

LEICHTUNG^{INC.}

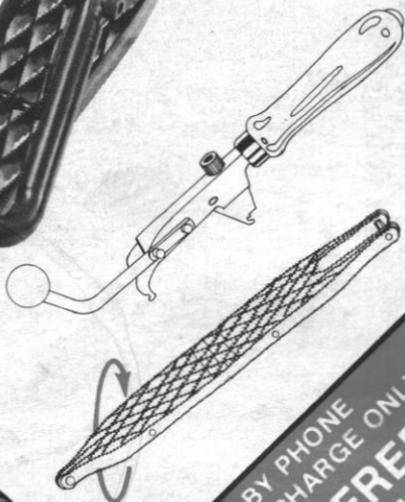
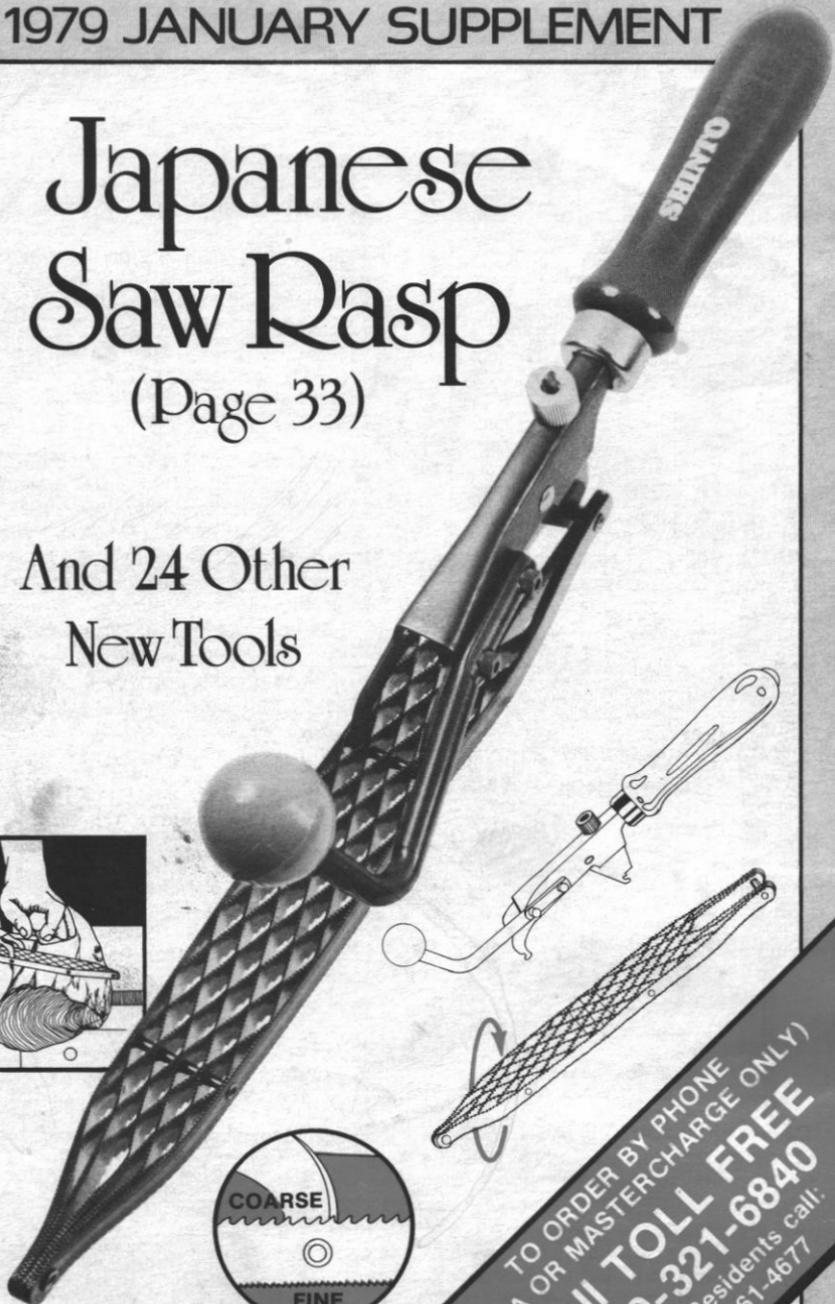
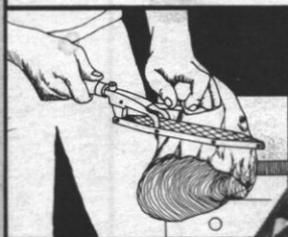
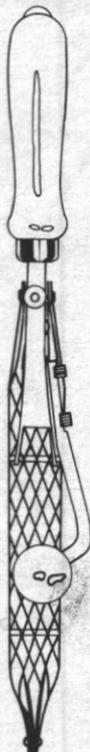
"THE Workbench People"

1979 JANUARY SUPPLEMENT

Japanese Saw Rasp

(Page 33)

And 24 Other
New Tools



TO ORDER BY PHONE
(VISA OR MASTERCARD ONLY)
Call TOLL FREE
800-321-6840
Ohio Residents call:
216-461-4677



3500

To Drill Into Wood ? Use A Woodbit !

Sounds obvious, doesn't it? Yet, we bet you can't find a single store in town that sells a **real** woodbit. The bits you do find are designed to drill into metal. Sure they'll drill holes in wood but the danged things "walk" all over the place so that you can't put the hole where you want it.

Place our brad point bit directly into the center of your "X" and put the hole **precisely** where you want it. The very sharp flutes of our woodbit shave the hole sides clean, straight and perfectly round. Excellent chip ejection prevents binding. Chrome-Vanadium alloy set includes $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$ and $\frac{1}{2}$ " sizes. Shanks $\frac{5}{16}$ " through $\frac{1}{2}$ " fit any $\frac{3}{8}$ " chuck. Lengths from $2\frac{3}{4}$ - $5\frac{1}{4}$ ". Made by German professionals for professionals and "wood-be" professionals.

3500 - 7 Piece Bit Set \$14.95



MATCHING DEPTH ADJUSTING COLLARS- Get the precision of a costly drill press for less than \$10.00. Here's how it works: Figure the desired depth of the hole; slip the collar over the bit to that depth; fix the collar position with the set screw - and drill. This set has a collar to fit each bit in the #3500 woodbit set. Tool steel, made by the same professionals who made the bits.

2108 - 7 Pc. Depth Collar Set \$8.95

BUY BOTH BITS AND COLLARS AND SAVE \$2.00
3521 - 7 Piece Bit Set With Matching Collars... \$21.90

2108

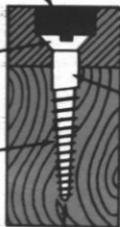


5211

Counterbores for wood plug or putty

Counter-sinks for Screw Head

Drills hole for Screw Thread



Drills hole for Screw Body

Drills any pre-set depth, for correct length automatically

DRILL AND COUNTERBORE SET -

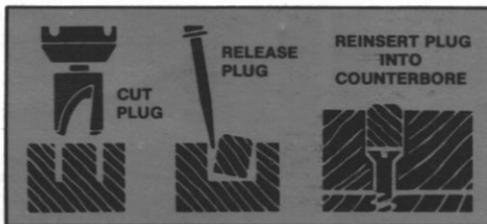
Completely prepare wood to receive any length wood screw in one single operation. These fit any $\frac{1}{4}$ " or larger power drill and may be adjusted for different depths to accommodate various screw lengths. Four piece set with drill and counterbore for any length and head style of screw (#6-12). Instructions included.

5211 - Drill and Counterbore Set \$6.95

SET OF 3 PLUG CUTTERS -

Hide unsightly holes where screws, nuts and nails were inserted by cutting a perfectly formed wooden plug from scrap material to fill the hole. If plug is made from same stock as workpiece, stains match perfectly. No need for hard-to-use wood doughs. Shank is $\frac{1}{4}$ ". For 3 most popular sizes: $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ".

7567 - Plug Cutters \$13.95





Big Woodbits



Our #3500 Woodbit Set, on the opposite page, is so popular that many customers have asked for larger sizes . . . so here they are. These are really top quality professional cutting tools. Primarily for use in a drill press; they can be used in any powerful portable drill with a $\frac{3}{8}$ " or larger chuck. Each bit in its own wallet.

| ITEM # | SIZE | LENGTH | PRICE |
|----------------------|-----------------|------------------|--------|
| 3558 | $\frac{5}{8}$ " | 7" | \$9.95 |
| 3534 | $\frac{3}{4}$ " | $7\frac{7}{8}$ " | 11.50 |
| 3578 | $\frac{7}{8}$ " | $7\frac{7}{8}$ " | 12.95 |
| 3510 | 1" | $7\frac{7}{8}$ " | 14.50 |
| 3535 - All four bits | (SAVE \$8.95) | | 39.95 |

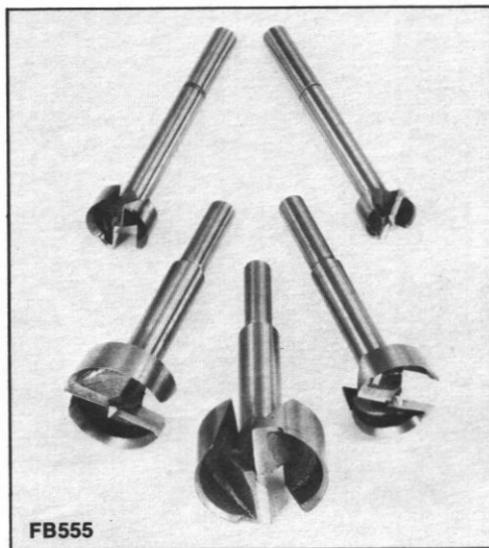
Relative sizes of the 1" woodbit and the $\frac{1}{2}$ " woodbit (see #3500 on page 2).

Forstner Bits

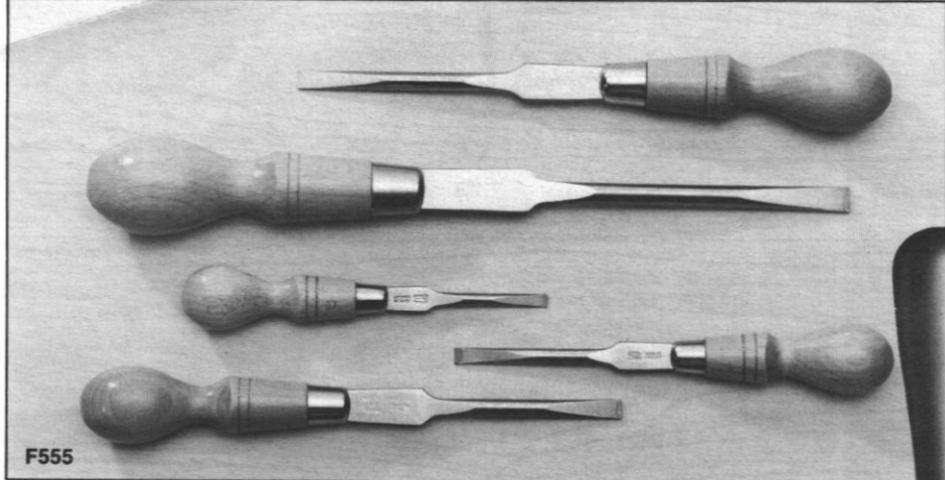
These German precision bits should be better known because they make some very difficult jobs very easy. Forstner bits are primarily used where a perfectly flat-bottom hole is needed. They produce smooth, polished holes of very precise size to exact depths. Ideal for chair or ladder rung holes.

Also used for making large holes in heavy timber or holes for recessed bolt heads.

Thru-holes for door locks or blind holes for plugs above countersunk screws are a breeze. A good idea, when rabbetting or grooving, is to drill holes of exact width and depth first, to prevent splitting. Any $\frac{3}{8}$ " (or larger) chuck will accept the shanks. All bits $\frac{3}{2}$ " long. Carbon tool steel.

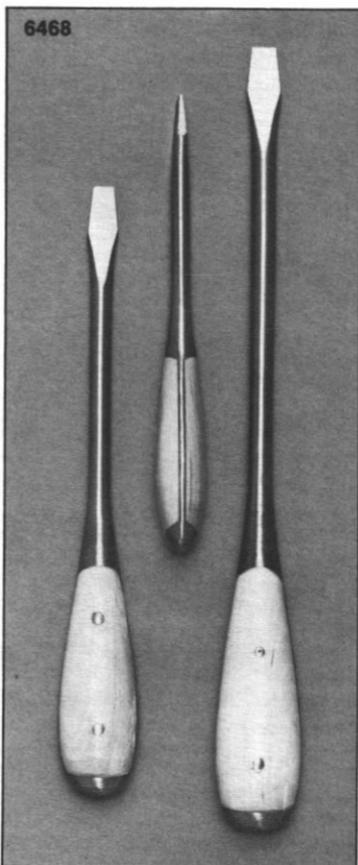


| | |
|---------------------------------------|-----------------------|
| FB58 - $\frac{5}{8}$ " Forstner Bit | \$10.95 |
| FB34 - $\frac{3}{4}$ " Forstner Bit | \$11.95 |
| FB100 - 1" Forstner Bit | \$13.95 |
| FB118 - $1\frac{1}{8}$ " Forstner Bit | \$14.95 |
| FB138 - $1\frac{3}{8}$ " Forstner Bit | \$17.95 |
| FB555 - Set of all 5 Forstner Bits | (SAVE \$3.80) \$65.95 |



F555

Cabinetmaker's Screwdrivers



6468

CABINETMAKER'S SCREWDRIVER SET - These handsome tools are designed specifically for wood screws - to stay in standard woodscrew slots without slipping out and marring your work. Turned oval handles of lacquered beech are a pleasure to grip. Flattened area below ferrule can take a wrench for extra torque. Lengths (ferrule to tip) 3", 4", 5", 6" and 8".

F555 - Screwdriver Set of 5.....\$16.95

CENTURY SCREWDRIVERS - Virtually indestructible workhorses! Screwdrivers, sure but also paint can openers, jimmys . . . you name it. Tempered blade is one steel mass from tip to butt. Oval hardwood grips riveted to tang. Grandad's still using his, so buy your own! Three piece set: 4" blade (overall 8 $\frac{5}{8}$ "), 6" blade (overall 11 $\frac{1}{8}$ "), 8" blade (overall 14 $\frac{1}{2}$ ").

6468 - Set of Century Screwdrivers.....\$11.95

QUICK RETURN SCREWDRIVERS WITH SIX BITS

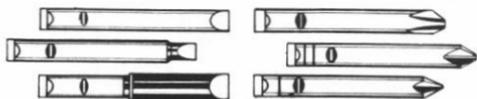
American screwdrivers of this type usually come with just two bits. We think that our German tools are of better quality and they include 6 bits! They also happen to be more than 10 bucks cheaper! Right and left hand drive as well as rigid position are easily set by a slide button. Bits: 3 heavy duty slot; and #s 1, 2 and 3 Phillips. Cadmium plated spindle; bronze wear-resistant ratchet bushings. Wood handles.

67/6C - 26 $\frac{1}{2}$ " (extended)

Quick Return Screwdriver.....\$24.95

48/6C - 19" (extended)

Quick Return Screwdriver.....\$19.95



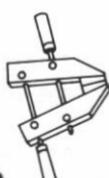
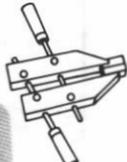
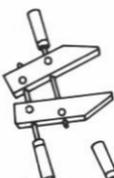


16/4

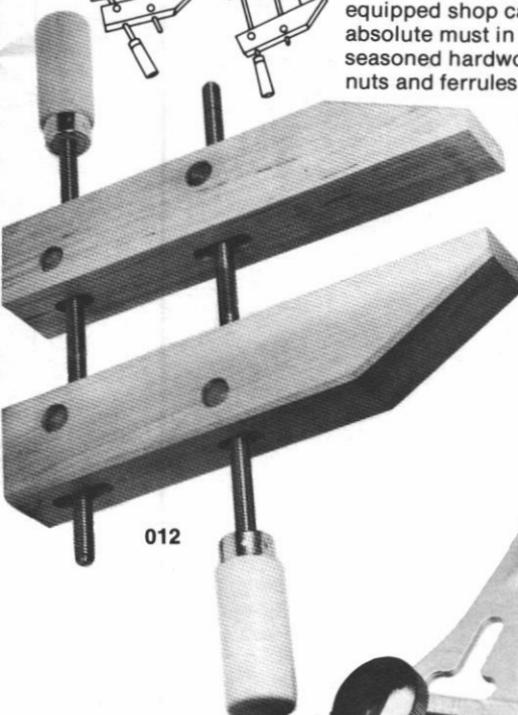
**RATCHET SCREWDRIVER
WITH FOUR BITS**

A handy, inexpensive ratchet screwdriver for those frequent small jobs around the house. Right turn, left turn, and rigid positions are set by a push of the slide. Bits: 2 heavy duty slots and #'s 1 and 2 Phillips. 7³/₄" overall. Extra bits stored in handle. Very well made.

16/4 - Ratchet Screwdriver.....\$8.95

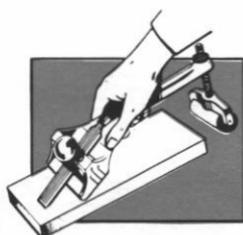
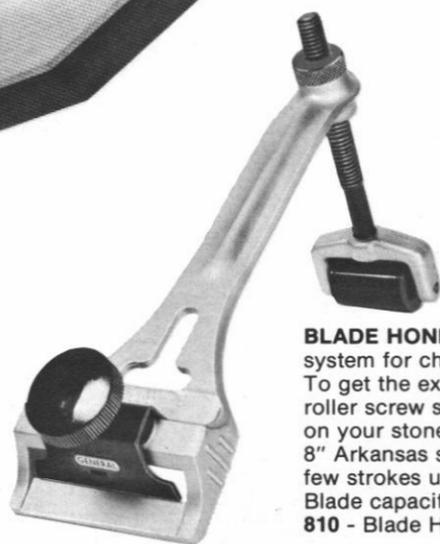


CABINETMAKER'S CLAMPS - We can't imagine how any well equipped shop can do without several pairs of these clamps. An absolute must in assembling, gluing up, and laminating. Oiled, seasoned hardwood jaws won't mar your work. Steel spindles, nuts and ferrules. Built to serve for years.



