MODEL SPACE™
DeAGOSTINI

Your parts

5mm deadeyes
Brass wire 0.5mm

Tools and equipment

|	
Knife	Superglue
Ruler	Wood stain
Drill/bit (1.5mm)	Brushes

a

Begin making a pinrail assembly by taking a length of 4 x 4mm wooden strip and measuring 2mm and 4mm from one end. Carve the space in between the two points into a 'V' shape on all four sides. Cut the shaped strip of wood to a length of 35mm, as shown in the photo. Repeat this step to create another 35mm length.
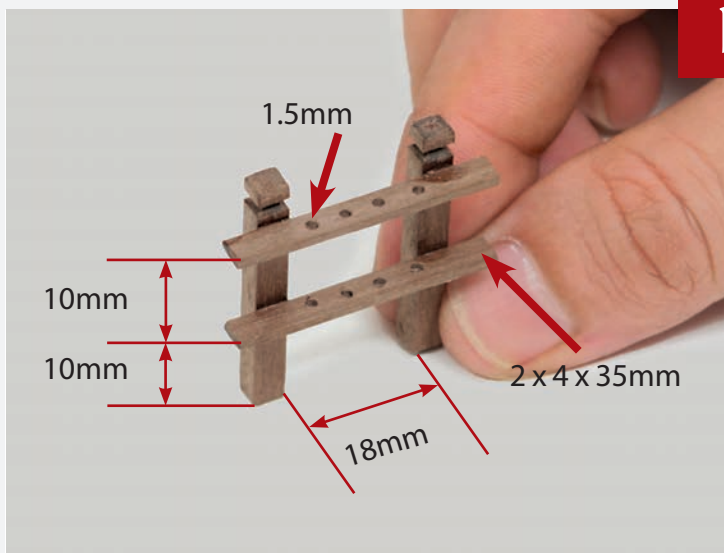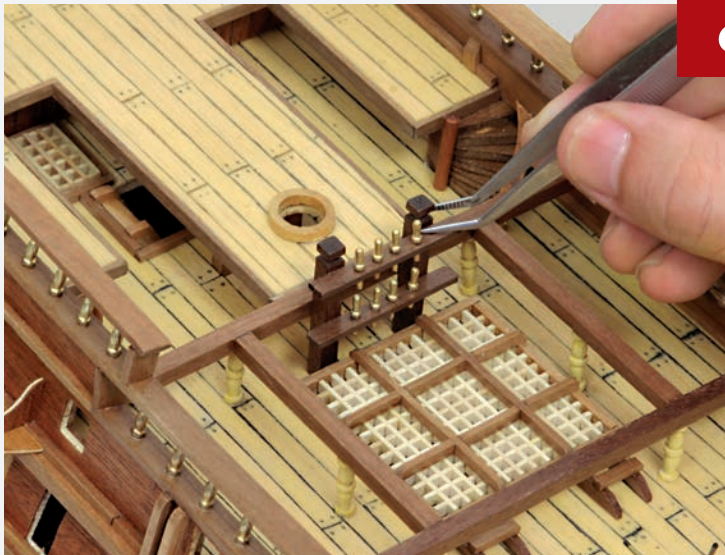
35mm

