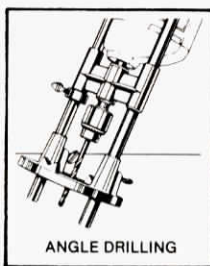
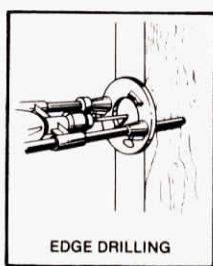


DRILLING ROUND STOCK



ANGLE DRILLING



EDGE DRILLING

ATTACHES TO YOUR ELECTRIC DRILL

Many Uses For New Drill Guide

One of the most versatile shop tools we've seen is the Portalign drill guide. It can turn your hand drill into a precision shop instrument.

Billed as the "super guide", the Portalign attaches to your conventional drill between the chuck and drill itself. Once mounted, the guide can remain for any job — precision 90° drilling, angle drilling, routing and more.

The Portalign can be attached to any 1/4 in. or 3/8 in. drill with a removable chuck and a body width of less than 3 in.

Removing the chuck is not difficult if your drill, like most, has the chuck threaded on. With the chuck removed, the Portalign is screwed onto the shaft of the drill and the chuck attached to the adaptor shaft. Portalign can be used with twist drills, wood boring bits, spade drills and hole saws up to 2 1/4 in. in dia.

For 90° drilling, the guide rods are set so the baseplate rests flat on the work surface. If you are not drilling through the piece, the depth stop can be set to drill an accurate depth.

For drilling angled holes, simply extend the guide rods through the baseplate a measured distance for the

right angle. The rod ends and the edge of the base form a tripod for accurate and repetitive angle drilling.

V-blocks on the guide's base hold small round stock for 90° drilling. Round stock can be drilled either with the V-blocks supporting the work, or with the V-blocks reversed and resting on the work.

The baseplate can be bolted to the underside of a bench or table so that the tool can be used as a fixed shaper, rotary file or drum sander. This may not be the most practical idea, though, since the drill would only be supported by a single finger-tightened set screw. To be safe, the drill should have the additional support of some type of makeshift sling, says the manufacturer.

The Portalign can also be used, in a limited way, for routing and shaping.

The Portalign is cast aluminum, with steel guide rods. Sells for \$19.99 and is available from Sears, Montgomery Ward, J. C. Penny and other chain stores.

For more details, contact: FARM SHOW Followup, Portalign Tool Corp., 4903 Pacific Highway, San Diego, Calif. 92110 (ph 714-297-7750).

PREVENTS SAW KICKBACK AND BINDING

Can You Use A Kerfkeeper?

"The Kerfkeeper keeps the slit or kerf made by a saw open to prevent saw kickback and binding," says James A. Barret, marketer of this popular and versatile shop helper.

The KerfKeeper is inserted into the slit made by a saw and "clamped" in position to firmly hold both sides of the material being cut. It can be used with a handsaw, portable power saw or table saw.

In addition, the KerfKeeper may be used as a conventional clamp to hold materials for repair or construction. "It's especially handy for holding thin edges when welding, soldering and gluing," Barret points out.

The body of the KerfKeeper is made of heavy gauge steel and plated to prevent rust. Its clamping area is 3 1/2 in. x 2 1/2 in. and its normal max-

imum work thickness is 7/8 in.

Sells for \$3.95.

For more details, contact: FARM SHOW Followup, James A. Barret, President, Distributor-Sales, Box 363, Woodstock, Ill. 60098 (ph 815 338-1174).



NON-SLIP PULLING JAWS LOCK INTO PLACE

New-Style Gear, Bearing Puller

Non-slip pulling jaws of the new-style Posi Lock puller from Ray-Mac, Inc., are held in perfect alignment by a sliding cage, allowing the puller to securely grip all bearings, gears, sprockets and pulleys.

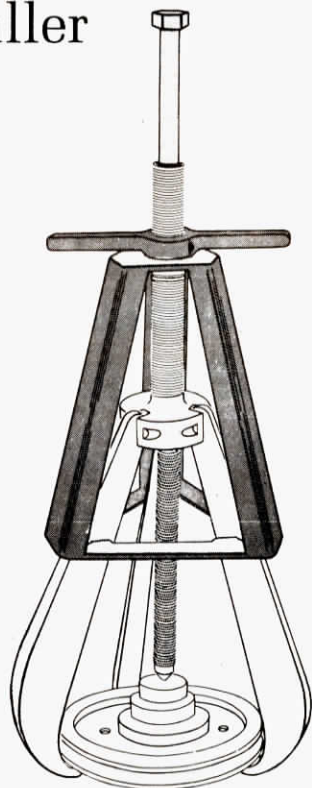
The jaws can be spread from 1 to 15 in. apart by sliding the cage back and forth. They're clamped to the bearing or gear by tightening the t-bar, which moves the cage. Once clamped into place, the Posi Lock will not tip or fall off during the pulling operation, according to Ray-Mac, even when the center pin is struck with a hammer.

The Posi Lock will even grip the ball groove of a ball bearing race, eliminating the need to cut the race from the shaft. It can be used with the jaws clamped to three pull bolts provided on some sheaves and gears.

Since the jaws on the Posi Lock clamp down on whatever is being pulled, the puller can be used by one person.

Sells for approximately \$90.

For more information, contact: FARM SHOW Followup, Ray-Mac, Inc., Gwinner, N. Dak. 58040 (ph 701 678-2452).



SAME MATERIAL USED BY TOOL MANUFACTURERS

"Do-It-Yourself" Hard-Facing Rods

Adams Hard-Facing Company, leading manufacturer of hard-faced tillage tools, is now making available for do-it-yourselfers the same alloy rods used in the company's Guyman, Okl., plant.

The special rods, made by the centrifugal casting method, can be used on the cutting edges of cultivator shovels, chisel plow blades, dozer blades, and on the tines and teeth of many farm and industrial tools.

Adams Hard-Facing Alloy Rods come in 5-lb. cartons for the do-it-

yourself, and in 50-lb. cartons for volume users.

Adams also make the Adalloy Plow Point Bar that welds directly to blades to prevent the buildup of worn blades, and Adams Hard-Facing Paste which is applied to the edge to be hard-faced, then bonded with an acetylene torch.

For more details, contact: FARM SHOW Followup, Adams Hard-Facing Company, Guyman, Okl. 73942 (ph 405 338-3326).