012

| Model No. | Jaw Length | Open Capacity | Price Each |
|-----------|------------|---------------------------------|------------|
| 006 | 6" | 3" | \$10.50 |
| 008 | 8" | 4 ¹ / ₂ " | 12.25 |
| 010 | 10" | 6" | 14.00 |
| 012 | 12" | 8 ¹ / ₂ " | 16.25 |
| 014 | 14" | 10" | 20.50 |



BLADE HONER - A fool proof honing system for chisels and plane irons.

To get the exact bevel, simply adjust roller screw so that the bevel lies flat on your stone. (Use with Leichtung 8" Arkansas systems on page 8.) A few strokes up and back does it. Blade capacity up to 2⁵/₈" wide.

810 - Blade Honer\$9.95

The Tools Of Spring

PS 15



CLASSIC JAPANESE PRUNING SAW - The Japanese have always been known for beautiful gardens. Even their specialized garden tools reflect a serene blend of design and function.

Think of it: We cut through a 2" limb in less than 10 seconds with this amazing pruning saw! The steel is very tough and the rough-set 8 pts./inch blade is designed for easy, speedy cutting.

The sheath is hardwood with a leather belt hanger. The beech handle is curved for support on both push and pull strokes and is 5" long. The blade is 8 $\frac{3}{4}$ " long and is double riveted into the handle. Hard to improve upon this ancient tool.

PS 15 - Japanese Pruning Saw \$9.95

If You Dig Gardening

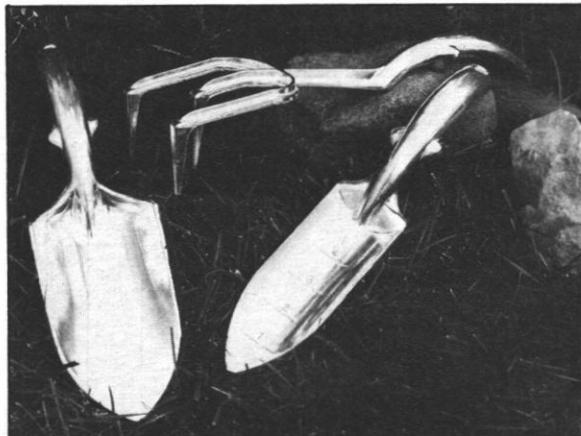
GT-300

Over the years, we must have used dozens of small garden tools. Until now, the tools either rusted out, lost their handles or bent.

This set is something else! One-piece cast aluminum, the tools don't rust or break; and there is no separate handle to work loose. Moreover, the handles are designed with a trigger grip to stop damp hands from slipping. This also means that you don't have to clutch so hard, which can be very tiring.

The trowel is 11" long x 3" wide; fork is 11 $\frac{3}{4}$ " x 3 $\frac{1}{4}$ " wide; planter is 11" long x 2" wide (and is graduated from 1-4" for depth.) These will last season after season.

GT-300 - 3 Piece Garden Set... \$14.95



Weeder/Rooter

GT-200



No question about it! The toughest job in your garden is getting the **whole** weed root out. If you don't get it all, you've got the weed all summer.

Our Weeder-Rooter is built to penetrate the deepest, hardest soil to get you down to the base of the roots. The 15" ash handle gives you enormous leverage on both your swing and pry motions. The hardened and tempered steel tines and beveled cultivator edge will take punishment for years . . . and stand up. A great tool, if you want the whole root and nothing but the root! The overall head is 7 $\frac{1}{2}$ x 2".

GT-200 - Weeder/Rooter \$6.95



The Finnish Puukko Knife

Right after WWII, a Finnish ski-trooper presented me with his puukko knife. He had used it lethally every day for four years, as a raider on the Russian front. His life depended on complete silence so that he never carried a gun — only his puukko.

I used the knife for 12 years, until it was lost on a camping trip. I bought a second one and have been using it (non-lethally, let me hasten to add!) for 20 years. It is still perfect in every detail and has the finest edge I've ever seen on a field knife.

The black Nylon handle is slightly triangular so that it fits naturally into the fold of your hand. Solid brass fittings. The tang of the stainless steel knife goes all the way through the brass of the butt. Genuine leather sheath with traditional woven leather belt-hanger. 4" blade; 8½" long overall.

TW10 - Finnish Field Knife\$23.95

This Really Cuts It!

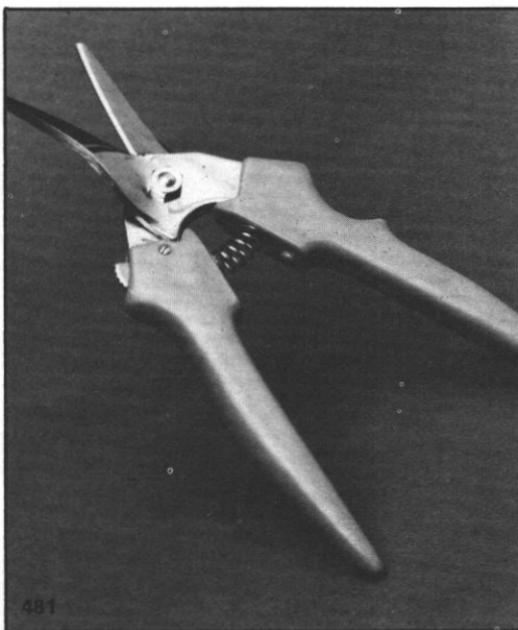


What's so different about these shears? Glad you asked! The blades themselves are curved so that you can cut straight lines, curved lines or even circles in sheet metal, brass, or copper. Not only is it a great tinsnip but it will serve endlessly as a garden shear.

We say "endlessly" because the grips are "ergonomically" designed to reduce muscle fatigue. Spring loading keeps the jaws open for easy one-hand operation. (Jaws may be locked closed with a flick of the safety catch.)

Krupp-Nirosta stainless steel blades prohibit garden corrosion. Hi-impact plastic handles.

481 - Stainless Snips.....\$12.95



Arkansas Stones - A "Cut" Above the Rest

The better your cutting tools, the more they deserve to be honed on Arkansas stones. That's because only genuine Arkansas will produce the ultimate edge which top quality tool steel can take. So, your Arkansas stones really complete your investment in your finest tools.

There are four grades of Arkansas stones:

WASHITA - Most rapid cutting. Produces a keen edge, even though it is the coarsest of the four.

SOFT ARKANSAS - The best general purpose stone. Fast cutting; produces a very sharp edge.

WHITE HARD ARKANSAS - A superior stone for finishing an already sharp edge. Sharpening with our white hard Arkansas takes a bit longer but the gleaming, polished edge is well worth it.

BLACK HARD ARKANSAS - The ultimate in finishing whetstones, the "black hard" removes even microscopic burs to give you surgically sharp edges.

LEICHTUNG'S 8" STONE SYSTEM

Each Stone Approximately 8"x2"x1/2", In Its Own Cedar Box

| | |
|-----------------------------------------|---------|
| WTC8 - Washita Stone | \$14.95 |
| STC8 - Soft Arkansas | \$14.95 |
| HTC8 - White Hard Arkansas | \$23.95 |
| BTC8 - Black Hard Arkansas..... | \$28.95 |

SAVE ON COMBINATIONS

| | |
|-------------------------------------------------------------|---------|
| Combo A - WTC8, STC8, HTC8 (SAVE \$3.90) | \$49.95 |
| Combo B - WTC8, STC8, BTC8 (SAVE \$5.90) | \$52.95 |
| Combo C - WTC8, STC8, HTC8, BTC8 (SAVE \$7.85) | \$74.95 |
| HON-1 - 4 oz. Can Honing Oil..... | \$1.50 |

WSH-3 SET OF 3 ROUND EDGE SLIPS - One each 4"x2"x3/8"x1/8" Washita, Soft and White Hard Arkansas. For deburring gouges or as hand-held stones for sharpening large tools, e.g. axes, drawknives, etc. where the stone is drawn across the tool to sharpen.

WSH-3 - 3 Round Edge Slips..... \$16.95

FH-5 FIVE PIECE WHITE HARD ARKANSAS FILE SET - A must for carving tools - from gouges to V-tools and veiners. Also ideal for lathe tools, gunsmith and die maker tools. Each piece approx. 4" long, shapes as shown.

FH-5 - 5 Pc. Arkansas File Set..... \$16.95

LGS-3 - THREE-IN-ONE SET - 6" STONES - One each Washita, Soft and White Hard Arkansas stone, permanently mounted on a cedar block (with cedar dust covers). Each stone approx. 6" x 2"; overall length of base is 22". A superb gift!

LGS-3 - 3-in-1 Stone Set..... \$41.95

WP-1 - SOFT ARKANSAS PADDLE - For quick touch-ups in shop or kitchen. 7" x 1 1/2" stone is bonded to a 14" cedar paddle. Rawhide hang-up thong. Gift-boxed.

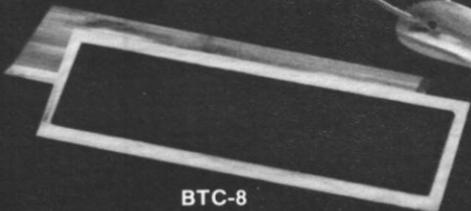
WP-1 - Arkansas Paddle
 \$6.95 |

15-C - GOUGE STONE - A fine grit, man made stone; especially designed for carving or turning gouges. Tapered concave and convex surfaces first hone the bevel and then remove the wire edge. 6"x2"x1 3/8"x3/16".

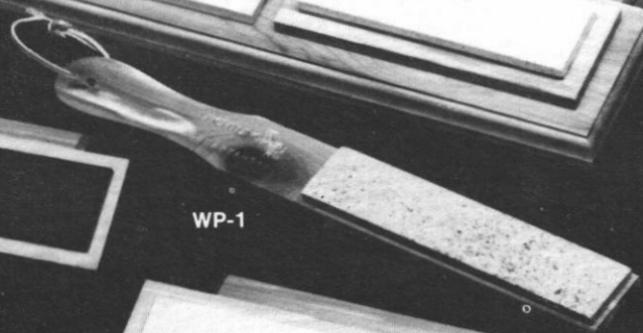
15-C - Gouge Stone
 \$6.95 |



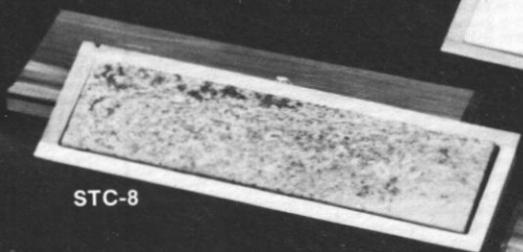
LGS-3



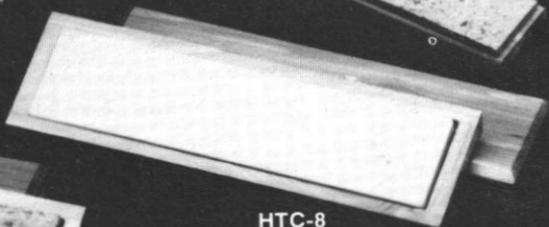
BTC-8



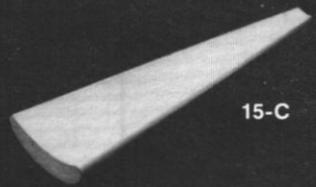
WP-1



STC-8



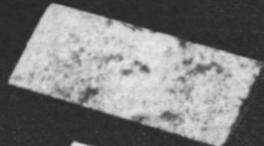
HTC-8



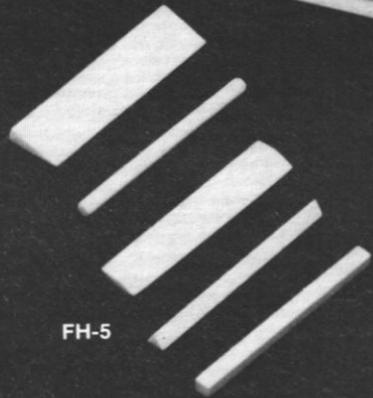
15-C



WTC-8



WSH-3



FH-5

Organize Your Work Area's Power Lines

It's not only unsightly, but flat-out dangerous the way we all tend to just keep adding tools or appliances to a multi-outlet cube surrounded by a jungle of wires.

Here's a neat, safe way to convert one outlet into many. This 13" bar has six 3-prong outlets which will take a 15 amp, 1875 watt load. A built-in circuit breaker absolutely prevents dangerous overload. As extra safety features, there are also an on-off switch and a pilot light to let you know at a glance that the power is on or off. Sturdy steel construction; complete with mounting clips. 2 1/4" wide by 1 1/2" high. 6', 3 wire (14AWG) jacketed cord with molded grounding plug.

NOTE - This is UL approved. Beware of similar bars that do not specify the UL listing.

W-65 - 6 Outlet Bar \$19.95

W-65



74M

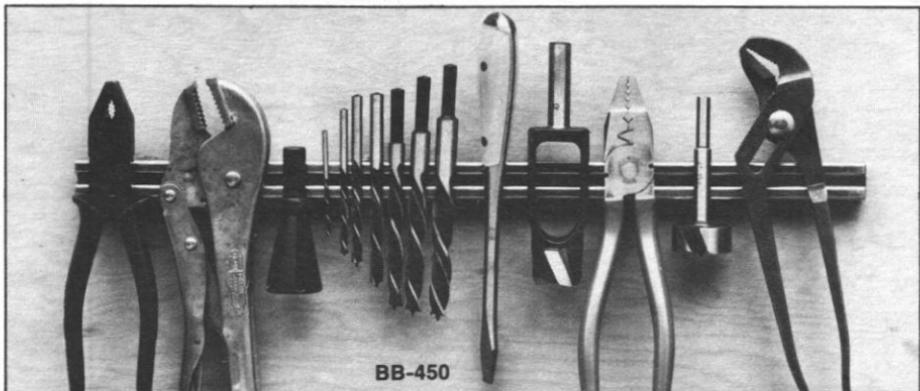
Security-

As Easy As
Writing
Your Name

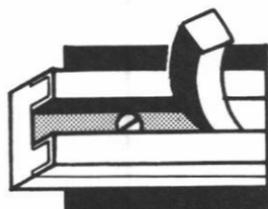
Police recommend that you permanently mark all your valuables - including your prized tools. Why not do it, it's as easy as writing your name or initials!

A tungsten carbide engraving point vibrating at 7200 strokes / min. lets you mark glass, plastic, wood, stone and even the hardest steel. A calibrated adjustment dial lets you vary the length of stroke and depth of cut. Includes on-off switch and a 6' cord set.

74M - Heavy Duty Engraver \$14.95



Here's a "Hangup" You Really Need !



Magnetic strips have been around for years. We tried one once and were unimpressed. It was fine for holding a paring knife but that was about it.

Then we came across this one in England and were astonished. To test it, we jammed every inch of it with the heaviest tools we could find. They all held fast! Even round items (where very little surface touched the magnets) presented no problems. They may be cut or placed end to end to form a tool wall or corner.

Walnut stained hardwood base; two mounting screws; 450mm (17³/₄") length.

BB-450 - Magnetic Holder \$7.95
 4 or more (SAVE \$1.45 EACH) \$6.50 each

How About Really Sharp Kitchen Knives



CS109

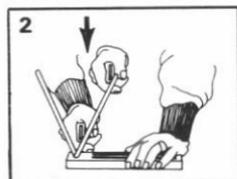
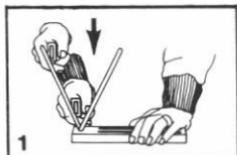


Most homemakers don't quite have the hang of using an oilstone. It does take some practice to consistently stroke the stone at the correct angle on both sides.

Now, all the homemaker's got to do is slice straight down on the preset, space-age ceramic sticks and in a couple of strokes — lo and behold! . . . a sharp kitchen knife for a change. (NEVER use an electric can/opener sharpener on a decent blade!)

When not in use, the ceramic sticks are stored in the solid walnut block, which can be handsomely wall-mounted. Yes, it can be used for all knives.

CS-109 - Ceramic Knife Sharpener \$8.50



Finish Brushes

When You've Spent Days On a Workpiece Worth Hundreds—Does It Make Sense To Finish With a 79¢ Brush?

Of course not! Your whole effort goes down the drain, if your finishing isn't dead perfect.

Experts tell us that the finest finishing brushes are made of the pure black hair of the Chinese boar. Because the boar lives in dense underbrush, his bristles are thoroughly "flagged" or split and so hold and spread finishes best.

Hamiltons (London) supplied the Royal Navy with varnish brushes during the War of 1812. Their pure black China bristles are set in vulcanized rubber; ferrules are nickelled steel. Solid beech handles are triple-dipped in clear gelatene enamel, impervious to all known solvents.

Pinch a Hamiltons between thumb and forefinger, right above the ferrule and you'll feel the fullness of the bristles. This is the acid test of quality. "Cheat" brushes, in order to skimp on expensive bristles, use heavy "wedging" between the rows of bristles resulting in poor retention of finish and streaky cover.

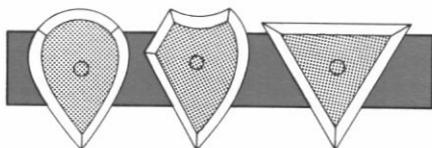
Care of Brushes brochure included with every Hamilton brush order



Shavehooks

SET OF 3 SHAVEHOOKS -Exceptional scrapers have a variety of straight and curved edges to reach corners, flat and curved surfaces others can't touch. Beechwood handle is fitted with shanks which extend completely through the handle and blade for durability. Each tool is approximately 8 $\frac{3}{4}$ " long.

