \$10.20

Archimedean or spiral hand drill for use with small wire size drills (#70 to #80). Push ring down to turn drill. Spring return makes drilling fast and easy. 4 1/4" overall length.

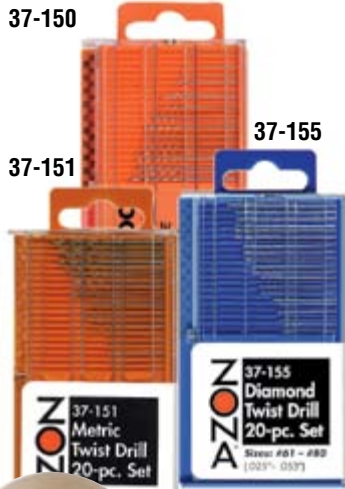
37-170 Small Pin Vise \$6.90

Small Steel Pin Vise has chuck capacity of .8 to 1.5mm (.03" - .06"). 3 3/8" overall length.

37-180 Large Pin Vise \$7.60

Large Steel Pin Vise has chuck capacity of 1.3 to 3.1mm (.05" - .125"). 3 7/8" overall length.

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



37-130 Tool Holder \$8.70

Ideal for use with small tools including chisels, files, reamers, beading tools, burs and gravers. Includes 2 collets with capacity range of 1/64" to 3/32" diameter. 3 7/8" overall length.

37-140 Swivel Head Pin Vise \$8.70

Comes with two double-ended collets in the handle with 0" to .125" (1/8") capacity range. Hexagonal head keeps vise from rolling off of work surface. Holds small tools with round shanks including drills, burs, reamers, taps, needles, scribes, etc. Revolving head makes drilling fast. 4" overall length.

37-145 Double Ended Pin Vise \$7.80

Comes with 2 reversible steel chucks. 3 7/8" overall length. Four chuck sizes for drills, miniature reamers, files and small tools: 0"-.05", .03"-.08", .05"-.10", and .07"-.11".

Twist Drills

37-150 20-Pc High Speed Steel Twist Drill Set \$16.30

Miniature drill set in plastic dispenser with one each of high speed twist drills in wire gauge #61 - #80 (.025" - .053"). For use in small pin vise and other hand tools that hold wire gauges or in rotary handpiece with micro chucks.

37-151 20-Pc Metric High Speed Steel Twist Drill Set \$16.30

Miniature twist drill set in plastic dispenser with one each of high speed twist drills in metric sizes from 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. For use in small pin vise, other hand tools or in rotary handpieces with micro chucks.

37-155 20-Pc Diamond Twist Drill Set \$16.30

Diamond coated, wire gauge twist drill set in plastic dispenser. These straight shank drills are made of high quality steel with diamond coating. Set contains one each of drills #61 - #80 (.025" - .053").

Wire Gauge	Decimal" Equivalent	Metric (mm) Equivalent
61	.0390	0.99
62	.0380	0.97
63	.0370	0.94
64	.0360	0.915
65	.0350	0.890
66	.0330	0.84
67	.0320 (1/32")	0.813
68	.0310	0.788
69	.0292	0.741
70	.0280	0.711
71	.0260	0.660
72	.0250	0.635
73	.0240	0.610
74	.0252	0.5715
75	.0210	0.533
76	.0200	0.508
77	.0180	0.457
78	.0160 (1/64")	0.464
79	.0145	0.368
80	.0135	0.343

Hobby Knives

39-910 Soft Grip Knife \$6.10

Comes with No.11 blade.

39-920 Soft Grip Knife Set \$8.50

Comes with 5 hobby blades. No.11 blade in handle and four 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. Safety cap protects blades and fingers.



Replacement Hobby Blades

39-921 No. 11 \$3.50

5-pk

39-929 No. 11 \$38.20

Bulk 100-pk

39-922 No. 16 \$3.00

5-pk

39-923 No. 10 \$3.50

5-pk

39-924 No. 13 \$3.00

Micro Saw (42 tpi) 5-pk

39-925 No. 33 \$3.20

Micro Saw (32 tpi) 5-pk

Can also be used in pin vises.



39-850 Retractable Knife Set \$5.80

Comes with 6 hobby blades.