b

Cut two 35mm lengths of 2 x 4mm wooden strip. Position the two uprights 18mm apart and glue one 35mm length to them, 10mm from the base. Then drill four 1.5mm holes in the space between the uprights. Glue the other 35mm length 10mm above the first and drill another four holes, as shown.
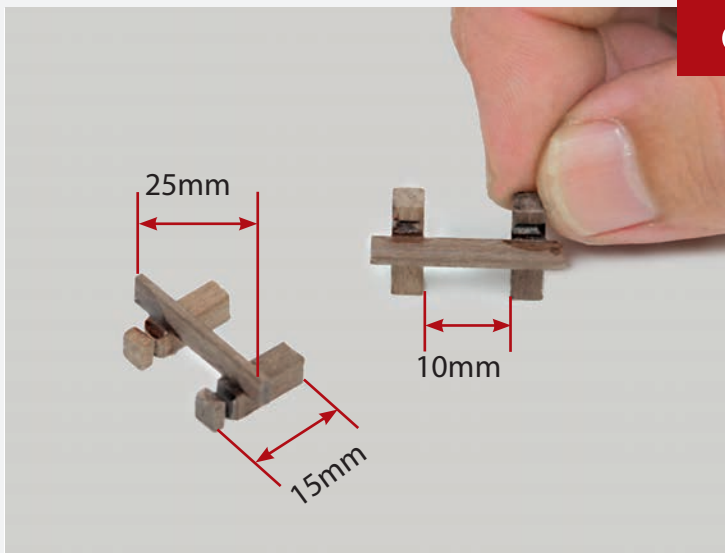
1.5mm
10mm
10mm
18mm
2 x 4 x 35mm
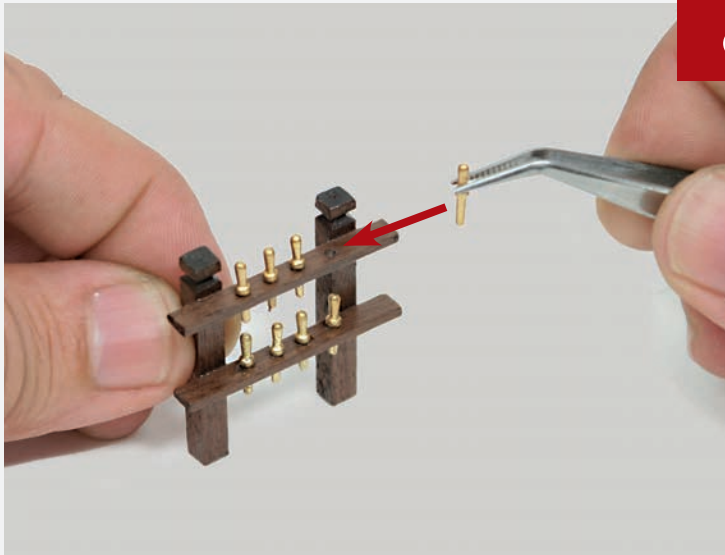
c

Stain the pinrail assembly and then glue eight pins into the holes, as shown.

d

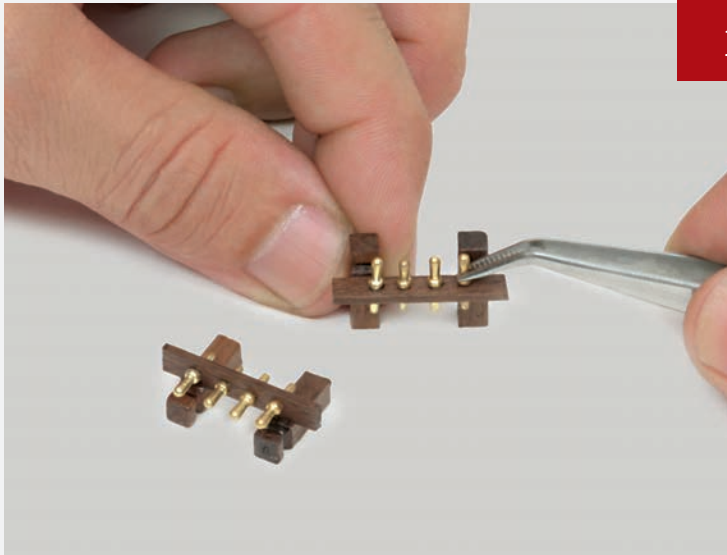Glue the pinrail assembly in place on the main deck, aft of the grating.

