

# OPITEC

## Hobbyfix

# 1 0 6 . 7 6 2

## W h i s t l e



### Necessary tools and equipment:

Pencil, ruler

Fretsaw,

Wood file, sandpaper

Wood glue

Paints

### Contents:

2	Pine strips (1)	5 x 10 x 250 mm
2x	Pine strips (2)	5 x 20 x 200 mm
1x	Pine strip (3)	10 x 10 x 250 mm

#### Please Note

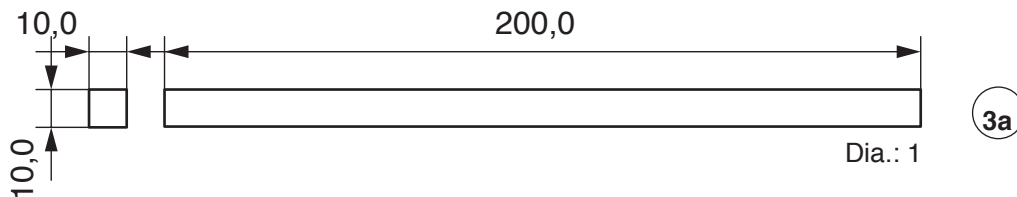
The OPITEC range of projects is not intended as play toys for young children. They are teaching aids for young people learning the skills of Craft, Design and Technology.

These projects should only be undertaken and tested with the guidance of a fully qualified adult. The finished projects are not suitable to give to children under 3 years old.

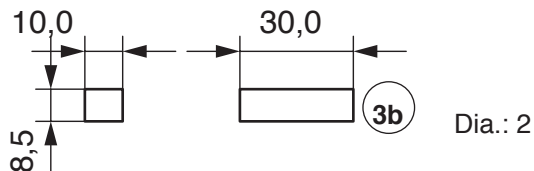
Some parts can be swallowed. Danger of suffocation!

## Working steps:

1. Shorten the square section pine (3) 10 x 10 x 250 to 200mm long.

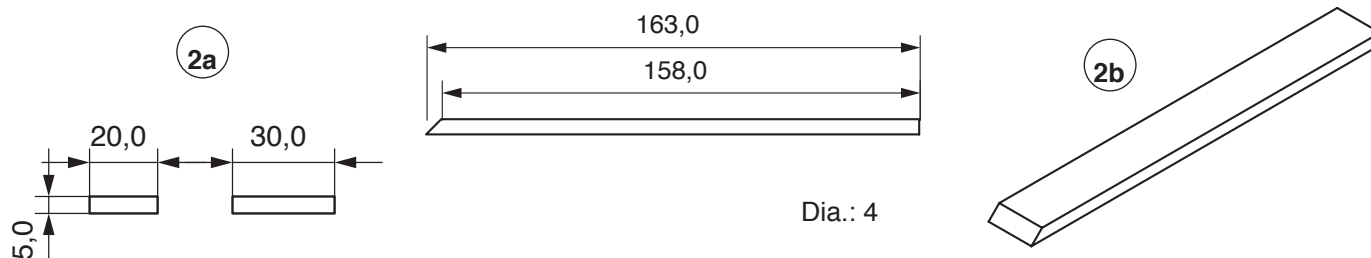
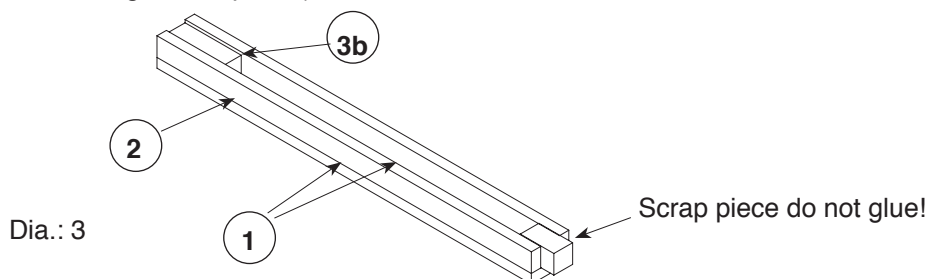


2. Shorten the remainder to 30mm long and file the height to 8.5mm ( air intake )



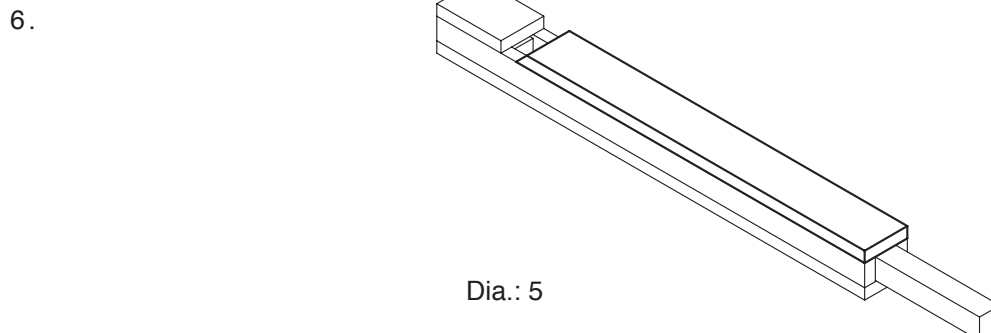
3. Shorten the pine strips (1) 5 x 10 x 250mm to 200mm long.  
Then glue the pine strips (1) and the air intake (3b) to the pine strip (2) 5 x 29 x 200mm.

**Note:** So that the gap between the sides stays at 10mm place a piece of 10mm scrap wood at the end as a spacer but do not glue it in place!!



4. Cut from the second pine strip (2) 5 x 20 x 200 cut off 30mm (2a)  
Cut the remainder (2b) to 163mm and chamfer one end (45degrees)
5. Glue the offcut (2a) over the air intake (3a)  
Glue the remainder (2b) on the other end with the chamfered part facing forward  
(see diagram 5)

**Note:** Make sure that no glue seeps into the inside of the whistle. This will later hinder the movement of the plunger in the air tube.



6. Sand the plunger (3a) carefully on all four sides so that it will pass easily in the tube.
7. Once you have tested the whistle you can decorate it.

**Note:** do not paint the plunger!