142-3 - Set of 3 Shavehooks.....\$9.50



Hamiltons



900 SERIES - FLAT PURE BLACK CHINA BRISTLE BRUSHES

Use on all flat surface for even, streakless coats.

| Brush No. | Width | Thickness | Bristle Length | Price |
|------------------------------------------------------------------------|-------|-----------|----------------|--------|
| 901 | 1" | 5/8" | 2" | \$4.95 |
| 902 | 2" | 3/4" | 2 1/2" | 6.95 |
| 903 | 3" | 7/8" | 3" | 11.95 |
| 904 | 4" | 7/8" | 3 1/2" | 18.95 |
| 9123 (Buy all 3 brushes: 901, 902, 903; SAVE \$3.90)..... | | | | 19.95 |
| 91234 (Buy all 4 brushes: 901, 902, 903, 904; SAVE \$5.85).... | | | | 36.95 |

297 SERIES — OVAL PURE BLACK CHINA BRISTLE BRUSHES -

For run-free finishes on rounded surfaces . . . moldings, frames, masts and booms.

| Brush No. | Width | Thickness | Bristle Length | Price |
|-------------------------------------------------------------------|-------|-----------|----------------|--------|
| 297-1 | 1" | 5/8" | 2" | \$4.95 |
| 297-2 | 2" | 1 1/8" | 2 5/8" | 7.95 |
| 297-3 | 3" | 1 3/8" | 3" | 13.95 |
| 297-A (Buy all 3 brushes: 1, 2 and 3"; SAVE \$2.90) | | | | 23.95 |

9806 - SASH TOOL - 2" long pure black China bristles in a 6" brush. Especially good not only for window sashes but also for difficult-to-get-at places in carved areas.

9806 - Sash Tool \$3.95

1101 - "FERRET" CUTTING-IN-BRUSH - Pure black China bristles designed for window frames and moldings. Angle-cut for accuracy. 3/4" wide, 7/16" thick, 1 1/2" long bristles.

1101 - Cutting-In-Brush..... \$2.95

143 - PRE-FINISHING DUSTING BRUSH - Used to remove all grit after final sanding before or between coats of finish. 3 5/8" wide, 3" long, 3 knots of pure China bristle.

143 - Dusting Brush..... \$9.95

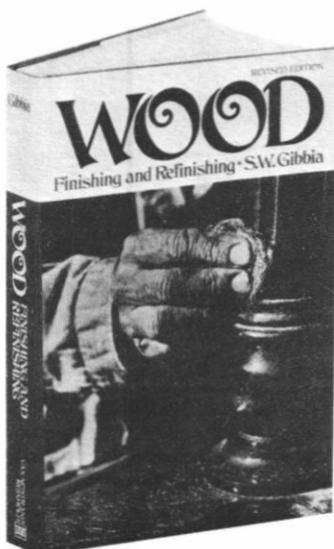
900 SERIES

297 SERIES

9806

1101

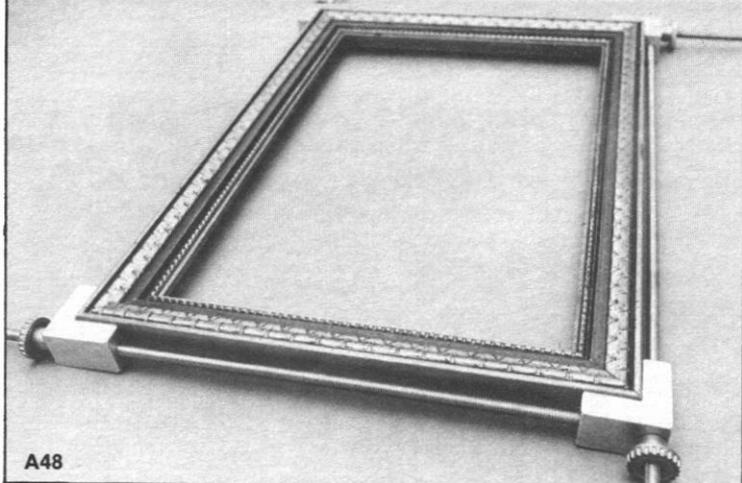
143



Wood Finishing and Refinishing (Rev. Ed.) - Gibbia

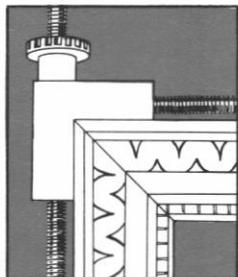
A most thorough study of wood finishing. Organized in an illustrated step-by-step format that allows you to easily follow the procedures. Covers virtually every technique and material with index and cross-reference so that you can use the book as an encyclopedia of wood finishing. Exceptional photography and artwork. Hard cover, 271 pages.

VNR-29 - Woodfinishing and Refinishing \$10.95



A48

Adjustable Size Picture Framing Clamps

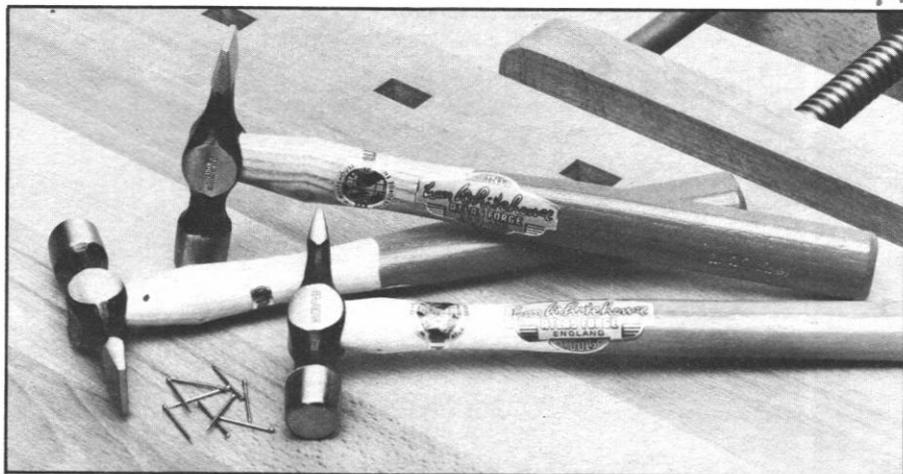


This heavy-duty system will clamp any rectangular or square frame from 3" x 5" up to 4 ft. x 4 ft. accurately and easily. Here's all you do.

After you've cut your frame to size and glued it, place the clamp corners on the frame corners and tighten the thumb nuts. It squares itself and holds the frame at just the right tension so that the glue will set properly. Instructions included.

All parts are plated against rusting. Can be taken apart in a minute and stored in a 25" box or drawer.

A48 - 4' x 4' Framing Clamp \$24.95

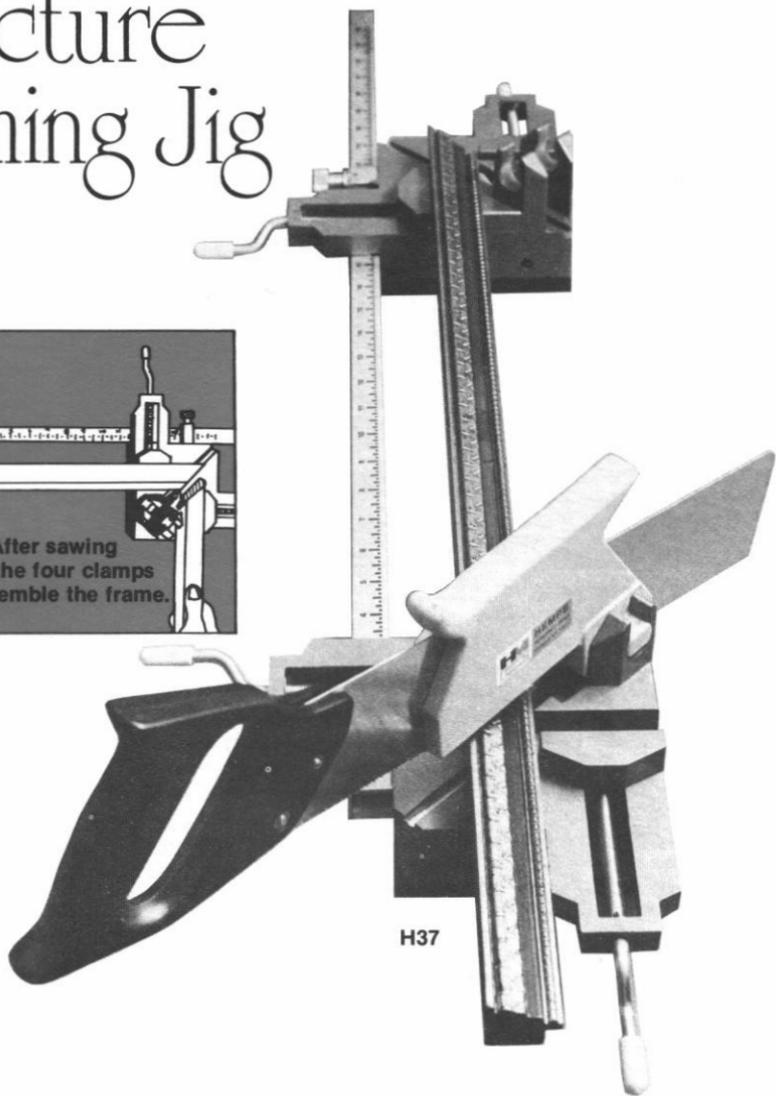
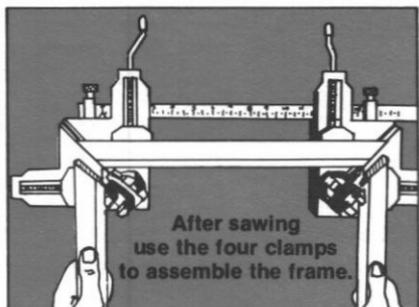


Warrington Pattern Joiner's Hammers

The typical American-made hammer is an excellent carpenter's tool, used for gross work. English-made Warrington pattern hammers are the hammers used by the finest cabinetmakers for precision work. The wedge-shaped peen is flattened to get you into those extra-tight spots. Ash handles, polished heads, perfectly balanced.

NW576 - 6 Oz. Warrington Hammer \$6.00
 NW578 - 8 Oz. Warrington Hammer \$6.50
 NW5710 - 10 Oz. Warrington Hammer \$7.00

Picture Framing Jig



H37

Easily the most exciting new tool at the National Hardware Show. Does it all for you in precise, logical steps.

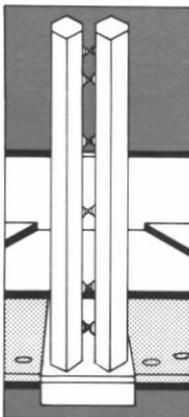
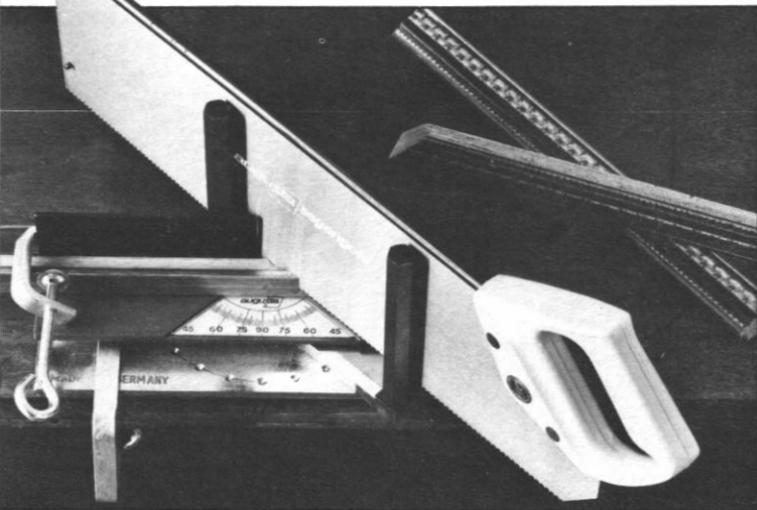
- Step 1:** Set the jig on the aluminum rule to the desired length of the first two sides of your frame (up to 30").
- Step 2:** Secure the clamps on your frame moulding (takes up to 3 1/4").
- Step 3:** Snap in saw guide and cut left miter.
- Step 4:** Snap in saw guide and cut right miter.
- Step 5:** Repeat steps 2 - 4 for opposite side of frame.
- Step 6:** Repeat steps 1 - 5 for second two sides of frame.

Now that all four sides of the frame are cut, use each jig side as a gluing clamp to assure perfect 90° joints.

Clamps are cast aluminum with thick foam base to stop skidding. Jig can be used on any table top. Includes saw, saw guide, rule, and the two jig sides as shown, plus instructions.

H37 - Picture Framing Jig..... \$49.95

Mitering Devices



**SAW GUIDES WITH
SPRING-MOUNTED
BALL BEARINGS**

THE AUGUSTA FRAMING MITER ASSEMBLY - This was the most ingenious new invention we saw at the Cologne Hardware Fair.

The saw guides are 4 posts of $\frac{3}{4}$ " solid steel, each with 6 spring-mounted ball bearings so that the saw is held exactly vertical to the table for precision cuts. The saw blade itself is $19\frac{3}{4}$ " long x $5\frac{1}{2}$ " high with 14 pts./inch. It has a clever built-in stop at the end, so that you can't accidentally pull the saw through the guides and ruin the angle of your cut. (To remove saw, simply lift it straight up and out from between the guides). The saw has a strong but light tubular steel back for rigidity.

Clearly marked angles (both right and left) of 45° , 60° , 75° and 90° are firmly locked into position by indent stops.

The solid steel assembly is extremely sturdy (weighs $9\frac{1}{2}$ lbs.) and a foam rubber base plus an included clamp make for complete stability.

A $3 \times 5\frac{3}{8}$ " clamp is also provided to hold your workpiece firmly, while you saw.

Cutting area is countersunk below the table to protect the blade when the cut is "through."

Will cut any length of wood up to $5\frac{1}{2}$ " thick by 3 " wide at 45° or $4\frac{7}{8}$ " wide at 90° .

K1010 - Miter Assembly and Saw..... \$79.95

Clamp-N-Saw Miter Tool

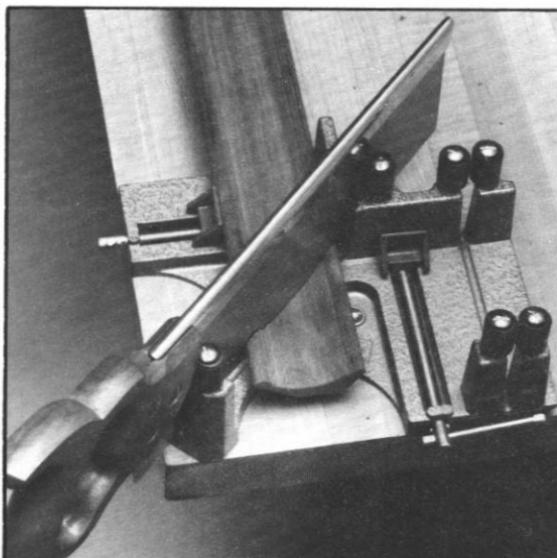
Accurate mitering device clamps molding up to 4 " wide and 2 " thick so it won't move while you saw. Roller guides adjust to keep saw vertical and prevent wobbling or binding. Cuts 45° or 90° angles. May be bench mounted.

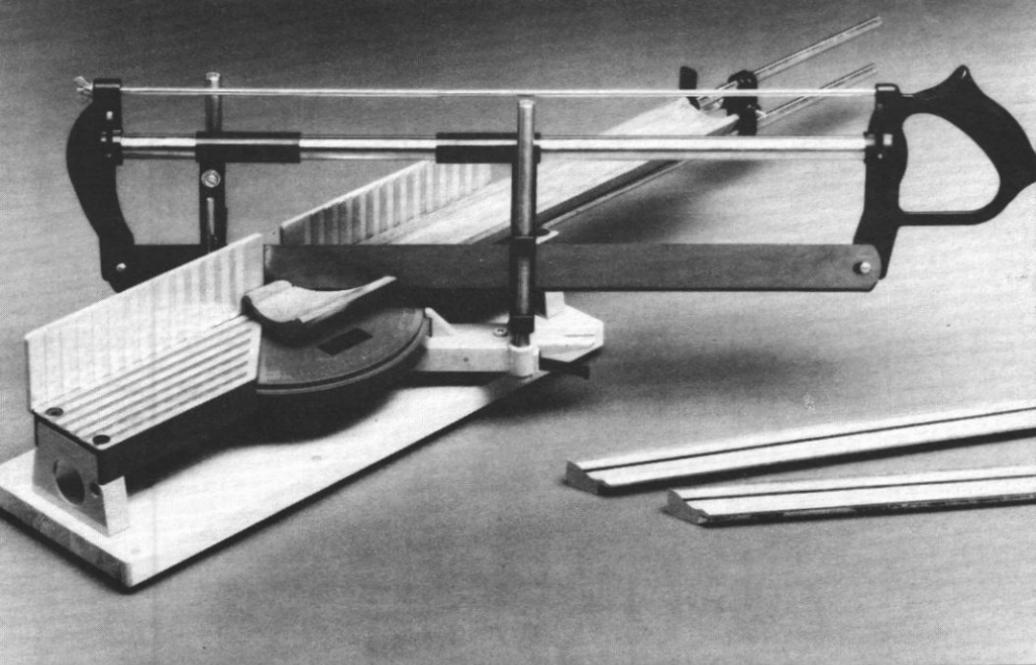
May also be used as a clamp for gluing frame miters at a 45° angle.

Should be used with tenon saw (TT-12) pictured on Page 19.

618 Clamp-N-Saw Only \$19.95

618/TT12 Combo - Clamp-N-Saw plus TT-12 Saw (SAVE \$2.50) \$39.95





THE PROFESSIONAL MITER ASSEMBLY - This ultimate mitering tool (made in Sweden) lets you cut at **any** angle between 45° left and 45° right. Most important is the lightness and suspension of the saw which lets you miter even narrow pieces of moulding without tearing or crushing. Furthermore, the 18 pts/inch saw blade is hardened at the cutting edge and is quite thin, resulting in a very narrow kerf — which means great accuracy and little waste.

The thinness of the blade is possible because it is mounted in a tension system, much like a hacksaw. This does away with the need for the heavy, crushing backsaw so typical of American miter assemblies.

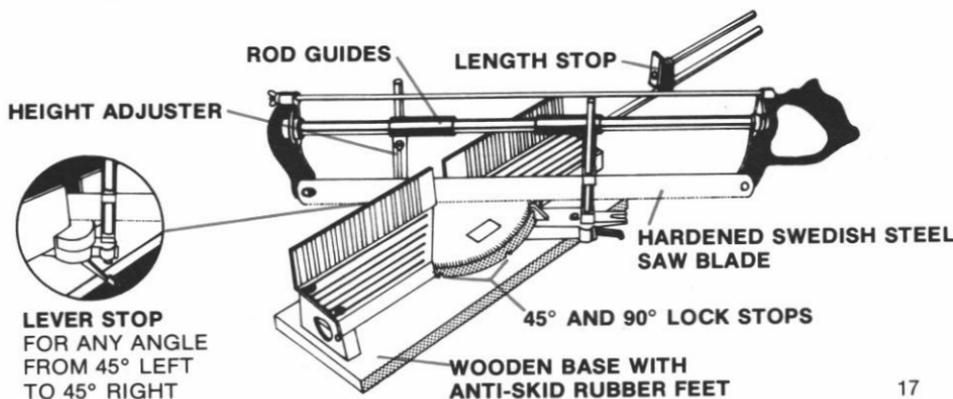
The saw cannot slip out of the assembly and mar your workpiece.