This knife is made from durable high-impact polycarbonate plastic. Retracting feature makes it easier for one-handed operation and safer to carry. Comes with No.11 blade in the handle & five additional No.11 hobby blades in plastic tube.



Tweezers, Pliers & Clamps

Five styles of quality tweezers for hobbies, modeling, assembly, jewelry making and gluing projects. Available individually and in a Set packed in sturdy reusable plastic case.

37-542
Fine Point
4¼" long
\$5.30

37-543
Flat Blade
4¾" long
\$5.30

37-547
Slide Locking
4¾" long
\$6.40

37-548
Curved Point
4½" long
\$6.40

37-549
Cross Locking
4¾" long
\$5.30

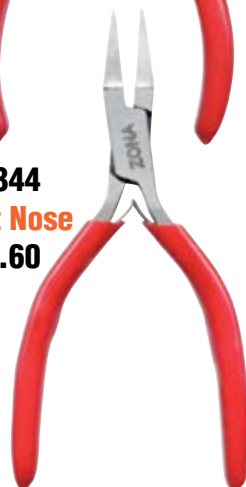
37-540
5-Pc. Tweezer Set
\$24.40



37-341
Diagonal Cutting
\$10.60

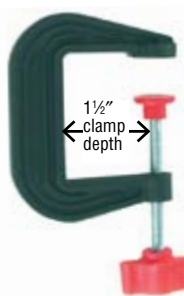


37-344
Flat Nose
\$10.60



Use Zona's pliers for assembly work in model making, jewelry and electronic applications. They have box joint construction for maximum strength and accuracy, perfectly aligned jaws and points, perfectly aligned jaws and points and comfortable grips with spring openings. Both are 4½" long overall.

37-220
Large C-Clamp
1½" max. opening
\$3.20



37-215
Small C-Clamp
5/8" max. opening
\$2.90



Value priced, plastic c-clamps are lightweight, easy to use and come in two sizes. Model builders and miniaturists will want several sets of these on hand.

Set with one of each size is also available (37-230 \$5.20)



38-725
Berna® Hobby Clamp Assortment
\$20.40

Includes 3 clamps— 2 large and 1 small, connector strips for extending capacity of width and instructional brochure. Display packaged. \$25.30 Retail Value.

38-720
Large Hobby Clamp
8" beam
\$7.20



38-710
Small Hobby Clamp
3" beam
\$6.00



38-720 clamps have 8" long beams and **38-710** have 3" beams. Each clamp consists of—
• a high density carbon fiber beam
• two poly carbonate jaws
• two flexible, heat resistant silicone rubber buffers
• two silicone rubber stops



Berna Clamps are made of technologically advanced materials used in the aircraft industry and were developed in France by Dr. Berna.

Use Berna Clamps for:

- Delicate repair jobs.
- Hands free gluing, brush or spray painting – even soldering and brazing work.
- Make jigs to hold workpieces in place securely.
- Spreading tools by reversing the direction of the buffers to conform to unusual shaped objects.
- Jigs for models using multiple clamps and connectors.
- Hold down tools with a beam, one jaw, and a hole drilled in your workbench.
- Pressing on hard-to reach surfaces with multiple clamps for increased holding power.



Berna® Hobby Clamp Components

Part No.	Description	Price
38-751	Strip of 12 Connectors	\$3.50
38-753-12	Rubber Stop 12-pk	2.10
38-754-12	Jaw Buffer 12-pk	7.40
38-755-6	3" Beam 6-pk	8.50
38-756-6	8" Beam 6-pk	18.60
38-757-6	3" Jaw 6-pk	8.80



37-200 Zinc Die Cast Mini Vise \$26.00

Grips small workpieces for precise drilling on the table top. Horizontal and vertical "v" grooves for small round pieces. Slots in base for mounting to workbench. (Mounting hardware included. Accepts #8 screws.) 4 1/4" long x 2 3/8" wide x 1 1/2" high. Jaw width- 1 1/4". Jaw height- 1/2". Jaw capacity- 1 1/2". Mounting slots- 11/64" x 1 1/8".



37-210 Plastic Mini Vise \$18.00

Lightweight plastic vise with stainless steel threaded shaft for advancing jaw won't rust. For projects that require the use of water such as drilling, sanding or shaping shell or stone. 4 1/4" long x 3 1/8" wide x 1 3/4" high. Jaw width- 1 3/4". Jaw height- 3/4". Jaw capacity- 1 1/2". Mounting holes 15/64" dia. for #12 screws.