e

Cut four 15mm lengths of 4 x 4mm wooden strip and two 25mm lengths of 2 x 4mm strip. Shape the 15mm lengths the same way as the 35mm strips in Step a, and then position them 10mm apart. Glue the 25mm strip just below the grooved part, as shown.
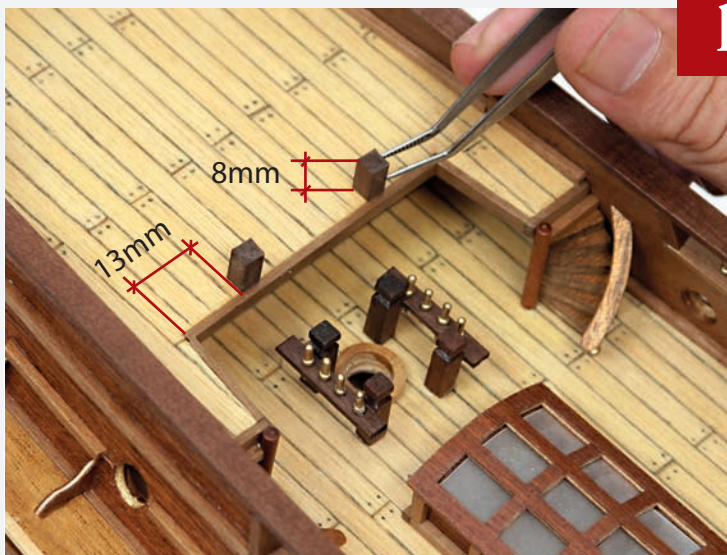
25mm

10mm

15mm

f

Stain the two pinrail assemblies. Drill four holes in each of the 2 x 4mm strips, as shown, then glue a pin into each of the holes.

g

Glue the two pinrail assemblies either side of the mizzenmast hole.

h

Cut two 8mm lengths of the 4 x 4mm wooden strip and glue into place on the quarter deck, 13mm in from the inner edges, as shown.

i

Using the photo as a guide, drill a series of holes on the quarter deck.

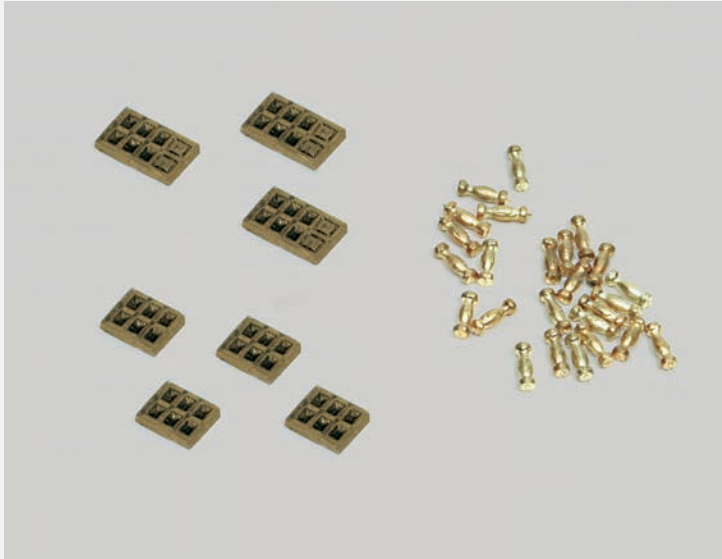**j**

Glue columns into the holes drilled in the last step.

k

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.

