

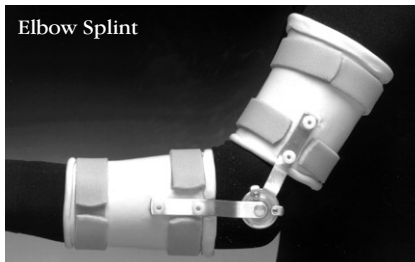


Phoenix Hinge

Indications

Ideal for limiting or progressively increasing range of motion for post operative elbow or wrist conditions and fracture bracing. The elbow can be locked into position or moved within a desired range.

The lightweight Phoenix Hinge weighs only two ounces (56.7g). The moveable stops make range-of-motion adjustment simple. Attachment is easy with thumbnuts and screws. A ball bearing joint keeps friction to a minimum.



Materials Needed For The Splint

Phoenix Hinge Splint Kit includes:

- (1) Hinge
- (8) Binding Head Screws
- (4) Thumbnuts
- (1) Hex Wrench

Not Included In Kit:

- $\frac{1}{16}$ " (1.6 mm) Splinting Material [or]
- $\frac{1}{8}$ " (3.2 mm) Splinting Material
- Hook and Loop

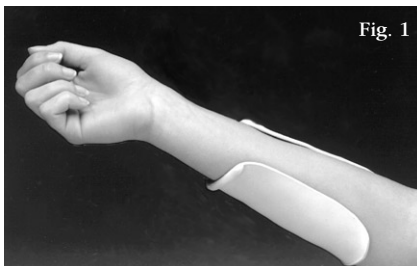
Only four of the binding head screws are needed to make the splint. Use the longer screws with $\frac{1}{8}$ " (3.2 mm) thermoplastic splinting material and the short screws with $\frac{1}{16}$ " material. The thumbnuts can be used with both the short and long screws.

Note:

For larger clients or those involved in heavy activities, two hinges may be used. Use one medial and the other lateral. In most cases, a single hinge provides adequate strength.

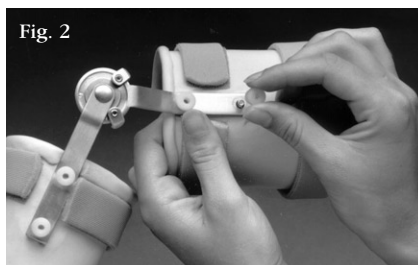
Instructions For Elbow Splint

1. Fabricate humeral cuff and forearm cuff using thermoplastic splinting material. A thumb hole wrist splint, ulnar gutter splint or another desired wrist splint may be used in place of a forearm cuff. (Fig. 1)

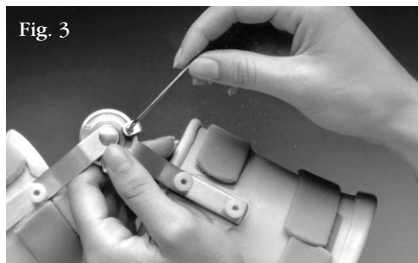


Phoenix Hinge

2. Align the axis of the hinge to the involved joint. Mark and punch holes in the cuffs at the points of attachment using the hinge holes as guides. Attach the Phoenix Hinge with the binding head screws and thumbnuts. (Fig. 2)

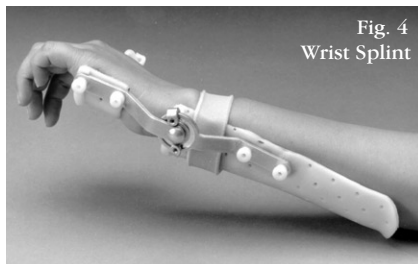


3. Adjust motion stops to limit the elbow in the desired range of motion. Remove motion stops for full flexion and extension or when splint is used to control forearm rotation. Hex wrench included for easy adjustment. (Fig. 3)



Instructions For Wrist Splint

1. The hinge may also be used to make a wrist splint, as shown, or for the making of a pediatric splint. Follow the steps indicated above, but use a palmar piece for the distal attachment of the hinge. (Fig. 4)



Order Information

(Based on length of one arm of hinge.)

NC15451 3½" Wrist or Pediatric

NC15452 5¼" Female/Average Male

NC15453 6¾" Large Male

To be used under the guidance of a qualified medical professional.



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