Mini Vises, Vise Pads

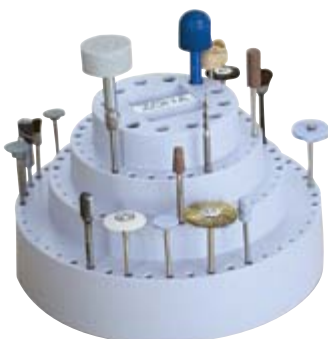


37-375 Vinyl Acetate Soff Jaws™ \$8.40

3 1/2" long Soff Jaw bench vise pads attach to any 3" or 4" vise with magnetic strips. They have cushioned pads made of vinyl acetate or leather that grip odd shapes and prevent marring of polished or painted surfaces and threaded parts.

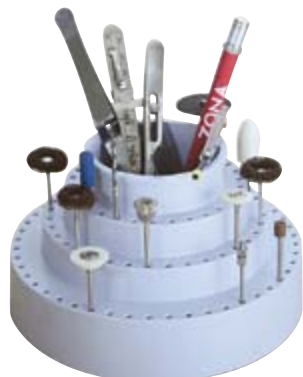


37-376 Leather Soff Jaws™ \$8.40



37-860 Rotating Bur Holder \$16.50

Organizes 126 all size burs including 1/16", 3/32", 1/8", and 1/4" shank accessories. Measures 6 1/2" wide x 4" high. Burs not included.



37-865 Rotating Bur & Tool Holder \$16.50

Organizes 114-3/32" burs. Measures 6 1/2" wide x 4" high with a 2 3/4" center cup (3" deep) to hold small tools. Burs & tools not included.



37-880 Round Bur Holder with Cover \$4.00

Stores 3/32" and 1/8" shank burs. 24 holes for each size shank. Holds burs up to 2" long. Dimensions: 2 1/2" dia. x 2 1/2" high. Burs not included.



37-870 Rotating Bur & Tool Holder \$16.50

NEW! Organizes up to 112 burs. Stores: 92-1/8" shank and 13- 1/4" shank burs. Has 7 marked holes for drill bits 1/16"-5/32". 3" deep x 2 3/4" dia. center cup holds small tools such as files and screwdrivers. Dimensions: 6 1/2" wide x 4" high. Burs & tools not included.



37-890 Square Bur Holder with Cover \$4.00

Stores 34-3/32" and 18-1/8" shank burs. Holds burs up to 2" long. Dimensions: 2 1/2" sq. x 2 1/4" high. Burs not included.

Mini Hammers



37-108 2-oz. Mini Ball Peen Hammer \$9.50

Overall length 8 3/4".

37-109 1-oz. Mini Ball Peen Hammer \$9.00

Overall length 8 1/2".

37-110 Mini Riveting Hammer \$9.00

Overall length 8 1/2".

Organize, Measure & Oil



37-433 3" Triangle \$8.40

L-Square and Triangle are made from .022" thick stainless steel with 3/32" measuring intervals and metric equivalents on back.



36-105 Precision Oiler \$5.80

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

NEW! 36-100 EMPTY Precision Oiler \$5.25

Ideal for hobbyists who prefer to supply their own lubricants.



37-434 3" x 4" L-Square \$8.40

5-pc Diamond Needle File Sets NEW!

Diamond File Sets provide aggressive yet precise shaping for any hobby on glass, metal, ceramics, marble, wood, plastics, stone, bone etc. Sets packed in sturdy reusable plastic case.



37-352 Fine Point Diamond File Set \$18.50

Fine Point Round Taper

Triangle Taper

Square Taper

Round Taper

1/2 Round Taper



37-354 Flat Shape Diamond File Set \$18.50

Triangle Taper

Flat Taper

Flat

Knife Taper

Oval Taper



3M Micron Graded Wet/Dry Polishing Paper

3M's polishing papers have super flexible non-woven backings for easy polishing of flat and contoured surfaces of acrylic, polyurethane, solid surface composites, fiberglass, aluminum, precious metals, finished wood and other soft materials.

