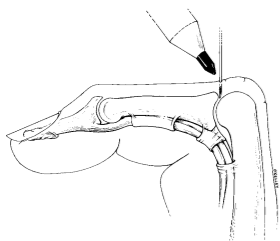


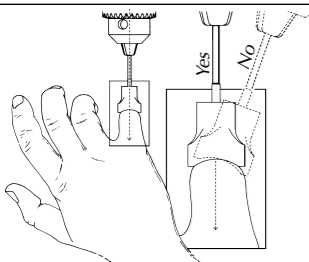
WARNING:

Pin installation should be done under fluoroscopic control.

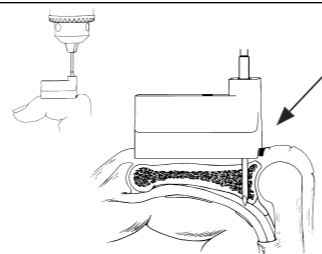
Careful control of pin location and depth prevents damage to the joint surface and underlying flexor tendons.



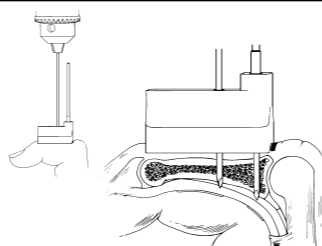
- 1** Find the PIP joint space with a needle and mark with a skin scribe.



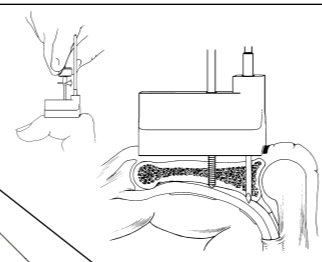
- 2** Align the proximal end of the **Drill Guide** with the skin mark. (fig. 3) Take care to center the Drill Guide on the dorsum of the finger so the drill will follow an axis which projects parallel to the proximal phalanx.



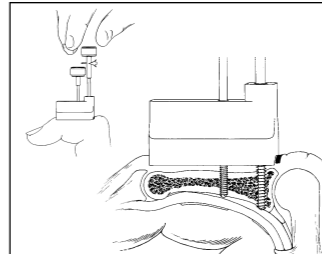
- 3** Using a power drill, insert the **Proximal Pre-Drill** through both cortices of the middle phalanx. Disengage chuck from Pre-Drill. Do NOT remove Pre-Drill from bone.



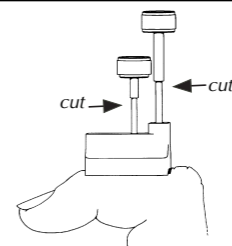
- 4** Using a power drill, insert the **Distal Pre-Drill** through both cortices of the middle phalanx. Keeping the Drill Guide aligned with the pre-drilled hole, remove the Distal Pre-Drill from the bone. Maintain Drill Guide alignment until Step 5 is completed.



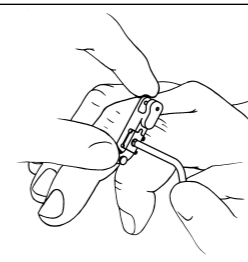
- 5** Manually insert the **Distal Pin** into the pre-drilled hole. It should extend through, but not beyond, the palmar cortex of the middle phalanx.



- 6** Maintaining alignment of the Drill Guide with the pre-drilled hole, remove the Proximal Pre-Drill. Manually insert the **Proximal Pin** into the pre-drilled hole so that it extends through, but not beyond, the palmar cortex of the middle phalanx.



- 7** Make initial pin cuts just below each pin's shoulder to allow Drill Guide removal. The pins must be trimmed to final length only after the next step of installing the **Pin Block**. Remove the Drill Guide.



- 8** Use the **Hex Wrench** to loosen the pin clamp screw a couple turns. Slide the Pin Block over the pins until it is approx. 3/16" (5 mm) above the dorsal skin. Tighten the pin clamp screw. Cut off the bone pins so that they are flush with the top of the Pin Block.



Proximal Pre-Drill



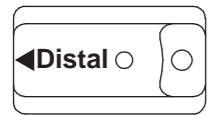
Distal Pre-Drill



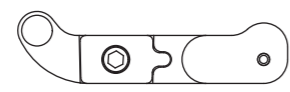
Distal Pin



Proximal Pin



Drill Guide



Pin Block



Hex Wrench



Label P/N 323600A © 2001-2003 Hand Biomechanics Lab, Inc.
Digit Widget is a trademark and hand/arc logo is a registered trademark of Hand Biomechanics Lab, Inc.

Hand Biomechanics Lab, Inc.
77 Scripps Drive, Suite 104
Sacramento, CA 95825
(800) 522-5778
(916) 923-5073

Digit Widget™

External Fixation System

For treatment of PIP joint flexion contractures. Maintenance of joint extension depends on identification and treatment of force imbalance causing contracture.



Condensed Surgical Guide

WARNING:
This Digit Widget™ Condensed Surgical Guide is meant as a reminder only for pin installation. Refer to the Surgeon's Manual for complete installation instructions.