The assembly includes both depth of cut adjustments and a right or left adjustable length stop for duplicating cuts. Die-cast aluminum body; posts of stainless steel rod; baseplate of wood with anti-skid rubber feet.

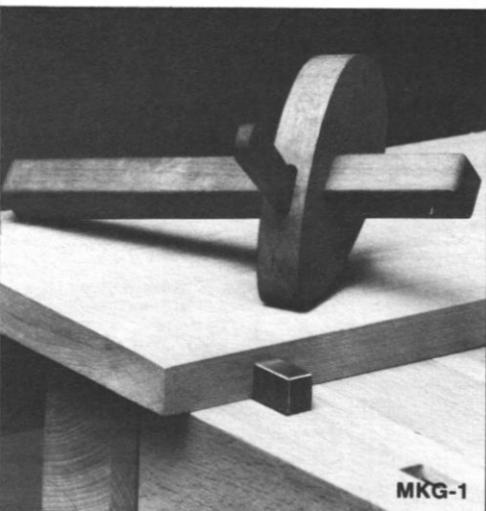
Table length is 17³/₄". Width capacity is 6³/₈" at 90°; 4¹/₄" at 45°. Depth of cut capacity is 4¹/₈". Saw length is 22".

The cutting area is countersunk below the table to protect the blade, when the cut is "through." Instructions included.

LN-264 - Swedish Miter Assembly and Saw \$145.00
 LN-626 - Spare Hardened Steel Saw Blades for LN-264..... 6.00 each



Makore One Hand Marking Gauge

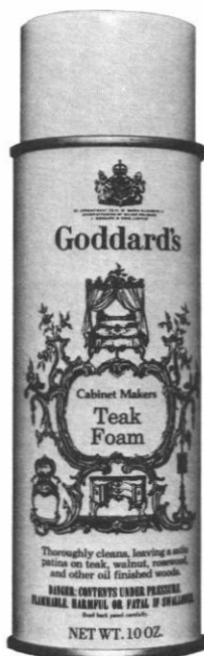


MKG-1

This is not just another ho-hum marking gauge. This is pure satisfaction in both looks and function. The gauges are made of Makore, also called African Cherry, which is heavier than Mahogany and of very reddish hue. Each gauge is hand finished with raw linseed oil and beeswax so that they are even delightful to handle.

More important, an ingenious locking wedge allows positive single handed setting — so that you don't have to steady the work with one hand, keep the measurement fixed with the second hand and then run out of hands to turn the locking mechanism. Made for us by a master cabinetmaker in Truro, Cornwall, England.

MKG-1 - Marking Gauge.....\$9.95



G 4186



JAWS

QUICK ACTION BAR CLAMPS - For gluing up larger pieces. Just slide moveable jaw up to joint and turn the swivel tightly. (We recommend a shim between the metal jaws and your workpiece to prevent marring.) Depth of all sizes is 2½". Almost always used in pairs or more.

| | |
|-----------------------------------|---------------|
| 326 - 6" Bar Clamp | \$5.95 |
| 3212 - 12" Bar Clamp | \$6.95 |
| 3218 - " Bar Clamp | \$7.50 |
| 3224 - 24" Bar Clamp | \$8.50 |

Goddard's Teak Foam

For 140 years, Goddard's has been the standard in furniture care products in England (by appointment to H. M. Queen Elizabeth II, no less!)

We've tested their products and find their Teak Foam perfect for cleaning and polishing oiled or low-luster finished woods like teak, walnut and rosewood. It also works very well on Scandinavian type oil finishes without that over-polished look. Goddard's cleans and polishes leaving the rich natural grain patina. 10 oz. can.

G 4186 - Teak Foam **\$4.00**



Brass Backed Saws

It has taken us almost five years to get a supply of Tyzack "Nonpareil" tenon and dovetail saws. Why so long? Because they are the very finest of their kind in the world. There is so much handwork involved that the manufacturer doesn't even want to make them. These may be the last of a great but dying breed. Grab yours!



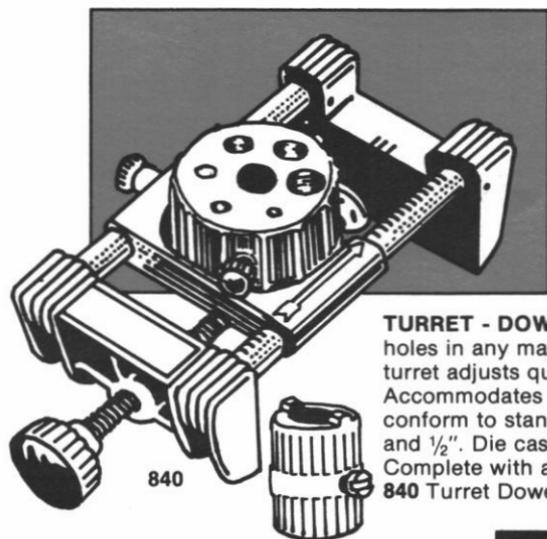
8" DOVETAIL SAW - The Tyzack dovetail saw is a jewel. It's handsome enough to hang on the wall of your living room - and we're not exaggerating. But use it and you'll find its true beauty. Lustrous brass back; 8" polished steel blade and an extraordinarily fine 20 points per inch which cuts to a more than ample 2 $\frac{3}{8}$ " deep. If you cut dovetails by hand, this will make you a master.

TT-8 - 8" Dovetail Saw \$19.95

12" TENON SAW - The Tyzack tenon (backsaw) saw has a very thick, highly polished brass back above an incomparable Sheffield steel blade. It is 12" long, has 15 points per inch and cuts 3 $\frac{3}{8}$ " deep. Beech handle is secured by three brass-plated screws. Simply: THE BEST.

TT-12 - 12" Tenon Saw \$22.95

The Fine Art of Dowelling

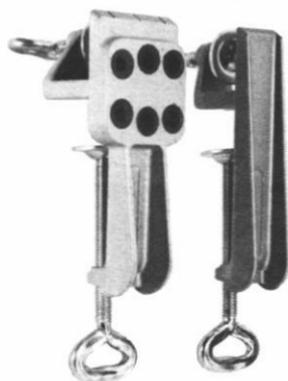


By definition, a woodcraftsman joins pieces of wood together to "construct articles." Of the dozens of joints used, the dowelled butt joint is among the most common, easiest to make and strongest. We present here, three excellent dowelling tools: two are designed primarily for edge-to-edge joining and one for right angle edge-to-surface joining. All three are complete with instructions for accurate use.

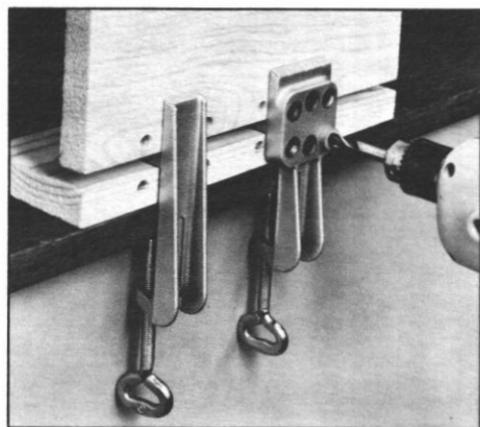
TURRET - DOWELLING JIG - Makes drilling of dowel holes in any material simple and accurate. Revolving turret adjusts quickly - eliminates loss of sleeves. Accommodates wood of up to 4" widths. Turret holes conform to standard size drill bits . . . $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ " and $\frac{1}{2}$ ". Die cast body with steel turret and rods.
 Complete with auger or drill bit stop and instructions.
840 Turret Dowelling Jig \$18.50

Dowel Jig Clamps

The Perfect Tool For Edge-To-Surface Dowelling

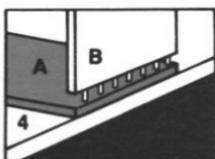
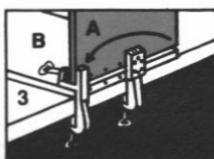
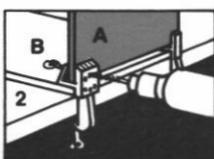
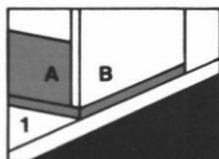


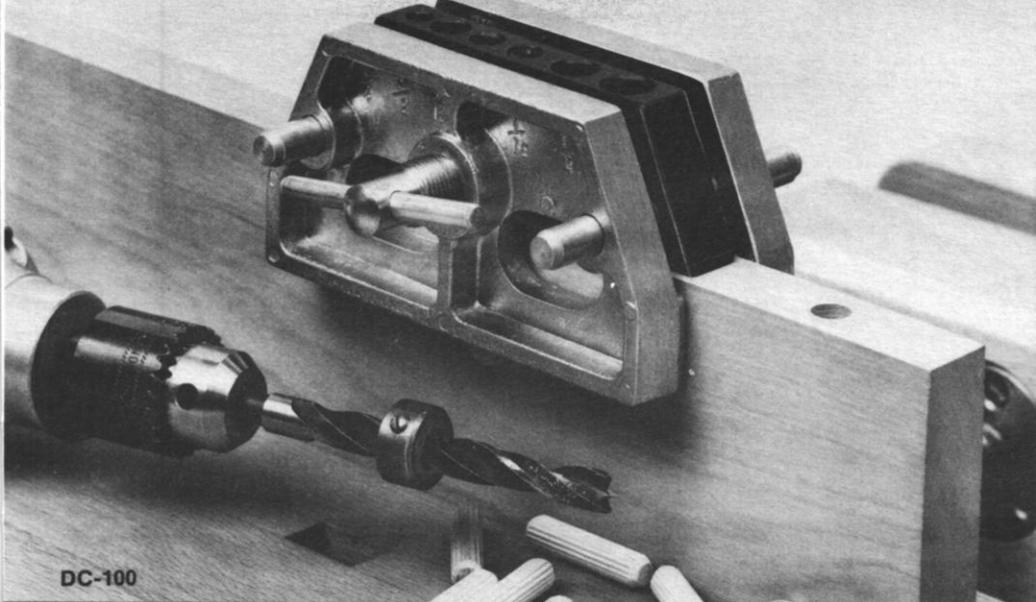
5243



Most really great ideas are basically simple. This is so simple that it is foolproof! First set up the boards as you want them dowelled. Second, reverse the board positions so that surfaces to be drilled face you. Then clamp; drill the matched pair — perfectly aligned — and go on to the next one. That's all there is to it! Handles dowels of $\frac{1}{4}$ ", $\frac{5}{16}$ " and $\frac{3}{8}$ " sizes. (For absolute accuracy we recommend our 3500 Brad Point Bit set on page 2.) Die cast aluminum, hardened steel dowel hole inserts. Full instructions included. Another German precision tool.

5243 - Dowel Jig Clamps \$19.95





DC-100

For Perfect Edge-To-Edge Dowelling

This is one of the best designed and finely machined tools in our catalog. It self-centers itself so that you automatically put the dowel in the dead middle of your stock. (Off center drilling is accomplished by using a shim between clamping face and your stock.) Can also center holes in round stock.

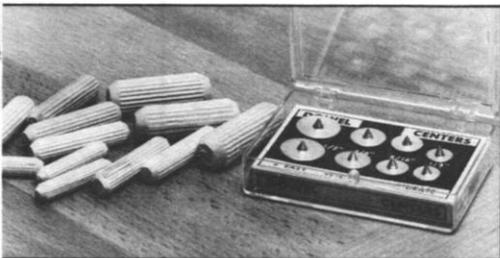
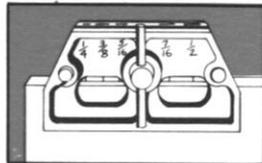
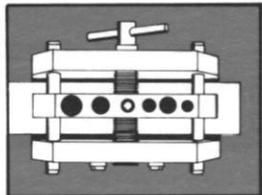
Can handle workpieces up to 2" thick.

Side size markings guarantee perfect alignment.

Hardened steel drill guide holes accept $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$ and $\frac{1}{2}$ " drills.

For perfect results, use with our #3500 Brad Point Bit Set on Page 2. Instructions included.

DC-100 Edge-To-Edge Dowel Jig \$22.95
 DC-35 Combo DC-100/3500 Bit Set (SAVE \$2.75) \$34.95



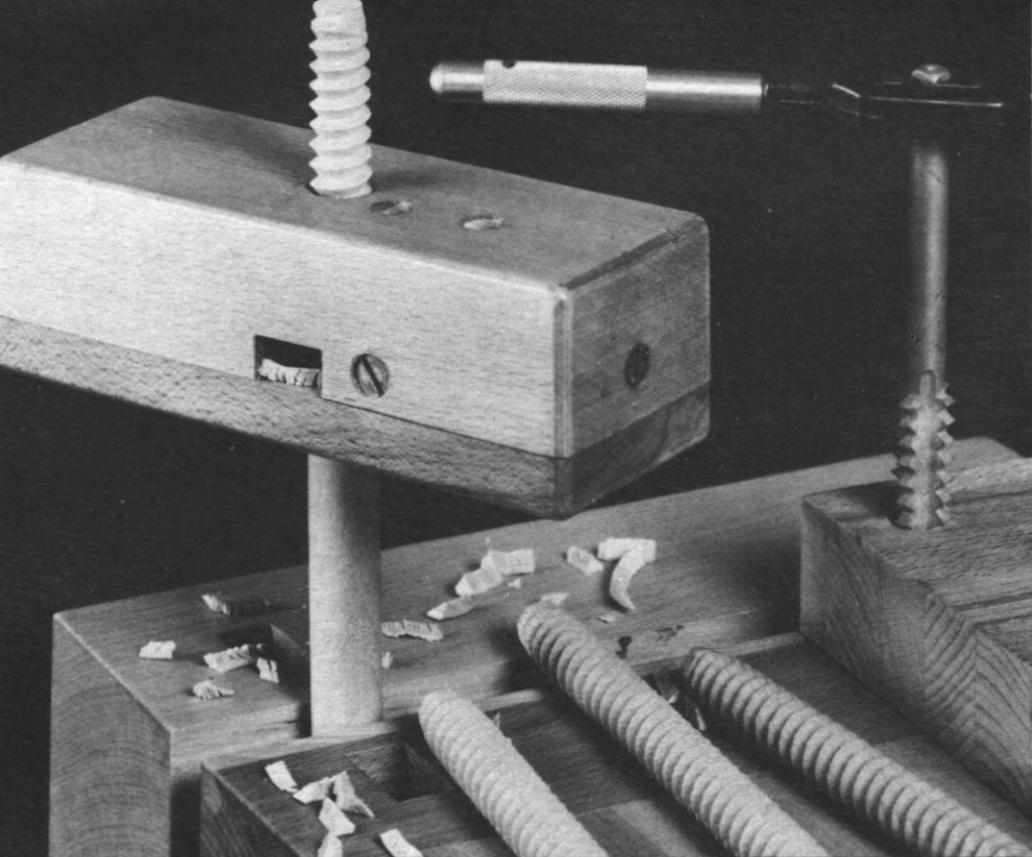
Fluted Dowel Pins - Pregrooved to accept glue smoothly for tight fitting joints.

5273 - Set of 36 Dowels - $\frac{1}{4}$ x $1\frac{1}{4}$ " \$1.00
 5274 - Set of 33 Dowels - $\frac{5}{16}$ x $1\frac{1}{2}$ " \$1.00
 5275 - Set of 30 Dowels - $\frac{3}{8}$ x $1\frac{1}{2}$ " \$1.00
 5297 - Set of 18 Dowels - $\frac{1}{2}$ x $1\frac{1}{2}$ " \$1.00

Dowelling Accessories

Dowel Center Set - set of eight dowel centers. Two each of 4 sizes, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ and $\frac{1}{2}$ ". Here's how they work: drill hole (using one of the proper dowelling jigs described above) and insert the correct size center. Position the two pieces to be joined accurately and then tap lightly to make center mark on the other piece. Using dowelling jig and brad point bit, drill hole in second piece to be joined. Insert dowel pin lightly in both pieces and check for accuracy before assembly and gluing.

888 - Dowel Center Set \$2.00

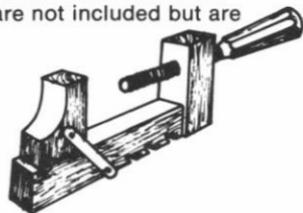
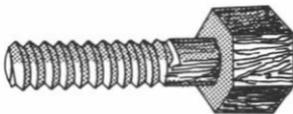
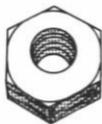


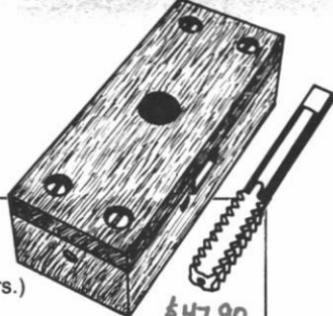
Woodthreading Sets- The Toolmaker's Tools

These sets can save you money because they'll make other tools for you! You can make your own clamps, for example. A set of four #010, 10" Cabinetmaker's clamps would cost you \$56.00. With a $\frac{3}{4}$ " woodthread set (cost: \$51.50), you can make dozens of these clamps in all sizes by using any handy hardwood pieces in your shop.

Or make your own workbench vise spindles and nuts using a 2" woodthread set (cost \$89.90) and save about \$60 over the cost of metal vise hardware. Then take the same 2" set and make a wine or cider press for just the cost of the wood!

These sets are used extensively to make tight wood-to-wood joints that can be assembled and disassembled over and over quickly and easily. You can also produce fascinating, variable candelabra designs and then use the same thread set sizes for construction toys for the kids. (Note, tap wrenches are not included but are readily available at hardware stores.)