Can be used with or without water. For best results work in sequence from the most coarse to the finest grade. Papers can be cut into strips for use on Zona's Sanding Sticks, or taped using 37-959 Super Bond Film Tape and made into rolls for use on the Finger Sanders.

Comes in six micron grades from: 1 (finest) to 30 (coarsest) microns in packs of 10 per grade or a 6-pc assortment pack of sheets in each grade (37-948).

Sheets measure 8 1/2" x 11".

10-Sheet Packs \$21.60 ea.

Part No.	Micron / Color	Abrasive
37-941	1 / white	Aluminum Oxide
37-942	2 / aqua	Aluminum Oxide
37-943	3 / pink	Aluminum Oxide
37-944	9 / light blue	Aluminum Oxide
37-945	15 / gray	Silicon Carbide
37-946	30 / green	Silicon Carbide

37-320 Spoke Shave \$6.90

One piece metal construction with adjustable blade. For shaping and smoothing the round surfaces of wooden rods and shafts such as wheel spokes, chair legs, arrows, canoe paddles, surfboards, etc. 3 1/2" total width.

37-323 Spoke Shave Replacement Blades \$3.60/2-pk 7/8" wide x 5/8"



Sand, Polish & Shape

37-750 1" wide Sanding Stick \$9.20

5 1/2" long sanding surfaces



37-770 1/2" wide Sanding Stick \$9.20



37-790 3/4" wide Finger Sander \$4.60

37-795 1 1/2" wide Finger Sander \$5.80



Sanding sticks (10" overall length) with molded plastic handles come in two widths— 1/2" and 1". Both are packed with an 11" long, 120 grit cloth back sandpaper strip. Replacement strips are available in packs of 10 per grit. There is also an assortment pack with 2 of each grit. Emery paper cut from 9" x 11" sheets or 1" wide rolls can also be used with the sticks.

Cloth Back Paper for 1/2" Sanding Stick \$4.90/10-pk

37-786	80 coarse
37-787	120 medium
37-788	180 fine
37-789	220 extra fine
37-785	400 ultra fine
37-782	Assortment 2 each of above

Cloth Back Paper for 1" Sanding Stick \$5.30/10-pk

37-766	80 coarse
37-767	120 medium
37-768	180 fine
37-769	220 extra fine
37-765	400 ultra fine
37-762	Assortment 2 each of above

Zona's spring-loaded finger sanders have a unique shape for preparing both curved and straight surfaces. Both come with 320 grit sandpaper. Overall Lengths: 37-790 is 5 1/4" and 37-795 is 5 1/2".

3/4" wide Replacement Bands for 3/4" sander 4.60/4-pk

37-791	150 coarse
37-792	240 medium
37-793	320 fine

6-pc. Assortment \$6.90

37-780 2 each of above

1 1/2" wide Replacement Bands for 1 1/2" sander \$4.60/3-pk

37-796	150 coarse
37-797	240 medium
37-798	320 fine

6-pc. Assortment \$9.10

37-799 2 each of above

37-794 Finger Sander Master Set \$15.40

Includes both sanders plus 8 additional sandpaper bands— 2 ea. of 150 and 320 grit to fit both sanders.

37-948 6-Sheet Assortment \$12.80

one of each grade at left

37-959 Super Bond Film Tape \$13.00

1" wide x 108' long



35-125 Zona Spinner Rack packed with 60 different Zona hobby tools & sets
 (a total of 140 tools and – a total retail value of \$1,162.50)
Buy the tools and the rack is FREE!

tier 1



35-050 35-140 35-200 35-241 35-400 35-251 35-500 35-550 36-676 35-670 36-678 35-560

tier 2



35-100 35-150 35-250 35-260 35-300 35-450 35-600 36-657 35-650 36-656 38-725 38-710

tier 3



37-120 37-130 37-140 37-145 37-160 37-170 37-320 37-323 37-434 37-433 39-921 39-925

tier 4



36-105 37-150 37-230 37-341 37-344 37-540 37-549 37-542 37-548 39-920 39-920 37-210

tier 5



36-542 35-750 36-479 37-750 37-762 37-794 37-793 37-796 37-948 37-109 36-520 36-530