MODEL SPACE™
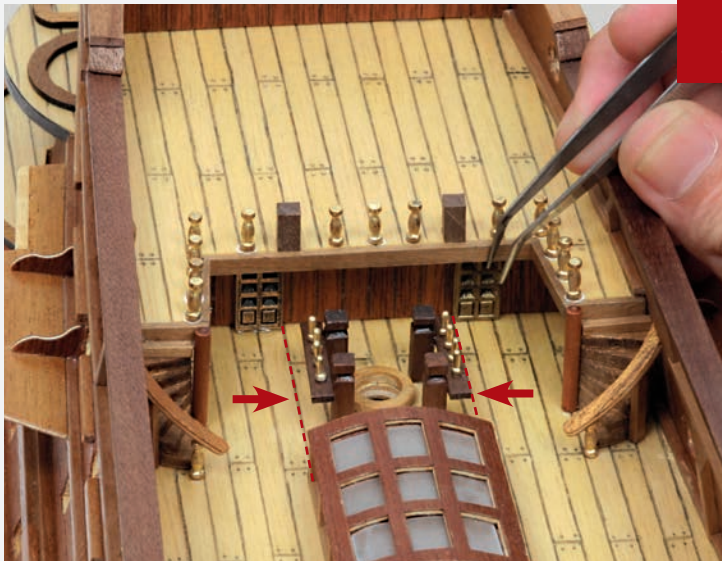De AGOSTINI

Your parts

Doors x 3
Windows x 4
Columns

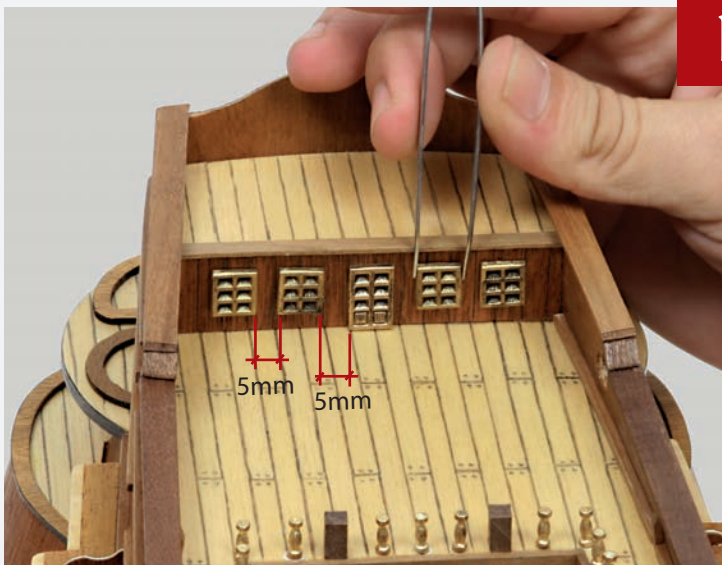## Tools and equipment

Tweezers   Ruler
Superglue   Pliers
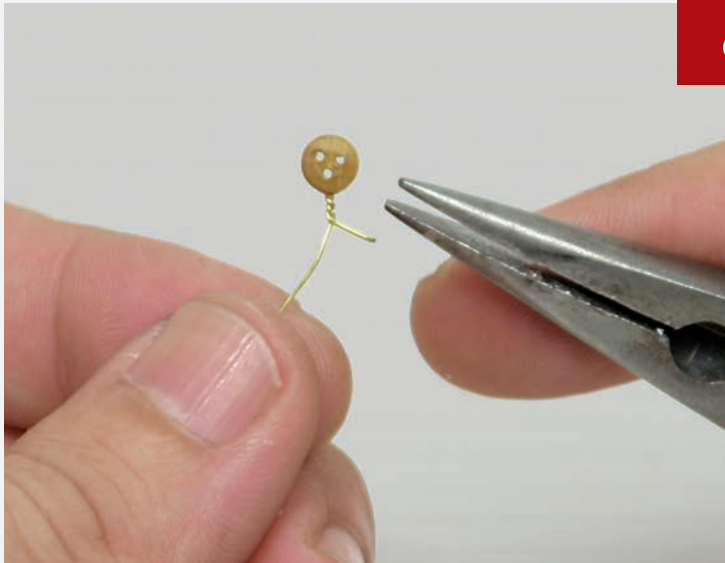Knife   Hammer

a

Glue two doors to the bulkhead under the poop deck, in line with the sides of the skylight as shown by the dotted red lines.

b

Glue a door in the middle of the poop deck, up against the bulkhead. Then glue two windows, either side of the door, 5mm apart.