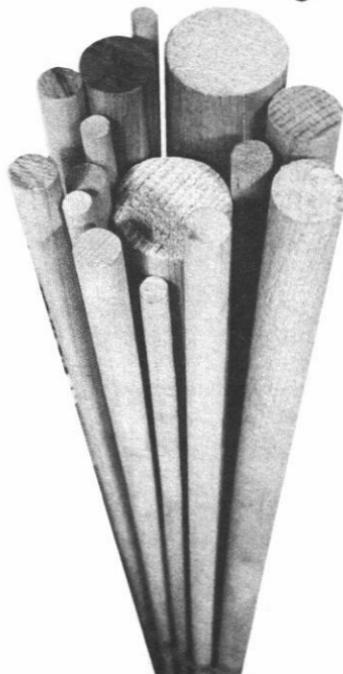
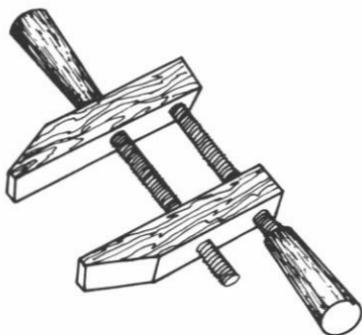
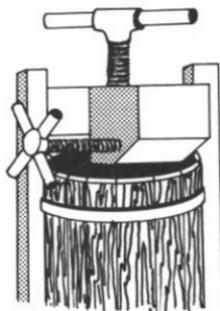
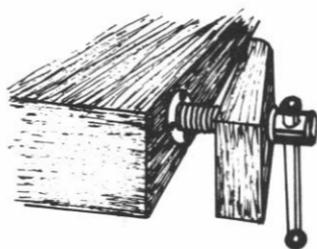
(Sets include threadbox and mated tap. Sizes listed are external diameters.)

| | |
|-----------------------------|----------|
| SB12 - 1/2" Set..... | \$47.90 |
| SB58 - 5/8" Set..... | \$49.90 |
| SB34 - 3/4" Set..... | \$51.50 |
| SB100 - 1" Set..... | \$55.90 |
| SB125 - 1 1/4" Set..... | \$67.90 |
| SB150 - 1 1/2" Set..... | \$72.90 |
| SB200 - 2" Set..... | \$89.90 |
| SB777 - All Seven Sets..... | \$399.00 |

NOTE - One of our competitors currently sells just a 2" set alone for \$427.20. You can buy all seven sizes from Leichtung for ~~\$399~~! Their seven pieces would cost you \$910.35 . . . and ours is the original design used by master cabinet-makers for centuries!

SOME OF MANY USES FOR "SCREWBOXES"

- VICE SPINDLES
- WINE PRESSES
- SPINNING WHEELS
- NUT CRACKERS
- CORK SCREWS
- CLAMPS
- BROOM STICKS
- FRUIT PRESSES
- CONSTRUCTION TOYS
- DECORATIVE EFFECTS
- WOODEN NUTS AND BOLTS
- CIDER PRESS
- TAPESTRY FRAMES
- VENEER PRESSES

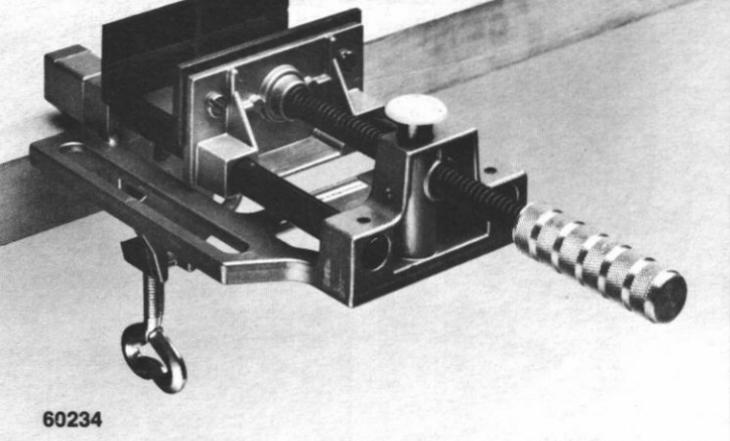


Hardwood Dowels

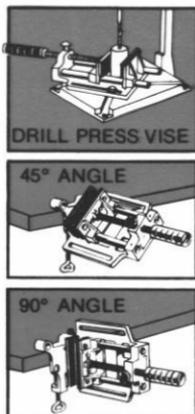
Large dowels are difficult to get, for some reason or other. Most lumber yards carry poor quality, small sizes only.

We've found an industrial source for dowels and are pleased to offer them in all the sizes of our Woodthreading Sets. All the dowels listed are 24" long, kiln dried and smooth sanded.

| ITEM # | DIAMETER SIZE | # IN BUNDLES | PRICE/BUNDLE |
|--------|---------------|--------------|--------------|
| MF12 | 1/2" | 24 | \$5.40 |
| MF58 | 5/8" | 24 | 7.20 |
| MF34 | 3/4" | 18 | 7.75 |
| MF100 | 1" | 12 | 7.95 |
| MF125 | 1 1/4" | 12 | 13.50 |
| MF150 | 1 1/2" | 8 | 15.00 |
| MF200 | 2" | 4 | 15.50 |



60234

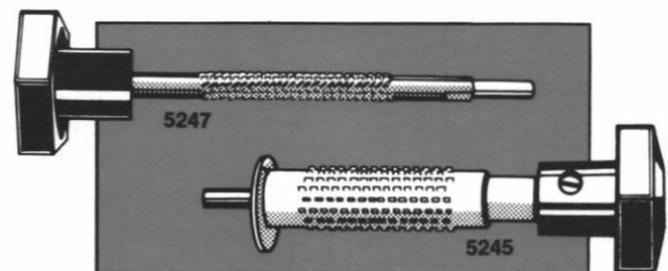
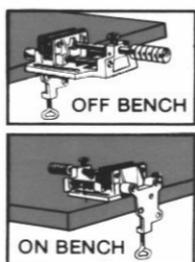


Quick Release Bench and/or Drill Press Vise

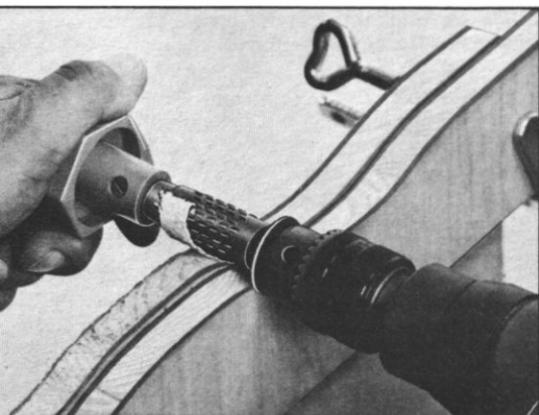
This is the most versatile yet inexpensive vise we've ever offered. It can be positioned on or off even a 2½" thick work surface . . . or can easily be bolted to a drill press table (and just as easily removed.)

Quick release button lets you slide the jaw right up to your workpiece instantly. Grooved, hardened steel jaws grip round, flat and even triangular stock. Jaws: 4" wide and 1⅜" high, open to 4". Lightweight cast aluminum body makes for easy portability. German precision tool.

60234 - Bench/Drill Press Vise \$34.95



Turn Your Power Drill Into A Power Plane



For planing, sculpturing and contouring wood, plastic laminates and veneers **without splintering**. Also excellent for enlarging holes, creating special effects and planing window and door jams. Fits all drills including ¼".

The 5247 has a 2⅜" cutting surface and is ideal for contouring.

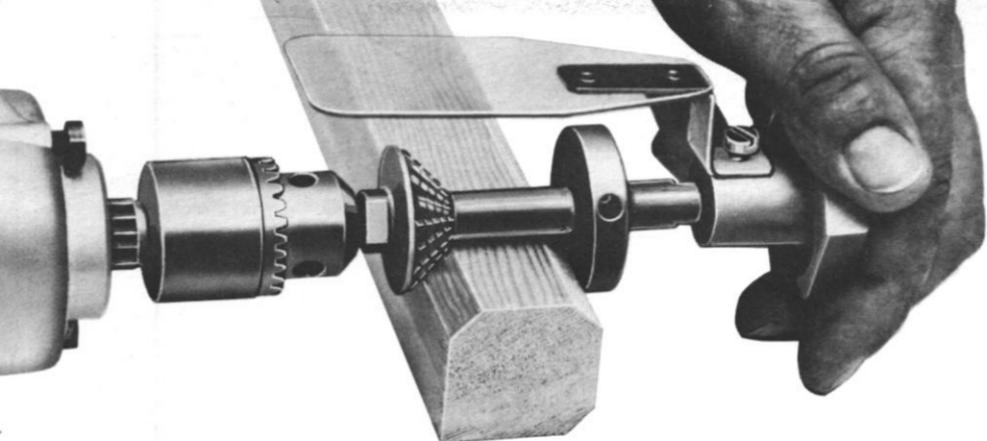
The 5245 has a 1¾" cutting surface and is better suited for general planing, although gradual contouring is easily accomplished with it.

5247 - 2⅜" Contour Plane..... \$13.95

5245 - 1¾" Rotary Plane \$13.95

PP4547 - (BOTH PLANERS

(SAVE \$1.40)..... \$26.50



Turn Your Power Drill Into A Power Router

A sensational new German tool! The handle (#5248) connects to any of the 8 router rasps (#5249-5256). The two adjustable Disc Guides on the handle plus two-hand control, provide consistently perfect cuts. Fit all drills including 1/4". The pilot guide (#5257) connects directly to all the router rasps for freehand or drill press use.

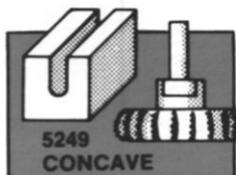
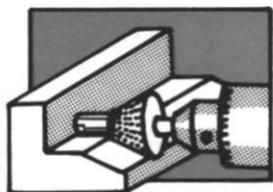


5248 - HANDLE

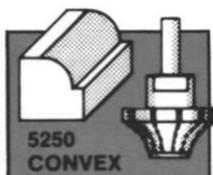
- 5248 - Handle with guides \$ 11.95
- 5249 - Concave rasp 3/8" W x 1/2" D..... 7.95
- 5250 - Convex rasp 1/2"..... 7.95
- 5251 - Narrow slot rasp
(approx. 3/32" W X 7/16" D)..... 7.95
- 5252 - Groove Cutter
(Fits 5255 tongue cutter)..... 7.95
- 5253 - Rabbet Mill (3/4" W x 3/8" D)..... 7.95
- 5254 - 75° Profile rasp, 1"..... 7.95
- 5255 - 1/4" Tongue cutter
(each cutter 5/16" W X 1/4" D)..... 7.95
- 5256 - Chamfer rasp, 1/2"..... 7.95
- 5257 - Pilot Guide..... 1.25
- FS5200 - Full 10 pc. Set:
8 rasps, handle and pilot (SAVE \$685)..... 69.95



5257-PILOT GUIDE



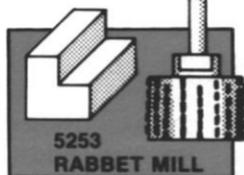
5249
CONCAVE



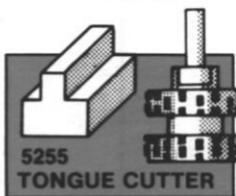
5250
CONVEX



5251
NARROW SLOT



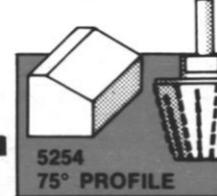
5253
RABBET MILL



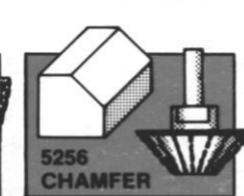
5255
TONGUE CUTTER



5252
GROOVE CUTTER
(Fits 5255)



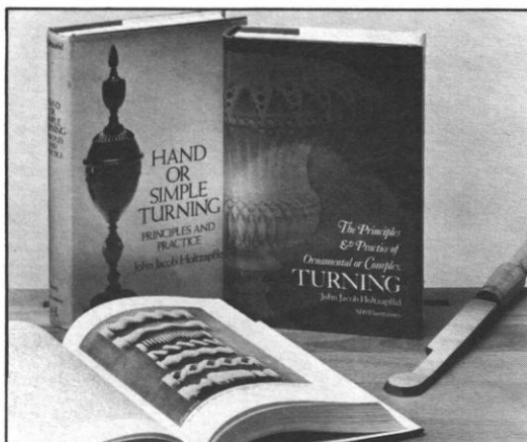
5254
75° PROFILE



5256
CHAMFER

One Good "Turn" Deserves Another

These two volumes were 41 years in the writing by the last of the Holtzapffel family, John Jacob. This incredible English family made the finest lathes in the world from 1780-1914. The books may truly be called the BIBLES of turning.



THE PRINCIPLES AND PRACTICE OF HAND OR SIMPLE TURNING - Teaches you to use your lathe with care and precision. Among the dozens of projects covered are the making of billiard balls, chandeliers, vases, inkstands and even the cutting of screws! 771 figures and 22 plates make it very easy to follow. For the beginner and the professional. Hard Cover, 592 pages.

DV-1 - Simple Turning - Holtzapffel \$16.00

THE PRINCIPLES AND PRACTICE OF ORNAMENTAL OR COMPLEX TURNING -

This is for you, if you are already an accomplished latheman. It is the most complete source-book in the field. As you read through this superb product of a lifetime of practical work, you will be amazed at what this man (and you) could accomplish with a lathe. 600 illustrations, hard cover, 656 pages.

DV-2 - Ornamental Turning - Holtzapffel\$16.00

RENAISSANCE

The Furniture Preservative Developed
for the British Museum - And You



RP-1

Renaissance is the result of 20 years of research by museum scientists to perfect a protective, preservative polish for their priceless national antiquities. It is now specified worldwide by museums, art galleries and restorers. Here's what it will do for your own showpieces:

Renaissance gently lifts the murky build-up of commercial polishes to leave surfaces delightful to see **and touch**. It is translucent so that years of application, on even newly made pieces, will not obscure grain or marquetry detail; indeed a Renaissance treated surface seems to catch the light and glow!

Renaissance provides a very hard, durable finish which protects surfaces against normal household spillages, **including alcohol**. Finger marks are easily buffed away. To top it off, very small dabs go a very long way and refinishing is less often needed, so it is, indeed, economical. Your best work - and even store bought furniture - deserve Renaissance.

RP-1 - Renaissance Wax (1/2 lb. can)\$7.00

Wood-Turning Tools

FACE-PLATE/END-GRAIN TOOLS -

These two shapes, for some odd reason, are not usually available in the U.S. - yet they are specifically designed for concave surfacing - a very basic lathe operation. They are called "inside" turning tools and each has its function: use the 6169 for inside turning of sharp angles and the 6170 for inside turning of all gradually rounded concave surfaces such as bowls and vases. Indispensable, if you do any lathe work. Swedish steel, Rockwell C62; 16" overall length, 7" blades.

6169 - Straight Inside Turning Tool...\$16.95

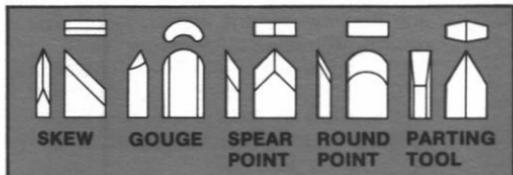
6170 - Round Inside Turning Tool....\$16.95

6970 - Both Inside Turning Tools
(save \$2.00)\$31.90



808

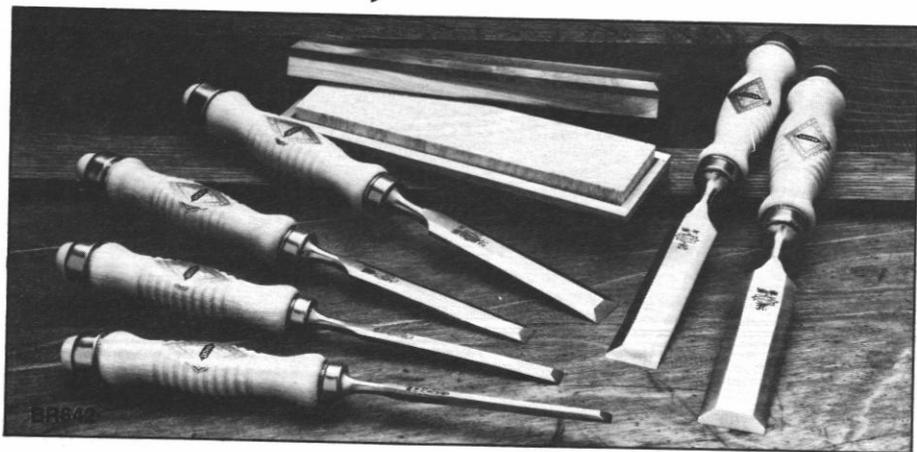
"BUCKS"



BUCK BROTHERS - 8 Piece Turning Tool Set - We've used the English and German lathe tools but we think the American "Bucks" are tops. The set includes one each 1/2" and 1" skew chisels; one each 3/8", 5/8" and 1" gouges; one 1/2" spear point; one 1/2" round point and one 1/2" parting tool. 10 1/2" ash handles. Overall length: a comfortable 16 1/2". Special "turning" steel.

808 - Turning Tool Set.....\$55.00

Heavy-Duty Chisels By BRACHT



6 PIECE CABINETMAKER'S BENCH CHISEL SET - Tungsten-Vanadium steel (Rockwell C61-63) blades are super tough. The incredibly comfortable Bracht ribbed-ash handles are reinforced with nickel-plated double "schlagrings" (German for "slam-rings") to withstand all the pounding you can give. From 10½"-12" long (depending on blade size). Set contains ¼, ⅜, ½, ¾, 1 and 1¼" width chisels.