tier 1 quantity

35-050 Ultra Thin Kerf Razor Saw–52 TPI	2
35-140 4-in-1 Saw Set	2
35-200 Ultra Thin Kerf Razor Saw–32 TPI	2
35-241 Thin Slot Miter/Fine Kerf Saw	2
35-400 Flush Cut Razor Saw	2
35-251 Mini Miter /Ultra Thin Kerf Razor Saw	2
35-500 Fine Kerf Razor Saw–32 TPI	2
35-550 Fine Kerf Razor Saw–42 TPI	2
36-676 Coping Saw Blades–24 TPI–4-pk	4
35-670 Coping Saw Frame	2
36-678 Coping Saw Blades–15 TPI–4-pk	4
35-560 Deluxe Fine Kerf Razor Saw–24 TPI	2

tier 2

35-100 3-in-1 Saw Set	2
35-150 Ultra Thin Kerf Razor Saw–42 TPI	2
35-250 Mini Miter Box	2
35-260 Wide Slot Miter Box	2
35-300 Woodcraft Saw–24 TPI	2
35-450 Saber Saw Set	2

tier 2 continued quantity

35-600 Mini Hack Saw Frame	2
36-657 Mini/Jr. Hack Saw Blades–32 TPI	4
35-650 Deluxe Junior hack Saw Frame	2
36-656 Mini/Jr. Hack Saw Blades–15 TPI	4
38-725 Berna Hobby Clamp Assortment	2
37-710 3" Berna Clamp	2

tier 3

37-120 Revolving Tool Holder	2
37-130 Tool Holder	2
37-140 Swivel Head Pin Vise	2
37-145 Double Ended Pin Vise	2
37-160 Spiral Hand Drill	2
37-170 Small Pin Vise	2
37-320 Spoke Shave	2
37-323 Spoke Shave Blades 2-pk	2
37-434 L-Square	3
37-433 3" Triangle	3
39-921 No. 11 Hobby Blades –5-pk	4
39-925 Micro Saw Blades–32 TPI –5-pk	4

tier 4 quantity

36-105 Precision Oiler	3
37-150 High Speed Twist Drill Set–20-pc	2
37-230 C-Clamp Set of 2	2
37-341 Diagonal Cutting Pliers	2
37-344 Flat Nose Pliers	2
37-540 Set of 5 Tweezers	2
37-549 Cross Locking Tweezers	2
37-542 Fine Point Tweezers	2
37-548 Curved/Fine Point Tweezers	2
39-920 Hobby Knife & 5 No. 11 Blades	3
39-920 Retractable Hobby Knife & 6 Blades	3
37-210 Plastic Mini Vise + Stainless Steel Screw	2

tier 5

36-542 Scroll Saw files – 2-pk	4
35-750 Adjustable Jewelers Saw Frame	2
36-479 Jewelers Saw Blades 48 TPI –12-pk	4
37-750 1" wide Sanding Stick	2
37-762 Assorted Refill Paper for 37-750	2
37-794 Finger Sander Set & Refills	2

tier 5 continued quantity

37-793 3/4" Finger Sander Refill Bands	3
37-796 1-1/2" Finger Sander Refill Bands	3
37-948 3M Polishing Paper Assortment	2
37-109 Mini Ball Peen Hammer	2
36-520 1/4" wide ScrollSander Asst.–4-pk	2
36-530 1/2" wide ScrollSander Asst.–4-pk	2

Zona's spinner rack is a complete hobby tool center stocked with a full selection of tools for hobby, craft, and assembly projects.

The spinner rack including the header at the top stands 6'3" tall with a 20" base. Comes with hooks and instructions for set-up.



The Zona Planogram

35-990 Master Planogram – 2 of each sku (both sides) \$693.80
contains ALL items in 35-991 and 35-992

35-991 Saw Planogram – 2 of each sku (left side) \$258.60

- Top Row:** 35-500 Fine Razor Saw, 32 TPI, .010" kerf
 35-140 4-in-1 Saw Set with blades: 36-555, 36-050, 36-458, 36-408
 35-100 3-in-1 Saw Set with blades: 36-119, 36-129, 36-408
 35-450 Saber Saw Set with blades: 36-458, 36-408, 36-406
- Row 2:** 35-241 Fine Kerf Saw 35-550 & Aluminum Thin Slot Miter Box
 35-251 Ultra Thin Saw 35-200 & Plastic Mini Miter Box
 35-250 Plastic Mini Miter Box
- Row 3:** 35-050 Ultra Thin Razor Saw, 52 TPI, .008" kerf
 35-560 Deluxe Handle Fine Razor Saw, 24 TPI, .010" kerf
 35-400 Medium Flush Cut Saw, 16 TPI, .012" kerf
 35-300 Medium Woodcraft Saw, 24 TPI, .015" kerf
 35-260 Aluminum Wide Slot Miter Box