5mm   5mm

c

Cut a 100mm length of brass wire, then, as shown, wrap it around one of the deadeyes. Make sure the holes of the deadeye are positioned as in the photo.

d

Feed the wire through the end hole of the fore chainwale. Insert a nail into the side of the hull below the chainwale, 5mm from the side of the gun port and 8mm above the wooden strip. Wrap the wire around the nail once then push the nail into the hull.

e

Repeat the process from the previous step, 5mm below that nail, then trim the excess wire.

f

Repeat Steps c-e to fit a further ten deadeyes to the fore chainwale. Make sure that there is always a minimum of 5mm between any nails and gun ports, as shown.

g

The two remaining holes at the stern end of the fore chainwale should be left, because small deadeyes will be fitted to them at a later stage.
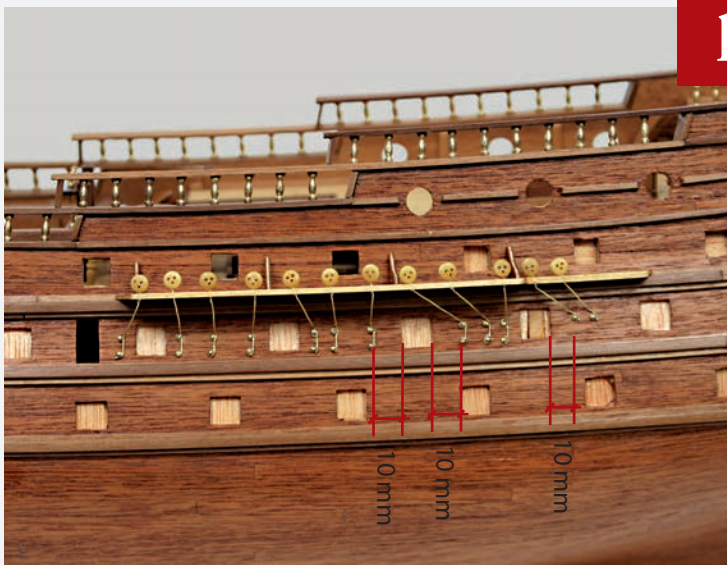
h

Following the same process used with the fore chainwales, fit twelve deadeyes to the main chainwale, as shown, leaving a minimum of 5mm between the nails and gun ports, or 10mm where specified.

i

Make sure the stern end of the wale resembles the one in the photograph.

j

Leave the two holes free at the stern end of the wale.

k

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.

