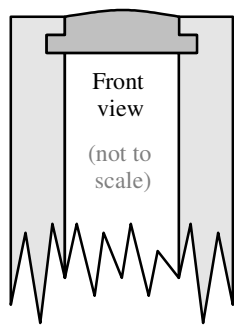


+

Profile of
16" long
sliding lid
shown. Fits
in cover
slots...



Front Center - Detailed Separately

CHU-KO-M

Optional Cutout on Magazine

Cut
then
two
Alter
thick

Bottom Center - Detailed

Slide Guide - 2 required
Detailed Separately

Bow s

Bow Slot
Pivot 6 deg.
Through all.

Wood Grain Direction

+

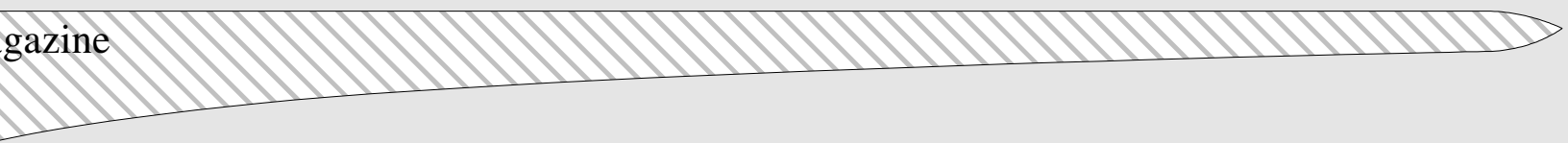
+

+

cover slots

D-NU

Magazine

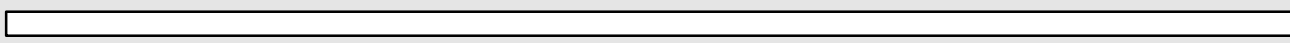


Magazine Sides - 2 Required

Cut from 3/4 inch thick hardwood, then cut in half vertically to make two sides, and plane smooth. Alternatively, cut from two 1/4 inch thick pieces.

← Wood Grain Direction →

Bow String Slot



Detailed Separately

Trigger Hole - Detailed Separately

Bow slot set at 6 degree angle from this line...