BR642 - 6 Piece Chisel Set **\$44.95**



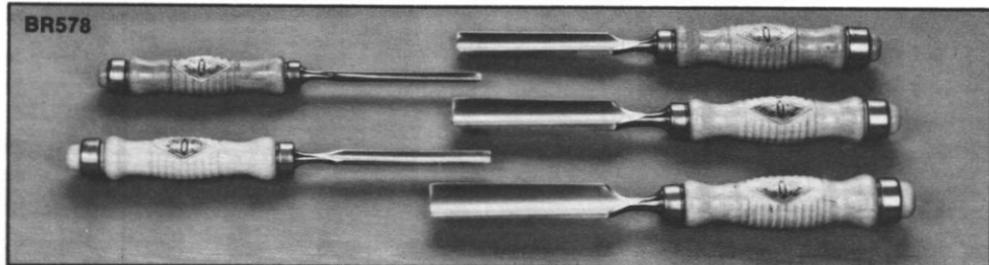
8 PIECE FIRMER CHISEL SET - Popular theory holds that "Firmer Chisels" are used for heavier work while bevel edge chisels are for finer work. We don't agree. The cutting edges are the same and that's where the work is done. We offer both because we recognize individual preferences. These chisels are of the same steel, handle construction and comfort as are the BR642's. From 10½"-12" in length; in widths of ¼, ⅜, ½, ⅝, ¾, 1, 1¼ and 1½".

BR844 - Firmer Chisel Set of 8..... **\$59.95**

Sculpture Tools by BRACHT



BR578

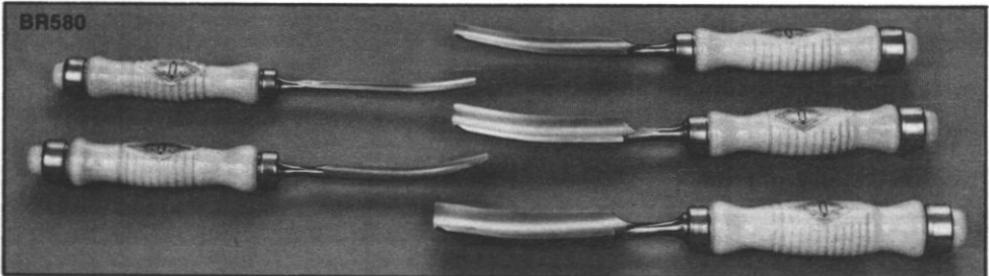


BR578 - SET OF 5 SCULPTOR'S FIRMER GOUGES - Very strong, heavy-duty gouges of Vanadium steel (Rockwell C 59-62). Ribbed, ash handle is shaped for comfort. Nickelled, double hoops assure long handle life under hard mallet (even hammer) pounding. (The German word for these hoops is "Schlagring" which literally means "slam ring".) Overall length of 1" gouge is 11 $\frac{5}{8}$ ". Set contains: $\frac{1}{4}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1" and 1 $\frac{1}{4}$ " widths.

BR578 - Sculptor's Firmer Gouge Set \$39.95



BR580



BR580 - SET OF 5 HEAVY BENT GOUGES - Superb Vanadium steel (Rockwell C 59-62) long bent gouges for clearing out difficult recessed areas. The incomparable Bracht, double-hooped handles are included, of course. Overall length of 1" gouge is 11 $\frac{5}{8}$ ". Set contains: $\frac{1}{4}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1" and 1 $\frac{1}{4}$ " widths.

BR580 - Heavy, Bent Gouge Set \$49.95

OUR CUSTOMERS SAY:

Recently I ordered a workbench and tools. I was most impressed with your efficiency and professional handling of the order. It was really a pleasure doing business with you.

I know that what I received is quality and, who knows, someday my sons may remember me while using Leichtigkeit products!

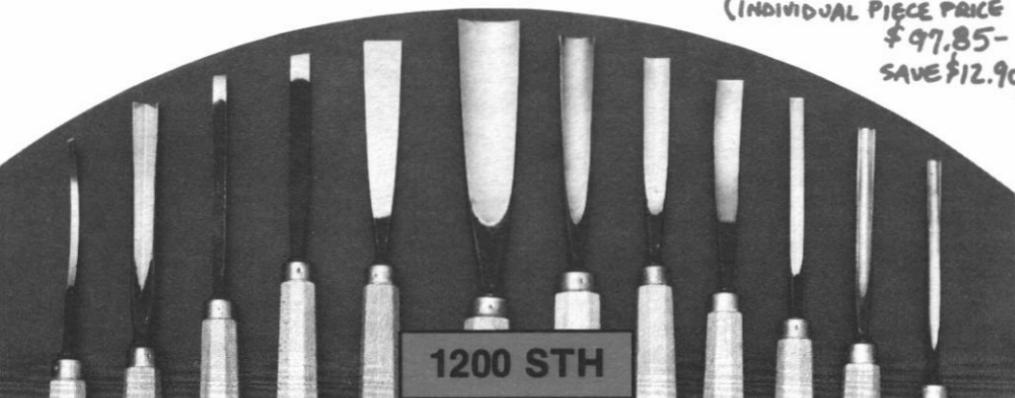
J. C. Burdette, Jr., Glen Arm, Maryland

Carving Tool Sets

STANDARD 12 PIECE PROFESSIONAL SET - A panel of experts selected the 12 most often used sizes and shapes from the hundreds available. We're sure you won't be disappointed. These sets are pre-honed. 9 1/2" - 11 1/2" overall length, Rockwell C58 - 60.

1200 STH - Standard Professional 12 pc. Set.....\$84.95

(INDIVIDUAL PIECE PRICE
\$97.85-
SAVE \$12.90)



1200 STH + 1200 ADH = 2400 SAH

Buy Both Sets and Save Even More!

We offer even further savings, if you order both the Standard and the Expansion sets at the same time.

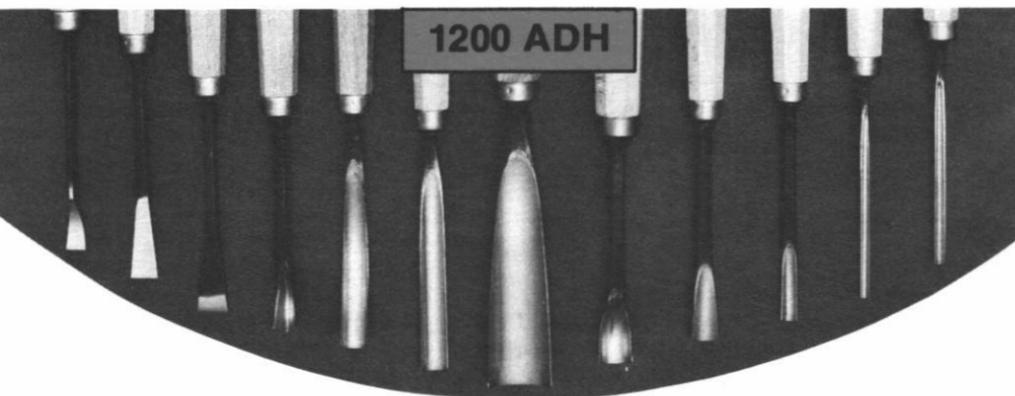
2400 SAH - 24 Piece Set (Honed).....\$164.90

(INDIVIDUAL PIECE PRICE \$203.15- SAVE \$38.25)

SET COMPOSITIONS:

1200 STH: #9 - 1/4" and 5/8" deep gouge; #26 - 1/2" shallow long bent gouge; #5 basic 1/4, 1/2 and 1 1/4" gouges; #3 - 3/4" shallow gouge; #11 - 1/4" extra deep gouge; #2 - 3/8" skew chisel; #22 - 1/8" long bent skew chisel; #1 - 1/4" chisel; #41 - 3/8" (90°) V tool.

1200 ADH: #50 - 5/8" short bent gouge; #52 - 1/2" shallow fishtail; #56 - 1/2" deeper fishtail; #58 - 1/4" U-shaped fishtail; #44 - 3/8" spoon V tool; #24 - 3/8" shallow spoon; #30 - 5/8" deep spoon; #45 - 1/8" V tool; #8 - 1/8" and 1/2" medium gouge; #30 - 1/2" deep long bent; #9 - 1/4" deep gouge.



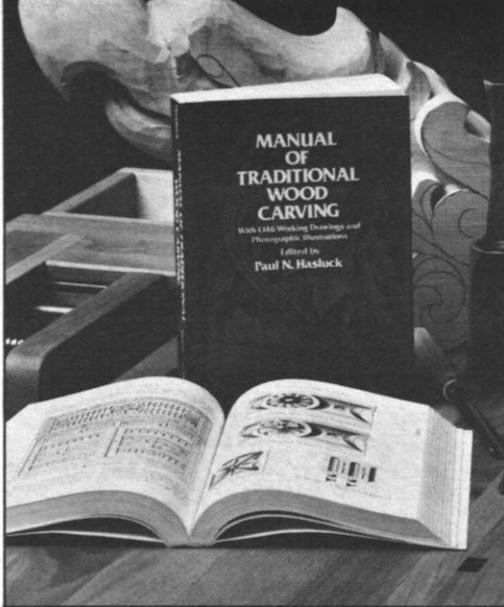
EXPANSION 12 PIECE PROFESSIONAL SET: The same panel of experts selected our 12 piece expansion sets for those of you who are more advanced in the carving arts and require even more of a variety of cutting tools. These, too, are 9 1/2" - 11 1/2" overall length, Rockwell C58-60.

1200 ADH - Expansion Professional 12 pc. Set.....\$84.95

Manual of Traditional Wood Carving - Hasluck

There are dozens of books on Woodcarving. We picked the one that says it all. This is **THE** definitive book on the art. Written in 1912 by a master, it thoroughly covers every conceivable facet of woodcarving from the properties of carving woods, to tool care, to design . . . as a matter of fact it can be used as a project book by novices and masters alike. Extremely easy to follow because it includes 1146 working drawings and photos within its 568 pages. This is not just another "how-to" book, this is the first through last word on carving.

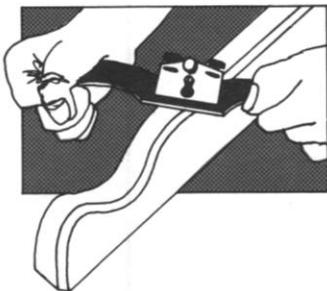
DV-3 - Wood Carving-Hasluck **\$7.95**



151SS

ADJUSTABLE SPOKESHAVE - The usual spokeshave is very difficult to adjust and keep in adjustment. The Stanley has two lateral and one vertical adjustments for the cutter. 10" overall length. Flat cutter is 2 1/8" wide. The best tool of its kind.

151SS - Adjustable Spokeshave..... **\$10.95**
C151 - Extra blade for 151SS **\$2.50**



The Razor Edges

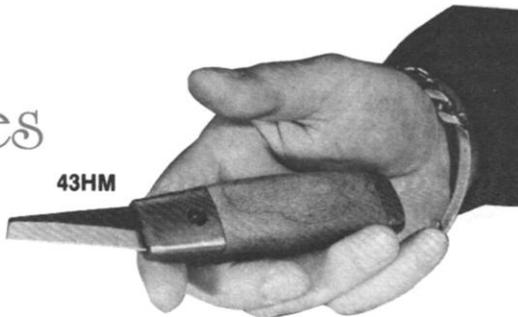
HA-10



BRASS AND ROSEWOOD CARVING KNIFE — Truly an extraordinary tool . . . beautiful, comfortable and very well made. Hacksaw steel blade extends all the way to the end of the solid brass handles. Genuine rosewood grips. 6" long.

HA-10 Brass Carver's Knife..... **\$10.95**

43HM



RUGGED CARVING KNIFE - Hacksaw steel blade can be ground to any shape you like - it extends all the way through the body. Brushed aluminum body, walnut grips. Set screw secures blade.

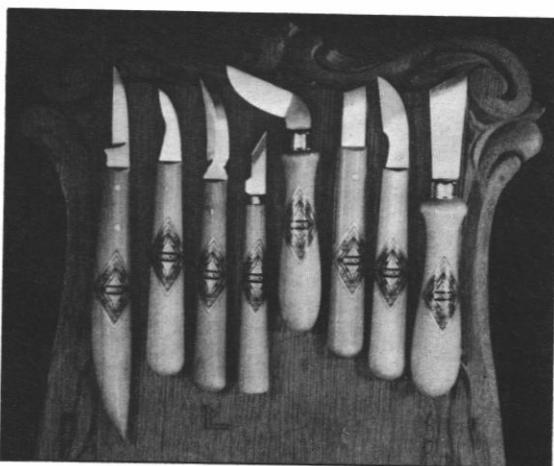
43HM — Rugged Carving Knife **\$6.50**

Get Into A Fun Hobby!

HBR8 - 8 PIECE CHIP CARVING SET

- These basic 8 pieces will make just about any kind of cut a whittler or chip carver would want. Hardwood handles are comfortably long — 5" to 6½". Blades of easy-to-sharpen special knife alloy will take and hold a razor edge.

HBR8 - Chip Carving Set.....\$22.50



For the Carver



206

SD-1



The Final Honing Touch

HORSEHIDE STROP - For the razor sharp edge. 2" wide x 23" long; with swivel.

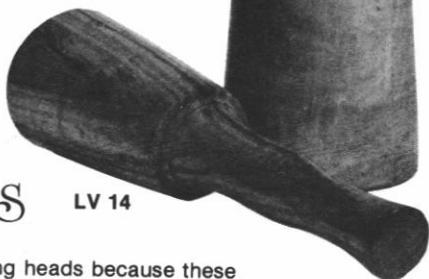
Remember?

206 - Strop\$9.95

SD-1 - 2 oz. jar of strop dressing.....\$1.95



LV 15



LV 14

Mallets

No loose or flying heads because these mallets are turned from single pieces of lignum vitae - one of the hardest woods known. They are waxed to inhibit checking.

LV-14 - Approx. 1 lb., Head 2¼"\$6.95

LV-15 - Approx. 1½ lbs., Head 3¼"\$7.95

Our New Super- Sculptor's Adz



137

This is the finest adz we've ever seen . . . and that's a plain fact! The second we saw it, we knew that we just had to have it in our catalog. After we tested it, there was no question about it.

This adz has a #8 sweep gouge bit, 2 $\frac{3}{4}$ " wide, and a curved bit almost 3" wide. The head is 9 $\frac{1}{4}$ " wide and the handle is 13 $\frac{1}{2}$ " long. A well-balanced 2 $\frac{1}{4}$ lbs. of beautifully finished, razor edged strength.
137 - Super Adz.....\$27.50

New Japanese Planer/ Shaper/Carver

When we first saw this tool (new to us but an old standby in the Orient), we were amazed by its simplicity of design and its functional versatility.

It is made of 10 two-sided (one side fine cut and one rough cut) hacksaw blades. These blades are intricately woven into diamond shapes which very effectively and very quickly remove wood. Unlike ordinary rasps, this tool doesn't clog.

We tested it as a planer to remove large amounts of wood quickly (using the rough cut) and it outperformed a surfboard plane. We flipped the cutting edge to the fine side and quickly smoothed the rough cuts.

We took a log and in 30 minutes carved a rough figure. We took a board and in 20 minutes had made an S curve.

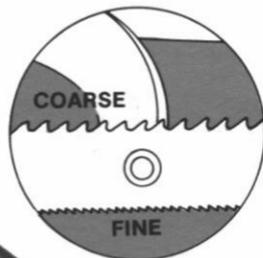
It is a time-saver and great fun to play with. In a couple of hours, you begin to appreciate that it can also do fine work. Cutting surface 10 $\frac{1}{4}$ x 1 $\frac{1}{4}$ ". Overall length is 15 $\frac{1}{2}$ ". Straight handle and knob handle for two hand control. Blade reverses (rough to smooth) in seconds; just loosen the knurled nut on top.

JR-10 - Japanese Saw Rasp
JR-11 - Saw-Rasp Spare Blade

\$11.95
\$5.95



JR-10



Solid Oak Cabinetmaker's Chest

You can spot a **real** craftsman by how he keeps his tools — and what he keeps them in. He has pride.

This chest is wonderfully constructed in a turn-of-the-century way which is a pure delight to behold. It is big enough to hold just about all of your most prized hand tools with ease. Felt-lined poplar drawers protect your razor-sharp cutting edges. Heavy nickel plated hardware recalls the old, quality days. Leichtung offers it to you with pride.

Specifications: Overall dimensions 26"x14x10 1/2". Top well interior dimensions: 25"x9 3/8"x3 1/4". Five hand fitted drawers: two are 11 1/2"x8 1/4"x1"; two are 24 1/4"x8 1/4"x1 1/2"; and the huge bottom drawer is 24 1/4"x8 1/4"x3". Two keys included. (Oak front cover ingeniously locks in place, when the top is latched to foil "tool-snatchers.")

GO-43 - Oak Tool Chest

\$199.00



PALM PUSHED CARVING TOOL SET

Where a knife can't make the exact cut you want and large, mallet-driven tools are sometimes awkward, these shorter tools easily make that controlled perfect cut. The "mush-room" handles of solid oak are the most comfortable we've ever seen and the shapes are ideally suited for just about any cut you'd ever want to make.

Overall length, approx. 5 1/2". The set contains a 1/2" straight chisel; a 5/16" skew chisel; a 7/16" straight gouge; a 5/16" bent gouge and a 1/4" V-parting tool. Extremely sturdy shanks of chrome-vanadium steel. Handles flattened slightly on the back for firmer grip and to prevent the tool from rolling off your bench and ruining a perfect edge.

FM-500 - 5 Piece Palm Carving Tool Set.....\$19.95



FM-460

Fine Detail- Carving Sets

6 TOOL LIGHT CARVING SET -

These tools are shorter and lighter than our professional tools (page 30) and so are frequently easier to use in fine detail work. Strong oak handles. Blades are a special chrome vanadium steel alloy. This very versatile set contains a 1/2" straight chisel; a 5/8" skew chisel; a 5/16" straight gouge; a 5/16" bent gouge; a 7/16" bent chisel and a 1/4" V-parting tool. Overall lengths approximately 6". Fine relief carving tools.

FM-460 - 6 Piece Light Carving Set.....\$19.95

DREMEL Moto-Tools

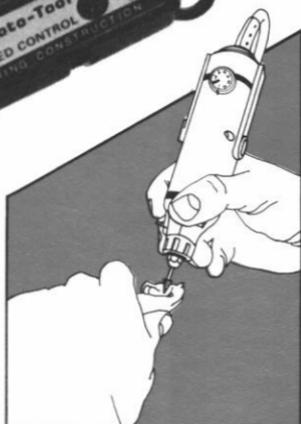
A Power Workshop in the Palm of Your Hand



MODEL D38

Variable Speed (5000 - 25,000 RPM)

100% BALL BEARING CONSTRUCTION



With this very handy tool you can carve, grind, sand, polish, drill, debur and more. Slower speeds for softer or fragile materials; intricate carving or deep drilling. Faster speeds for routing, shaping, grinding, and engraving.