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Your parts

5mm deadeyes
Brass wire 0.5mm

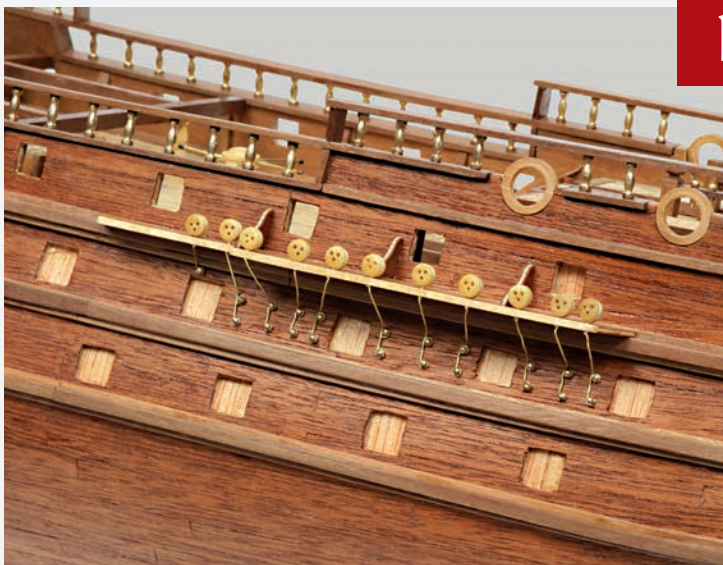## Tools and equipment

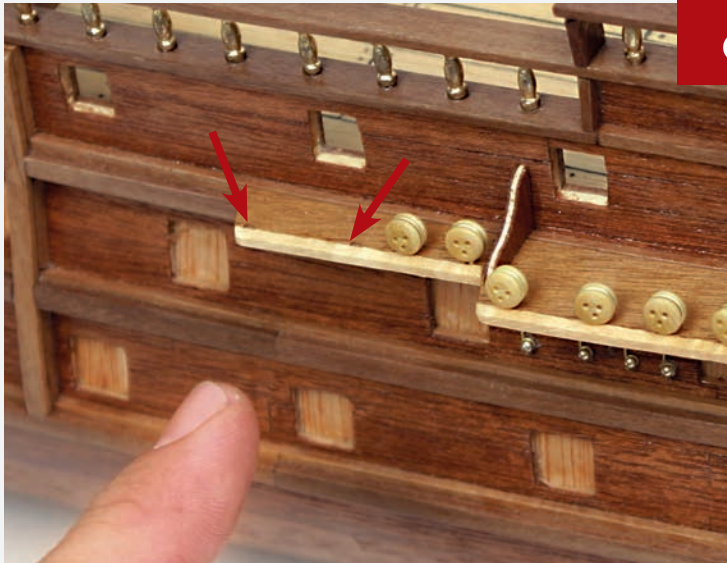|	
Pliers	Superglue
Hammer	Knife
Tweezers	Ruler

a

Begin fitting the deadeyes to the fore chainwale on the starboard side, as in Step e, page 294.
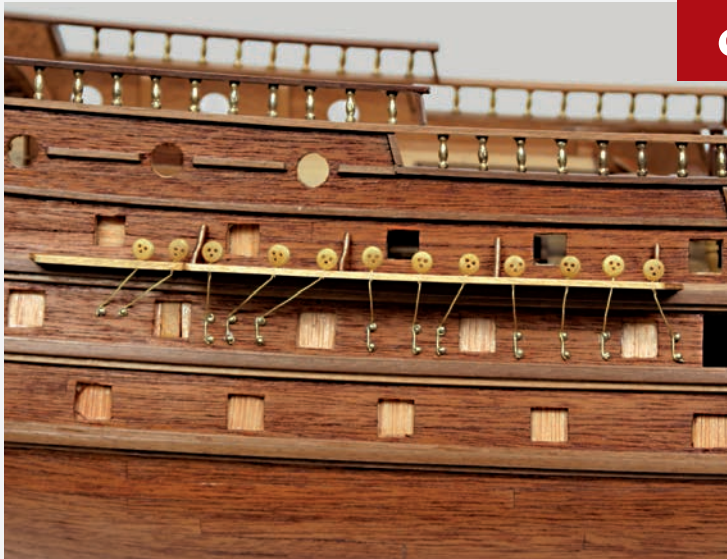
b

Fit a further 10 deadeyes along the chainwale. Remember to leave gaps of at least 5mm between the gun ports and the nails.
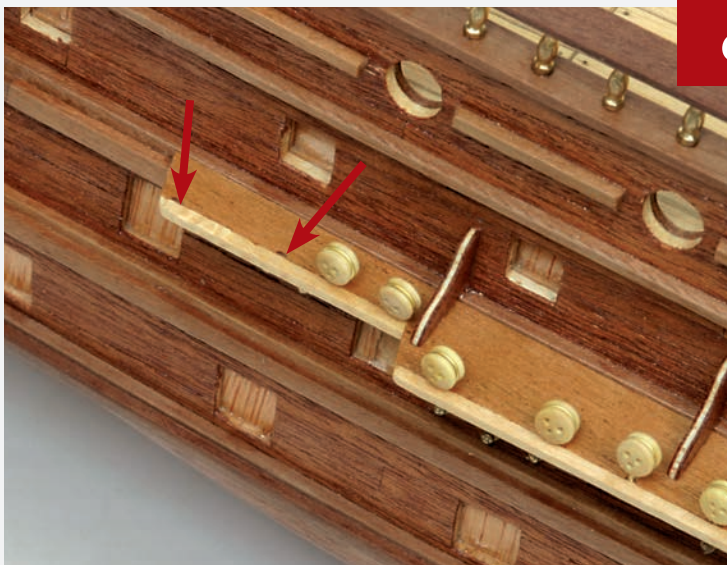
c