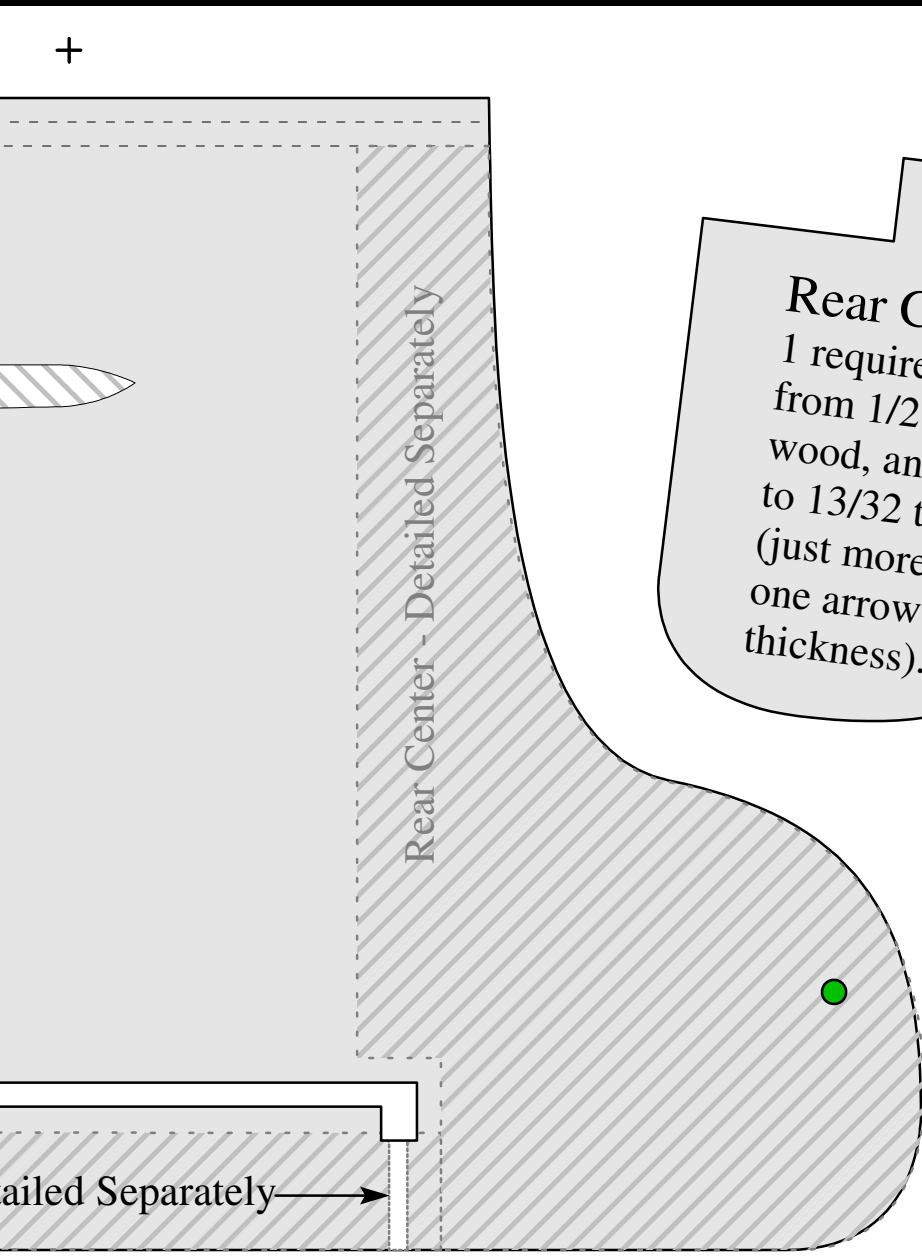
Stock - 1 Required

1" thick. Try to find a piece where the grain ● follows the contour of the handle

+

This plan is intended to be used with assembly details, which are available from www.donsplans.com.

+



Rear Center - Detailed Separately

Detailed Separately

Rear Center.
 1 required. Cut from 1/2" hardwood, and plane to 13/32" thick (just more than one arrow's thickness).

Bow Support

Wood Grain Direction

Warning:
 This device is dangerous to construct and to operate. Use only under competent adult supervision. You are fully liable for your own actions.

Front Center. 1 required.

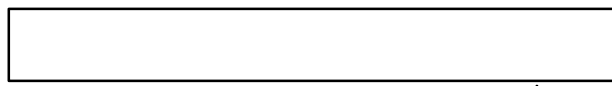
Front Center. 1 required.
 Plane to 13/32" thick.

Wood Grain Direction

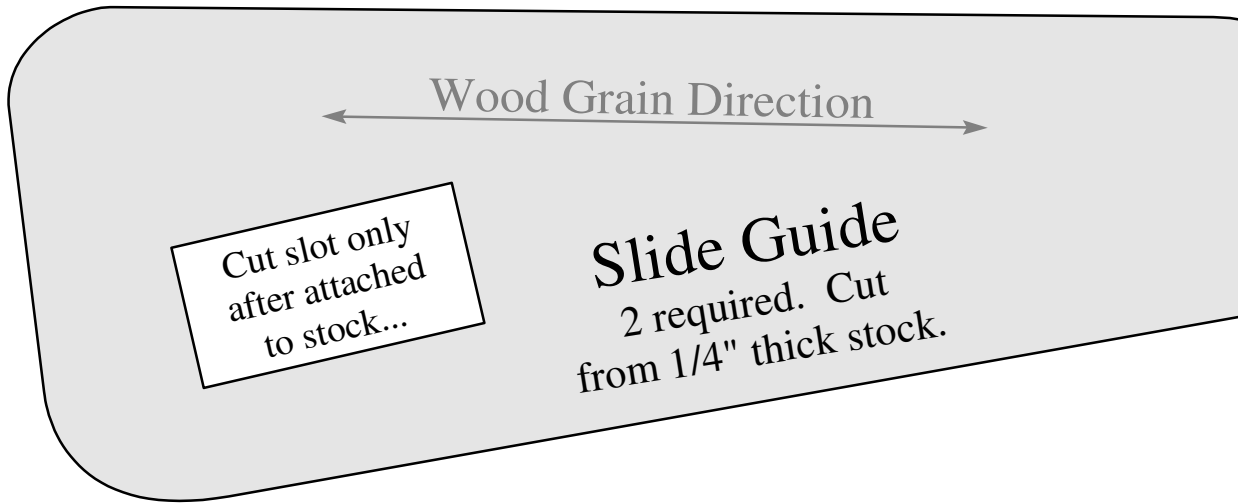
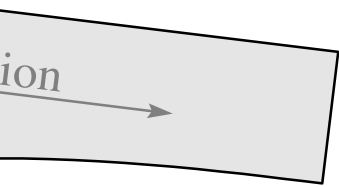
Note: drill magazine, stock, and lever sides with an 11/64" drill bit (noted by green circles).

the handle.