Fingertip speed control.

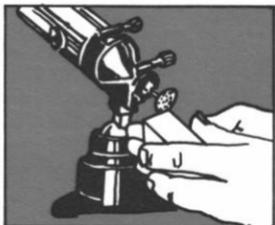
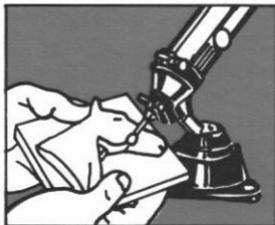
Ball bearing construction keeps the tool cool while using and increases its life many times.

Pick the accessories which best suit your needs, on the opposite page.

We've used just about every hand-piece power tool on the market and think that the Dremels are the best value for the money. You can buy dental drills from a dental supply house but the chances are that you'll spend up to 10 times as much - and not get any better results.

D38 - Variable Speed Moto-Tool.....\$54.95

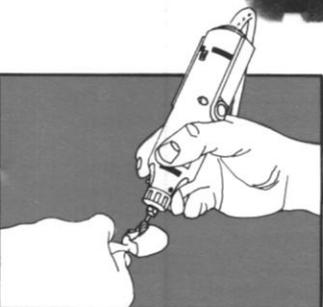
MOTO-TOOL HOLDER / BASE



A super accessory to either the D38 above or the D28 on the next page. It locks your moto-tool in any position, so you can control your workpiece with both hands. Adjusts to any angle around a 180° vertical plane and a 360° horizontal axis.

D217 - Moto-Tool Holder.....\$14.95





MODEL D28
SINGLE SPEED - 30,000 RPM
100% BALL BEARING CONSTRUCTION

If you work primarily with hard woods or gem stones, you may not require the variable speed feature of the D38 on the opposite page. The D28 has all of the features of the D38 except variable speed.

D28 - Single Speed MOTO-TOOL \$44.95

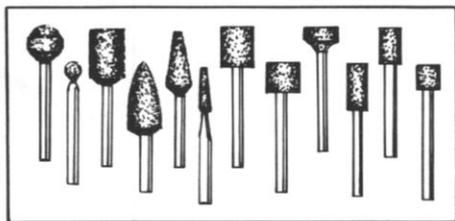
Choose the Accessories That Fit Your Jobs!



D990
SET OF OVER 30 ACCESSORIES

A very practical set containing bristle brushes, a $\frac{3}{32}$ " collet, drum sander, polishing wheels, twist drill, coarse sander bands, chuck wrench, cutoff wheels, dressing stone, mandrels, high speed cutter, mounted wheel points and sanding discs.

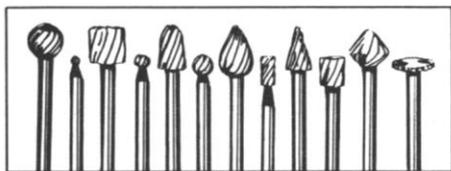
D990 - Accessory Set \$16.95



D206 - 12-pc. MOUNTED
ALUMINUM OXIDE
WHEEL POINTS

A dozen variously shaped abrasive wheel points which will grind or carve into darn near any space you just can't seem to get at any other way. Packed in a handy vinyl pouch. $\frac{1}{8}$ " shanks.

D206 - 12 Alox Wheel Points \$13.50

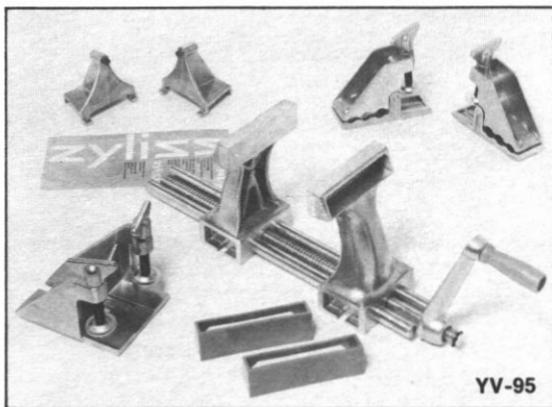


D220
12-pc. HI-SPEED
STEEL CUTTERS

A must set for the carver. These are quality cutters in just the shapes you are most likely to need. Lets you make those fine details, like facial expressions, that are so difficult with conventional carving tools.

D220 - 12 H.S. Steel Cutters \$30.00

Zyliss Vise System



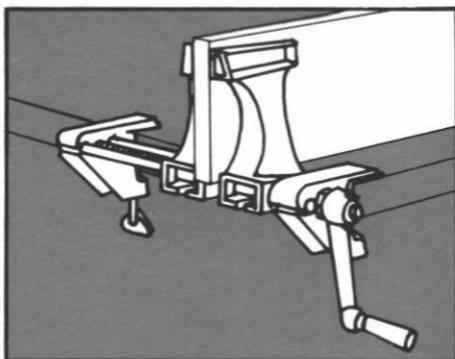
The Zyliss people do things the right way. When they decided to make a vise system second to none, they assembled a group of cabinet-makers and carvers and asked them a single question: "List every function that you would like a vise system to perform." Standing by were their Swiss engineers; questioning, taking notes and sketching. Two years later, the system was born.

In typical Swiss style, the finished piece is a jewel. Shown, are only some of the things a Zyliss can do. YV-95 - Zyliss Vise\$99.95

The ZYLISS SYSTEM comes to you packed as a kit complete with two bench clamps, two turning centers, an end stop, soft jaws and well-illustrated instruction book, as shown above.

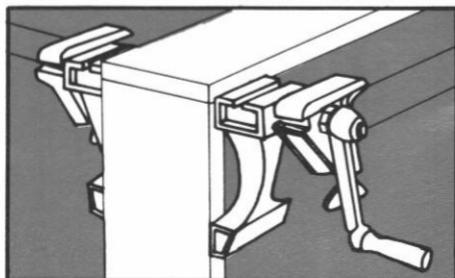
VERTICAL OR HORIZONTAL HOLDING

In this position, the work may be gripped vertically, by the thickness or width; or horizontally along the bench. Notice that the work is held in a 4 point grip (upper jaws and lower base) thus locking and boxing the work in.



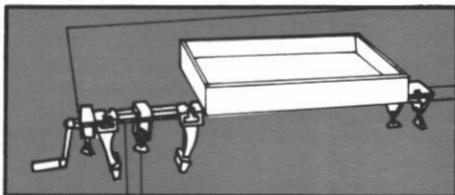
THE LOW JAW GRIP

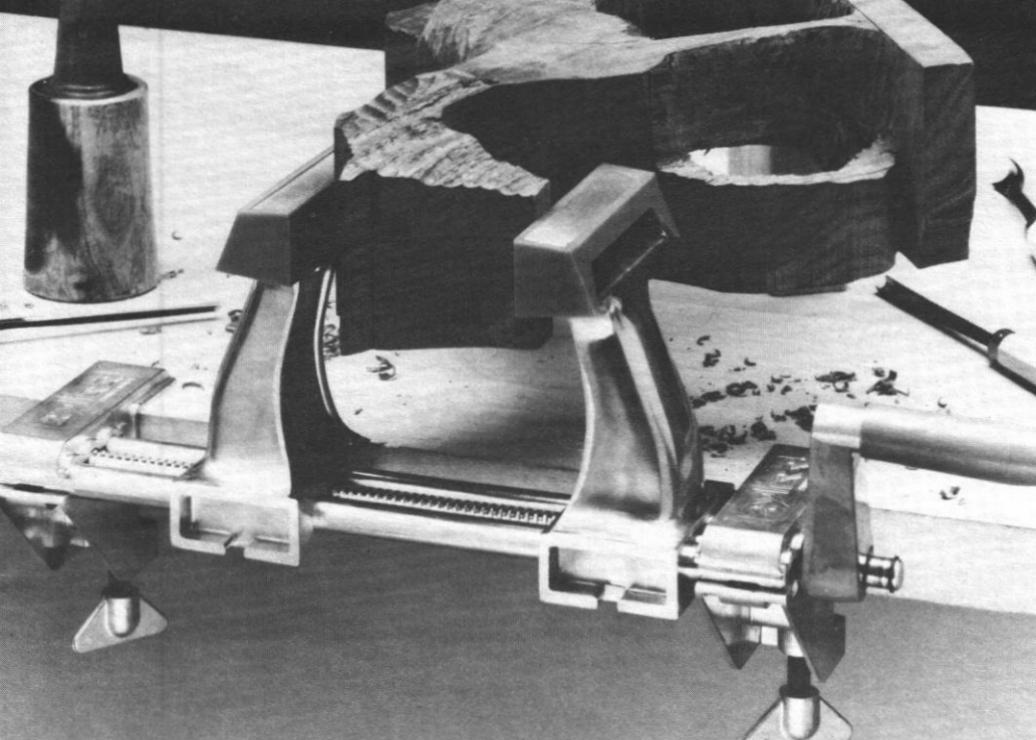
Flip the vise, as shown. Since the low jaw grip holds the **sides** of the work, you now can use your power planer, sander or router without the hindrance of usual clamps. Notice how convenient this position is for gripping a right angled joint for drilling, dowelling, gluing or nailing. Great for mitered joints.



FLUSH END STOP POSITION

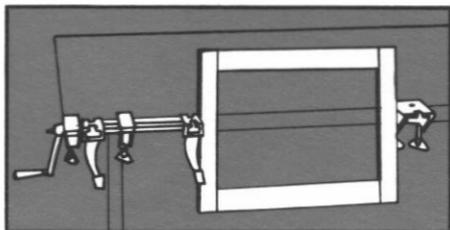
For workpieces larger than the 6 1/2" available on the "Low Jaw Grip," the end stop is used. The lip of the end stop and the base of the jaw are above the bench surface so that the limiting factor is the length of your bench. At last, a way to hold 8' sheet material while marking out or cutting!





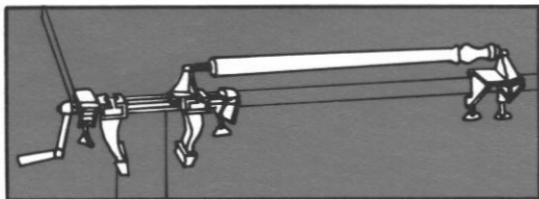
BAR OR SASH CLAMP POSITION

Reverse the moving jaw and use it to oppose the side of the end stop and you've got an ideal vertical hold, unimpeded by spindles. This is what you need for end grain planing, or edge planing doors and frames as well as gripping drawers and other rectangular pieces. In this position you can even hold the work at 45° angles for chamfering.



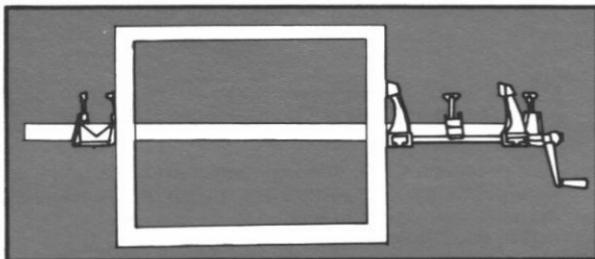
TURNING OR CARVER'S CENTERS

Designed to handle awkward pieces like table legs while sanding or finishing (without fingerprints!). These centers are a carver's delight because they'll grip just about any size or shape you're working on.

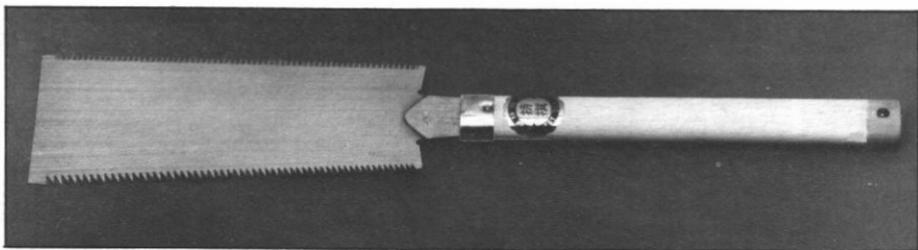


UNIVERSAL CLAMP

Reverse the moving jaw and mount the vise and the end stop on a 2 x 2 and you've got as long a clamp as you need to clamp doors, flooring, decking — what have you got in mind?



No Matter How You Slice It...

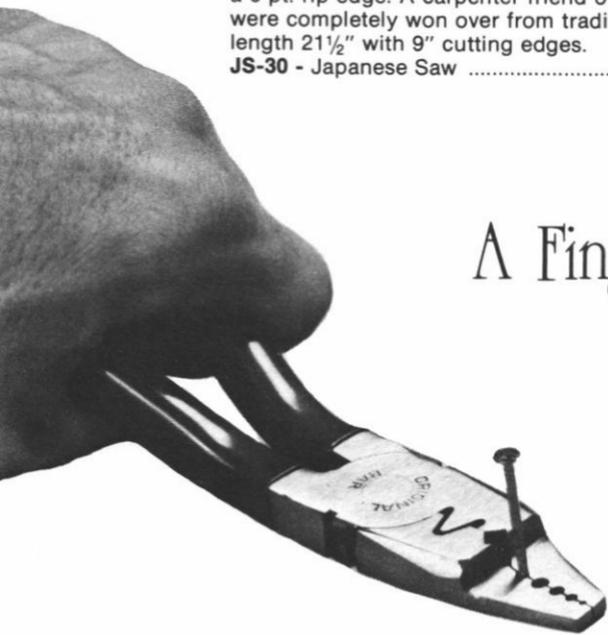


JS-30

Japanese saws cut on the pull stroke instead of the push. This permits a much thinner blade and the following advantages: more accurate cut, narrower kerf, no "bowing" as you cut and reduced friction. What's more, these saws need never be "set".

This particular style is rapidly gaining popularity in the U.S. because it has **two** working edges . . . a 14 pt. crosscut edge and a 6 pt. rip edge. A carpenter friend of ours let us use his and we were completely won over from traditional panel saws. Overall length 21½" with 9" cutting edges.

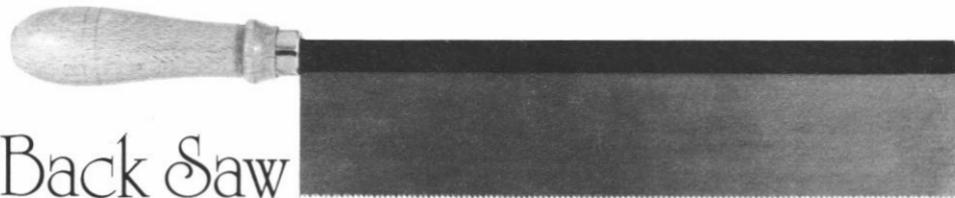
JS-30 - Japanese Saw \$10.95



A Finger Saver!

NAIL OR BRAD HOLDER - Don't let your fingers do the holding! If you've ever whacked your fingers while putting brads into molding . . . or nails into tight corners . . . relax! This holding plier has seven gripping surfaces and is offset so that it can reach almost anywhere, yet remain flush with the surface. A very high quality German tool. 8" long; vinyl covered handles.

B44 - Nail or Brad Plier \$8.50



Back Saw

For precision work, this 9¾" back saw of German tool steel is unbeatable. 13½ very fine points per inch with a 17/8" depth of cut. Rigid steel back and polished beech handle. A pleasure to use.

KB10 Back Saw \$3.95

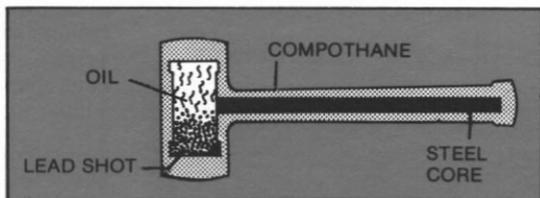


Tool Tote

Why carry a metal tool chest around — and add 10 lbs. or more to your load — when Leichtung's Tool Tote will carry **more** tools (it's a big 24 x 7 x 6") and weighs less than two pounds! It's made of heavy-duty burlap with PVC waterproof interior. The handles are canvas stitched over rope and run all the way around and under the tote. Fiberboard bottom internally and vinyl bottom (with 4 metal glides) externally, make for durability. "D" ring even lets you lock your tote. Heavy-duty nickelled zipper. Besides, who ever heard of burlap rusting?

TH-300 - Tool Tote **\$18.95**

No-Mar Assembling Hammers

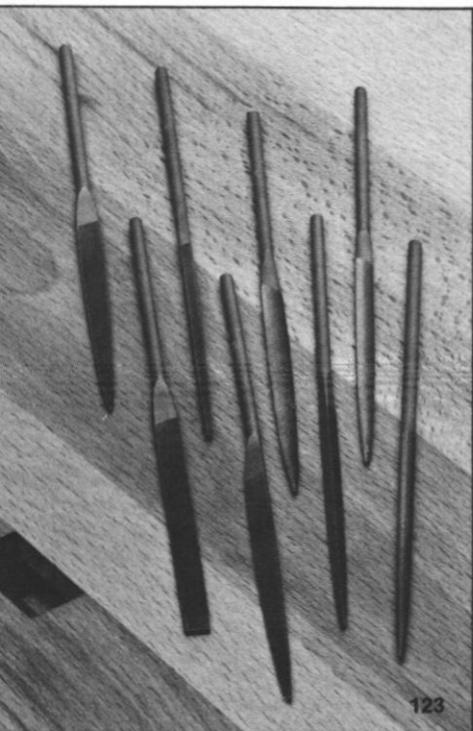


Lead shot, in a canister filled with oil, moves forward as you swing the hammer producing a no-bounce blow. The outer shell of compothane will not mar wood and can also be used to hammer dents out of metal. So these hammers are ideal for assembling or disassembling furniture, for driving lathe centers or to save wooden chisel handles.