Make sure to leave the two holes free at the end of the wale.
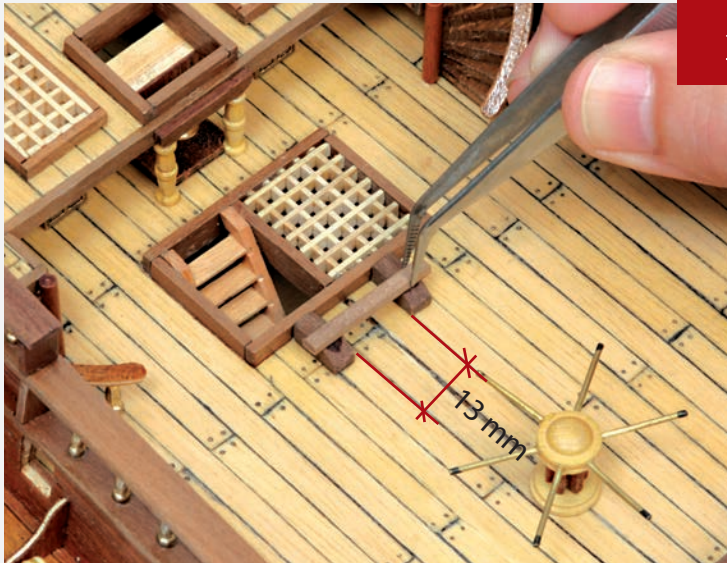
d

Fit twelve deadeyes to the main chainwale, as shown.

e

Leave the two holes at the stern end of the wale free because small deadeyes will be fitted into them at a later stage.

f

Cut two 10mm lengths of 4 x 4mm wooden strip. Glue them in front of the hatch and stairs, 13mm apart as shown. Then cut a 25mm length of 2 x 3mm wooden strip and glue it on top of the two strips.

g

Glue one of the barrels in place on the port side of the main deck, next to the strips from the last step.

h

Glue another barrel at the bow in front of the pinrail of the foremast.

i

Glue three barrels in the middle of the poop deck, as shown.

j

Glue another barrel in the corner of the transom deck.

k

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.
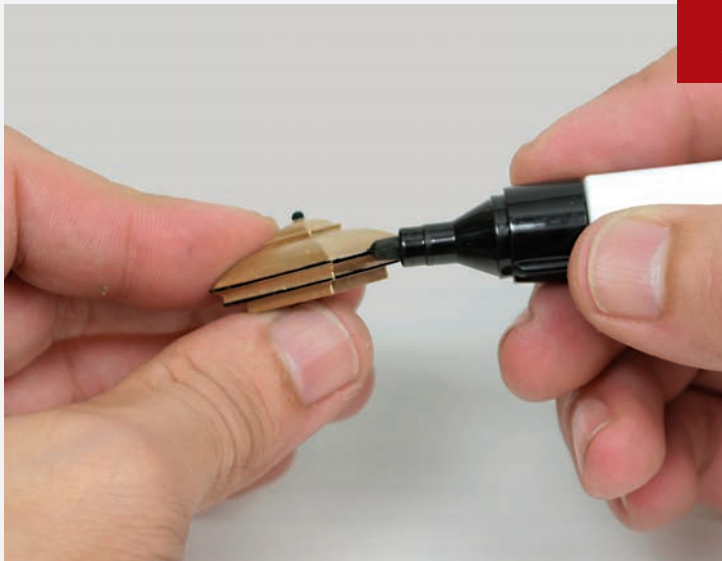
Your parts