Arm Rest. One required.
 Try to find piece with curving grain to follow.
 3/4" thick

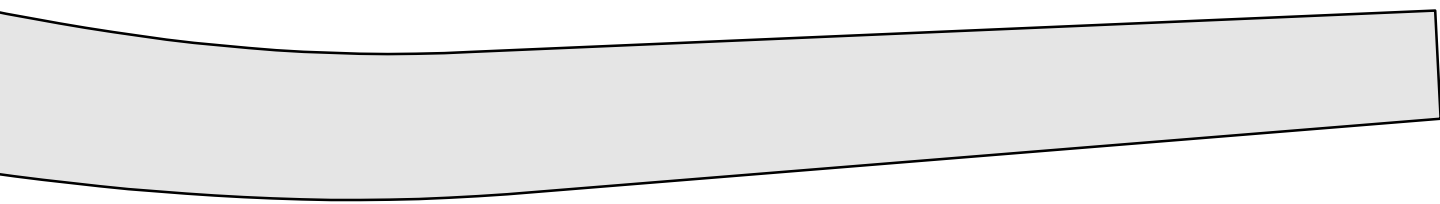
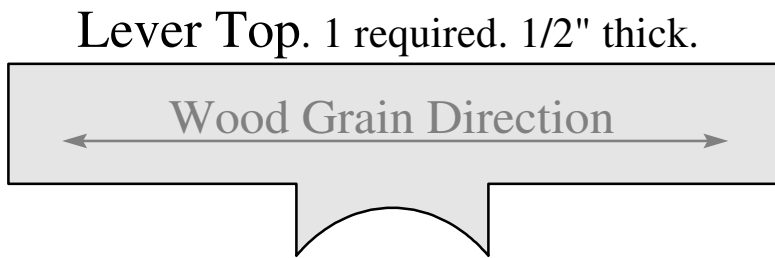
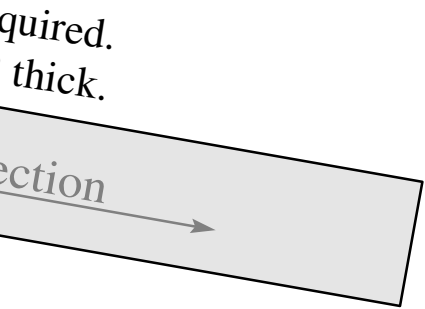


+ Support Block. 1 required. 3/4 thick. ← Wood Grain Direction → +

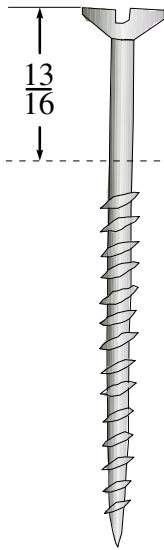
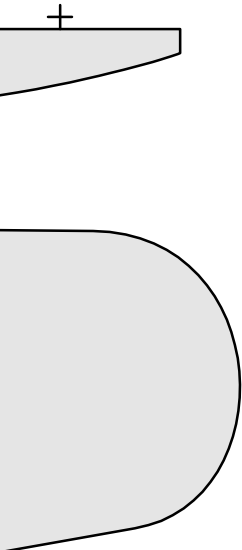


Warning:
is dangerous both to
d to operate. Build
e only under com-
pervision. You are
r your own actions.

enter. 1 required. Plane to 13/32 thick. ← Wood Grain



Bolt - Make from 3/8" dowel rod.



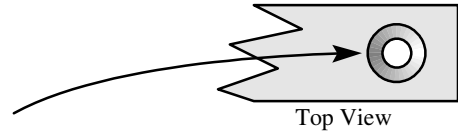
Firing Pin.

Cut 3 1/2" drywall type screw at 13/16"

13/16

You **Tube**

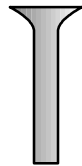
Watch us build this for hints and ideas. Search "Build a Chu ko nu."



Top View

Trigger hole. Drill vertically at a large enough diameter that firing pin slides freely. Counter-sink so that pin drops completely into slot.

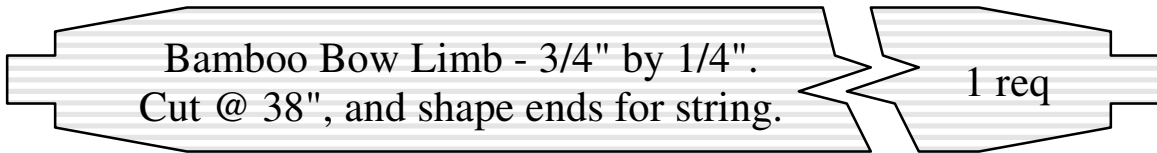
Completed pin



Wood Grain Direction

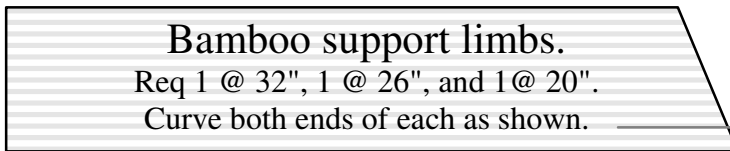
Side. 2 required. 3/8 thick.