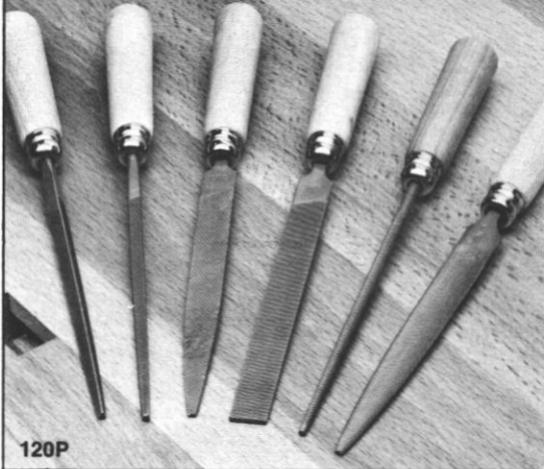
COM24 - 24 oz., 11" no mar hammer **\$14.95**
COM14 - 14 oz., 10" no-mar hammer **\$11.95**
COM8 - 8 oz., 10" no-mar hammer **\$10.95**

"Gotta Haves"

You've "gotta have" every item on these two pages. While you're thinking about it, why don't you add the ones you need to your order?



123



120P

SET OF SIX WARDING FILES - Made specifically to get into narrow places, so are excellent for carvers and machinists. 6 1/2" overall lengths. One each triangular, round, quarter-round, squared flat, pointed flat and square. All with ferruled, hardwood handles. German made. Fine cut. Plastic pouch.
120P - Set of 6 Warding Files \$9.95

8 PIECE NEEDLE FILE SET - These "O" cuts are tough, forged German steel. Longtime favorites of watch and instrument makers, model and tool and die makers. They are rapidly becoming standard equipment in fine woodworking shops. Each file is 5 1/2" long. Shapes as shown.
123 - Set of 8 Needle Files \$9.95



Mink Oil Nature's Own Leather Preservative



All leathers will dry, crack, and finally die like rotting wood, if the animal oils removed in tanning are not replaced.

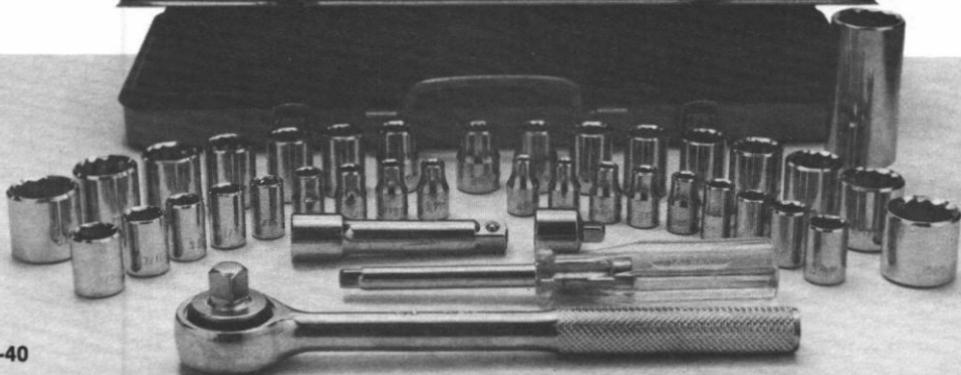
The best leather preservative we have found is natural mink oil. It not only keeps the leather supple and glowing as leather should be, but is the best waterproofing for shoes or boots there is. Furthermore, unlike silicone or petroleum based oils or waxes, mink oil lets the leather breathe so that perspiration can evaporate and not rot the leather from the inside.

It is easily applied, since it melts at hand temperature, yet it will not stain your socks or other clothes. No unpleasant odor.

Yes, you can use regular polish over a mink oil application because mink oil penetrates the leather fibers, while waxes and polishes stay on the surface. Use on all leathers: belts, boots, shoes, purses or coats. (I have a 23 year old belt which I treat a couple of times a year with mink oil. It is in better condition than when I bought it!)

MO-102 - Original Mink Oil Creme, 7 oz. Jar. \$2.50

C-40



A 40 Piece Set With Every Socket You're Likely To Need - At A Comfortable Price

Really several sets in one: 1/4" drive and 3/8" drive; SAE (inches) as well as metric. So, you can work on your foreign car or bicycle as well as on American machines. Yet the price for this very serviceable set is lower than many single-size sets.

Every piece has a full lifetime warranty of unconditional replacement, if it fails.

This is a special purchase. We have only 500 sets on hand. . . First come, first served.

SET CONTAINS

1/4" Drive Sockets

3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"; 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm.

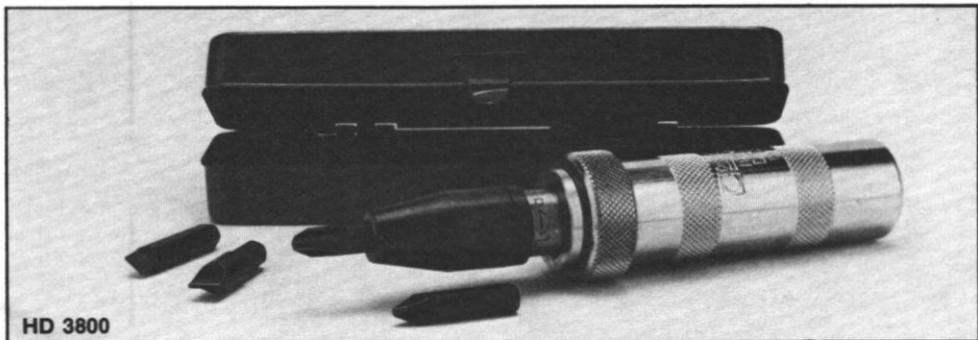
3/8" Drive Sockets

3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"; 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm.

PLUS

A 3/8" one-piece, reversible, 7/8" ratchet; a 3" extension, a 3/8" x 1/4" adaptor, a nut drive handle, a 13/16" spark plug socket and a steel tool box.

C-40 - 40 pc. Socket Set\$15.90



HD 3800

Impact Driver Unfreezes Nuts, Bolts and Screws Easily

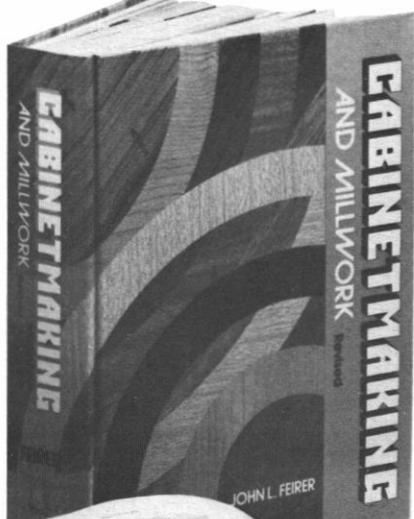
We've all come up against ornery bolts or screws which just won't come loose. Put this impact driver in position and whack it with a hammer. . . and you're home free!

The force of the hammer blow is converted into tremendous rotational torque which does the job. Once free, just go back to your screwdriver or wrench.

Since the driver is reversible, you can also set nuts, bolts etc. to their tightest.

3/8" square drive fits all 3/8" drive sockets. Included are 2 heavy-duty bits for slotted screws; one each #2 and #3 Phillips bits and a bit adapter. Very ruggedly made. 6 1/4" long x 1 1/4" diameter. Steel storage case.

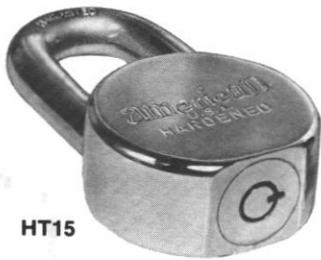
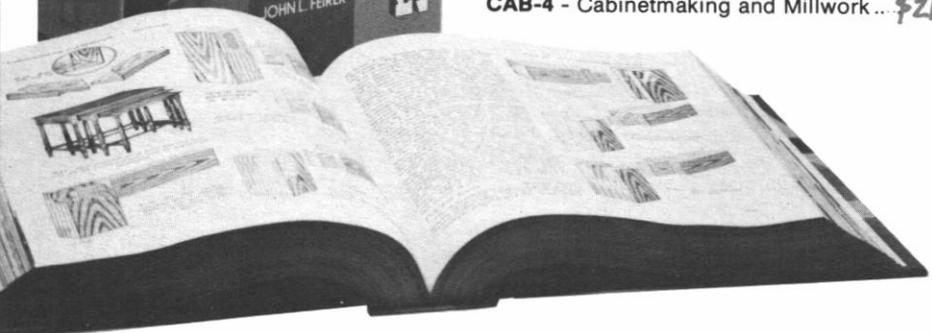
HD3800 Impact Driver\$9.95



Cabinetmaking and Millwork - Feirer

This is the Bible of the cabinetmaking arts! It's both a reference and a complete course of instruction on everything one needs to know to build furniture, cabinets, built-ins, interiors. . .finishing, how to get the most out of hand and power tools. Designs, materials, layouts, construction principles and more. 2300 illustrations, many in color, including a section on fine hardwoods. Hard cover, 992 pages.

CAB-4 - Cabinetmaking and Millwork... **\$21.95**



HT15



HT25



SUPERLOCK HASP

Protect Your Valuable Tools

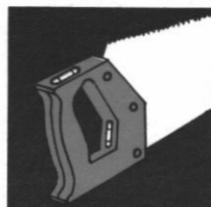
SUPERLOCK - Police experts agree that professional burglars can't be stopped. . .but can be discouraged! This lock will definitely foil any amateur and make even a pro seek easier pickings. Impervious to bolt cutters, files, hacksaws and drills. The tubular key with 7 pin tumblers (instead of the usual slot key) is just about pickproof - even by pro's.

The shackle is almost 1/2" of hardened steel. The one-piece case (about 1" thick) is triple-chromed steel hardened to Rockwell C62 - and that is superhard! The shackle opening is a large 1 1/8" x 13/16". Weighs 14 oz., 3 3/8" overall length. Includes 2 tubular keys.

HT15 - SUPERLOCK **\$11.95**

SUPERHASP - The matching hasp for Superlock. . .just as hard and tough. All bolts or screw holes are beneath 1/4" of hardened steel. 3/8" thick shackle. Hingeless design does away with the weak point of usual hasps. 7 1/2" of Cadmium plated, Rockwell C62 Steel.

HT25 - SUPERHASP..... **\$4.95**

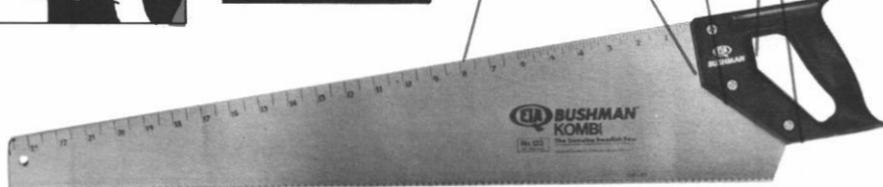


GRADUATED STRAIGHT EDGE

90° MEASURE

45° MEASURE

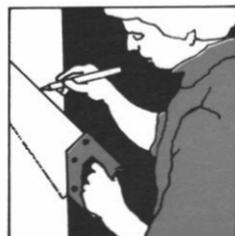
LEVEL



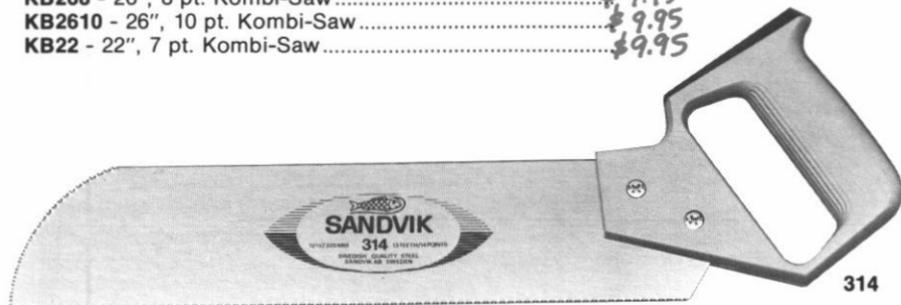
4-Way Combination Swedish Saw

First and foremost, these are very fine crosscut saws made of special Swedish steel. Experts generally agree that the Swedes produce the world's finest panel saws.

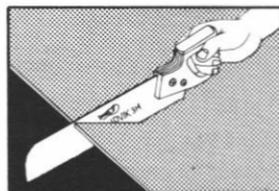
Clever design features turn a fine saw into a multi-purpose tool. Place the handle flush against your board and you've got a graduated try-square. Place the lower part of the handle flush against the board and you've got a perfect 45° angle. Place the top of the handle flat on your piece and there's a level built into the underpart of the handle! Darn clever these Swede's!



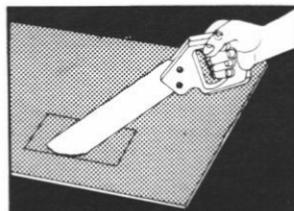
- KB268 - 26", 8 pt. Kombi-Saw \$9.95
- KB2610 - 26", 10 pt. Kombi-Saw \$9.95
- KB22 - 22", 7 pt. Kombi-Saw \$9.95



Swedish Laminate/ Veneer Saw



Teeth around the curved surface let you start your cut — even in the middle of panelling, Formica, plywood, veneer or masonite — by making a groove. Continue sawing until saw cuts through. This eliminates drilling or difficult plunge cutting with a saber-saw and the usual waste and mess. Handle angled for smooth operation without fatigue. Fine 14 pt. 12½" saw.



- 314 - Laminate Saw \$6.95

Leichtung's Professional Stone System

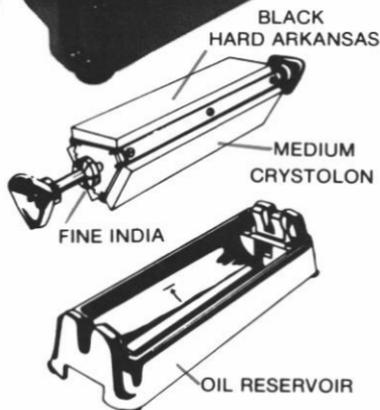
Includes huge surgical black Arkansas!

The surgical black Arkansas alone, unmounted, is sold by our competitors for over \$50.00. Our system is priced right!

Three stones . . . Medium Crystolon for a quick edge; Fine India for a smooth edge and Surgical Black Hard Arkansas to remove even microscopic burs . . . are each a big 11½" x 2½" x ½". The stones are triangularly mounted in a steel frame so that two are always immersed in the oil reservoir. The mounting is easily rotated through the reservoir, yet the desired "up" stone locks flat for complete stability. Dome cover keeps system dust free, when not in use.

The system is large enough to hone any cutting edge and assures properly oiled stones at all times. Complete with 16 oz. of honing oil.

HR1155 - Leichtung Professional Honing System.....\$99.90



Ordering Information

LEICHTUNG
"THE Workbench People"
701 Beta Drive No.17
Cleveland, Ohio 44143

TO ORDER: Please use the easy order form opposite this page or any handy paper.

TELEPHONE ORDERS: By all means use our TOLL FREE number to order. Call 800-321-6840. We'd appreciate it if you'd have your Mastercharge or Visa card ready, along with a list of the tools you want so that we can take your order efficiently.

If you plan to pay by check, please mail your order in.

QUESTIONS: Please direct all questions about your order to our "Customer Service Department" either by mail or phone (216-461-4677). Please do not call our order department's toll free number because the people in that department will not have the answers. Sorry, we cannot accept collect calls.

PAYMENT: We accept Mastercharge and Visa, money orders and cashier's checks. Personal checks are, of course, accepted upon clearance. No C.O.D.'s please.

\$10 MINIMUM NET ORDER: We've found that we lower our order processing costs substantially by requiring a minimum net order of only \$10.00. These savings are passed on to you in the form of lower prices. We know you'll understand and we appreciate it.

LAYAWAY PLAN - Take the strain off your budget!

1. Use the order form to order.
2. Send at least 25% of the total net order amount. Note: minimum layaway order is \$100.00 in which case, for example, you would send at least \$25.00 with your order.
3. After this initial payment, send additional payments whenever it suits your budget. The only stipulation is that the total bill is to be paid within 90 days. If not paid in full in 90 days, all payments will be returned to you and the order cancelled.
4. Your purchases will be shipped when you have completed payment.

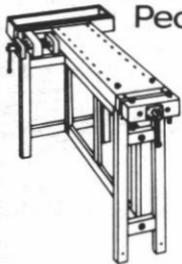
IF YOU DECIDE TO CANCEL YOUR ORDER, YOU WILL RECEIVE A FULL REFUND. THERE IS NO CARRYING CHARGE.

OUR GUARANTEE - If you are not entirely satisfied with any purchase, you may return it within 30 days for a full refund of your purchase price. Send it back with your name and address and the one word, "REFUND".

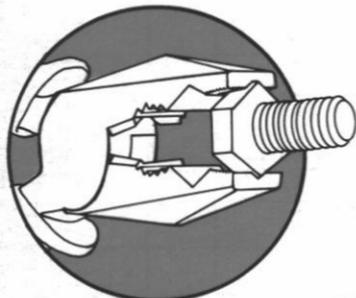
LEICHTUNG
 701 Beta Drive No.17
 Cleveland, Ohio 44143
 Phone (216) 461-4677 **INC.**

BULK RATE
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PAID
 LEICHTUNG, INC.

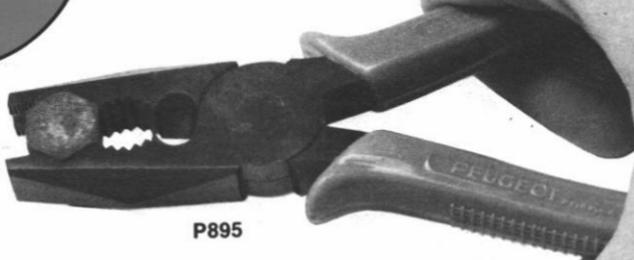
"THE Workbench
 People"



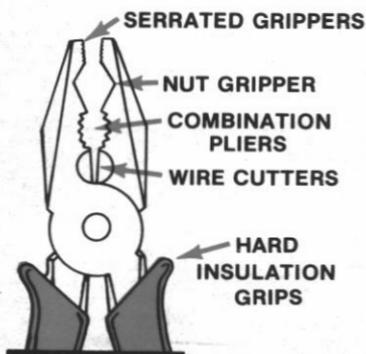
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Nut Pliers PLUS



P895



You should have one of these in your car and another in your tool box.

No other pliers we know of are actually designed to grip nuts. Ordinary combination pliers tear 'em up. Leichtung's nut pliers have specially shaped openings in tip and sides to grip a wide size range of nuts firmly.

They are also combination pliers and wire cutters with comfortable, insulated handles to reduce the hazard of electric shock.

A heavy duty, beautifully made French tool from the Peugeot car people. 7¼" long.

P895 - Nut Pliers \$10.50