

# No.4950 Knot Remover MADE IN JAPAN

— For regenerating dead knots and missing knots. —



Hole...5mm-25mm  
Drill Length...80mm  
Shaft Diameter...10mm



① Drill out the knot.

② Shave with a wooden plug.

③ Turn into a live knot.

## No.4950

### Knot remover

in diameters from 5 mm - 25 mm (3/16 in. - 1 in.)



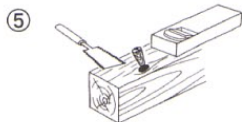
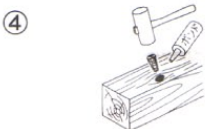
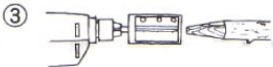
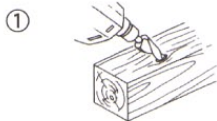
#### Specifications

★ Hole Ø 5 - 25 mm (3/16 in. - 1 in.)

★ Drill length 80 mm

★ Shaft diameter  
10 mm (3/8 in.)

#### Directions



This high-quality knot remover and patching set is suitable for removal and plugging of knots from 5 mm (3/16 in.) to 25 mm (1 in.) in diameter. The pointing tool resembles an oversize pencil sharpener, measuring approximately 120 x 56 x 44 mm (5 in. x 2 in. x 1 3/4 in.) and weighs approximately 1.1 lbs (530 g). Shaft diameter is 10 mm (3/8 in.); a 1/2 in. drill is required.

The ring contained in the set serves as a gauge to help you to determine the maximum diameter of the branch or dowel used to fill the hole.

Drill out the knot with the appropriate conical bit. The angle at which the drill is held controls the shape of the hole.

Chuck the pointing tool into your drill and sharpen the branch or dowel.

#### Note:

When sharpening the branch or dowel, either the drill or the wood must be securely held, e.g., in a drill stand, clamp, vise, etc. (never in your hand!). If the drill is held, in a drill stand or other fixture, feed the workpiece into the pointing tool slowly and with light pressure. The workpiece must be left long enough so that it can be comfortably gripped.

Cut the pointed piece to suitable length, coat it with glue, and insert it into the hole that you've drilled.

**SHOGUN** Miki Tool Co., Ltd.  
Made in Japan