Wood Grain Direction



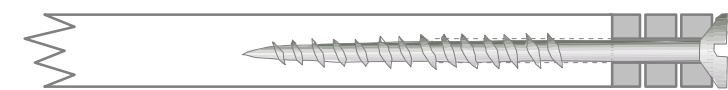
Bamboo Bow Limb - 3/4" by 1/4".
Cut @ 38", and shape ends for string.

1 req



Bamboo support limbs.
Req 1 @ 32", 1 @ 26", and 1 @ 20".
Curve both ends of each as shown.

End shown rotated 90 deg.



Alternative bolt end - drill bolt, and screw 3 nuts on end...

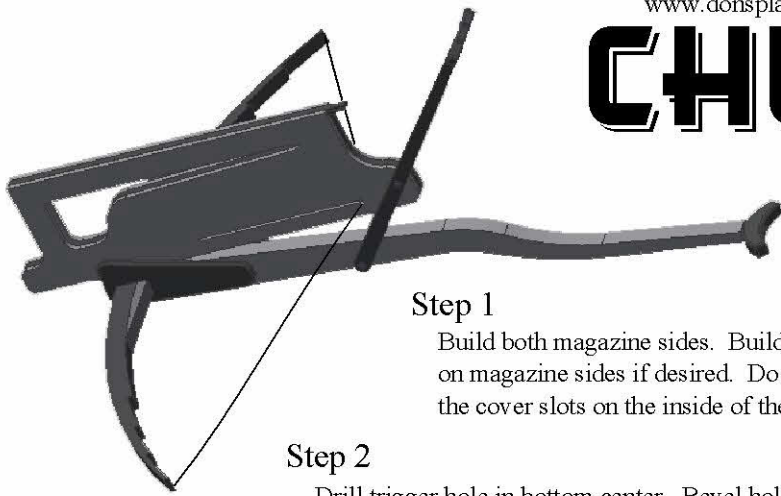
Full scale Chu-ko-nu. *(machine gun crossbow)*

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CHU-KO-NU

(machine gun crossbow)

assembly details.



Step 1

Build both magazine sides. Build front, bottom, and rear center. Cut out optional cutout on magazine sides if desired. Do not drill hole or cut out bow slot at this time. Do cut in the cover slots on the inside of the magazine sides.

Step 2

Drill trigger hole in bottom center. Bevel hole to fit firing pin.

Cut firing pin from screw, and drop firing pin into hole. Firing pin should fit loosely as shown above.



Step 3

Using Elmers Glue-All or a good wood glue, glue the front, rear, and middle center pieces to the magazine side as shown. Make sure the firing pin is in place, as it

cannot be placed at a later time. Glue the other magazine side onto the pieces to form a sandwich. Clamp, and allow glue to dry. After glue has dried, carefully drill hole and cut bow string slot. Sand all edges smooth, and finish as desired.



Step 4

Cut out stock, both slide guides, and arm rest, but do

not cut out bow slot on any of the above. Glue and clamp the slide guides on each side

of the stock as shown. Glue and screw the arm rest to the end of the stock. After the glue has dried, cut bow slot through slide guides and stock. Drill stock for lever. Sand and finish as desired.



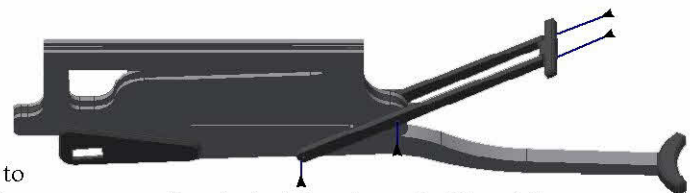
Step 5

Cut out lever sides and lever top. Drill holes in lever sides. Glue and screw lever sides to lever top.

Use 8-32 by 2 1/4" screws to loosely fasten lever sides to

stock and magazine through previously drilled holes. Secure screws with nylock style nuts, or double nut the screws

in place. Make sure that there is enough play in the screws to allow the lever to move smoothly on the magazine and stock.



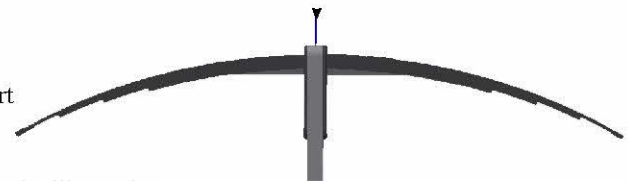
Step 6

Make bamboo bow limb and support limbs. Cut out bow support

block. Insert into bow slot, and center. Secure bow in slot

with a single screw drilled through the center of the stock as

shown. Note that your bow will not be bent at this point - unlike the illustration.



Step 7

Machine lid (if desired) to fit inside lid slots. Cut bolts from 3/8" diameter dowel rods. Tip by adding

blunt screws to ends if desired. String bow with appropriate cord. Load chu ko nu and smile as you mow down hordes of invaders...