35-992 Tool Planogram – 2 of each sku (right side) \$435.20

- 37-150 High Speed Twist Drill Set, 20-pc
 37-540 Tweezer Set, 5-pc
 37-140 Swivel Head Pin Vise, 4 Jaw
 37-120 Revolving Tool Holder with 2 chucks
 37-160 Spiral Drill
 37-320 Spoke Shave
- Row 2:** 37-155 Diamond Drill Set, 20 drills: #61– #80
 37-434 L-Square, 3" x 4", stainless steel
 37-109 Mini Ball Peen Hammer, 8½" long
 39-920 Hobby Knife w/No. 11 blade and blade assortment
 39-921 Hobby Blades, No.11, 5-pk
- Row 3:** 37-750 Sanding Stick, 1" wide
 37-762 Sandpaper for 1" wide Sanding Stick, assorted, 10-pk
 37-210 Plastic Mini Vise, Jaw Capacity 1½"
- Row 4:** 38-725 Berna Assembler Assortment Set
 35-670 Coping Saw
 36-676 Blades, Coping, 24 TPI, 4 pack
 35-600 Mini Hack Saw
 36-657 Mini/Junior Hack Saw Blades, 32 TPI, 3-pk
 35-750 Adjustable Jewelers Saw
 36-475 Jewelers Saw Blades, Universal No. 3/0, 61 TPI

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Berna® Hobby Clamps, C-Clamps 7

Soff Jaws™ Bench Vise Pads, Mini Vises,
Bur Holders, Mini Hammers,
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ZONA® Tool Company

16 Stony Hill Road, Bethel, CT 06801 USA

Phone: 800-272-2885 or 203-792-8622

Fax: 203-796-7861

www.zonatool.net

All prices are subject to change without notice.



38-700 Hobby Tool Kit \$31.00

Kit includes 35-251 Mini Miter Box and ultra thin kerf 32TPI Razor Saw for cutting square ends, perfect splices and mitered corners in materials 1/4" thick or less. Also comes with 37-140 Swivel Head Pin Vise, 37-548 Curved Point Tweezers, 39-850 Retractable Knife with 6 hobby blades, and 37-434 3" x 4" L-Square.

The original **Zona Razor Saws** were made back in the 1950's by a company in Arizona (hence the name "Zona"). Zona's production moved to California and was acquired in the late '90's by Blackstone Industries, Inc. of Bethel, CT. The acquisition was a good fit since Olson Saw Co. — another manufacturing division of Blackstone Industries— was already making the razor saw blades for Zona's razor saws. Since joining Blackstone, Zona has expanded its line of razor saws and introduced many small hand tools used by hobbyists, model builders, artisans, craftsmen, furniture makers, and do-it-yourselfers.



Foredom flexible shaft rotary power and other bench top tools are used to grind, deburr, sand, polish, buff, drill and carve on metal, wood, gemstones, glass, ceramics, marble, porcelain, die stone, composites — virtually any material. Used by: Jewelers, Industrial & Machine Shop Operators, Lab Techs, Woodcarvers, Woodworkers, Sculptors, Fine Crafters, and D-I-Y-ers. Plus the most comprehensive selection of quality rotary burs, bits, cutters and other accessories for Foredom, Dremel®, Ryobi®, Black & Decker® and other grinders.
www.foredom.net

Blackstone Industries' other manufacturing divisions:

Online at:
www.blackstoneind.com



Olson Saw makes AllPro®, MVP and other commercial-grade band saw blades in a wide range of sizes and specs, plus the world's most extensive selection of quality scroll saw blades including PGT® — Precision Ground Tooth, Mach, and other 5" long plain end and pin end blades. Cool Blocks® band saw blade guides and other band/scroll saw accessories, hand held saw frames, blades for jewelers, coping and mini hack saws.
www.olsonaw.net