Helm x 2
Helm support x 2
Brass wire 0.5mm
Belfry dome
Davit supports

Tools and equipment

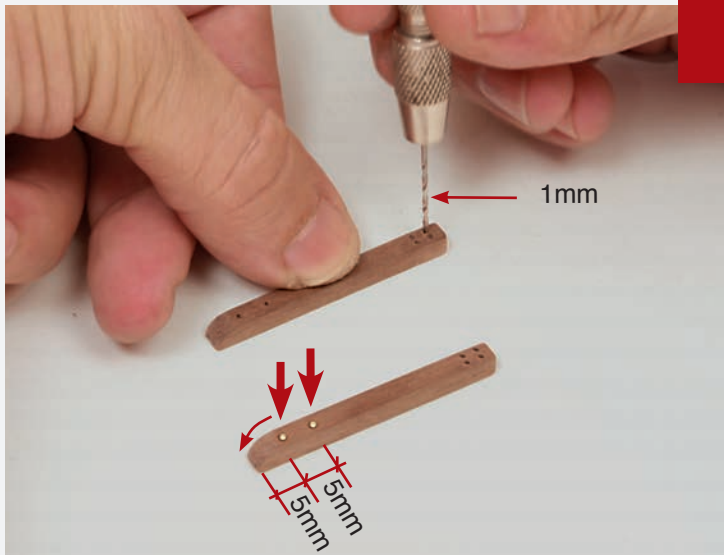|	
Black pen	Tweezers
Superglue	Drill/bit (1mm)
Knife	Wood stain
Ruler	Brushes
File	

a

Colour the edges and the point on top of the belfry dome black.

b

Test-fit the dome into place. Make any adjustments to the fit as necessary, and then glue the dome into place.

c

To make the davits, first cut two 50mm lengths of 4 x 4mm wooden strip. Drill four 1mm holes at one end of each, as shown in the photo, and then another two 1mm holes, one 5mm in from the other end and the other 5mm from that, and place a nail in each of these two holes. Then shape the end with the two nails in it so that it curves, as shown.
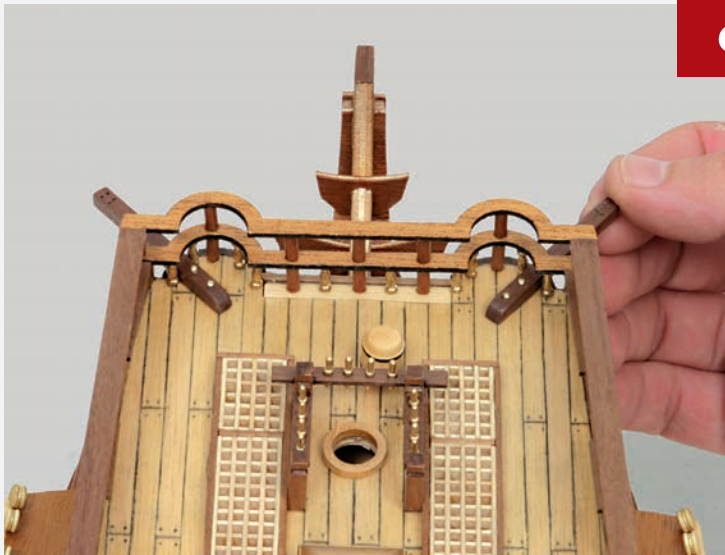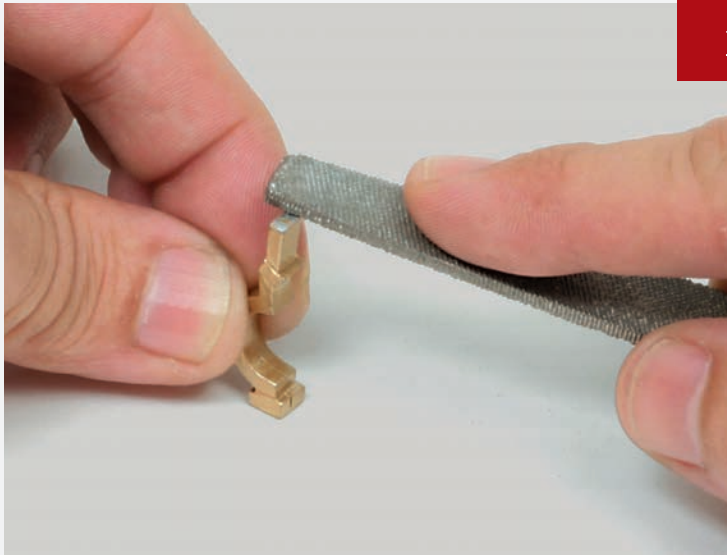
d

Stain the davits then glue them in place on the fore deck, as shown in the photo.

e

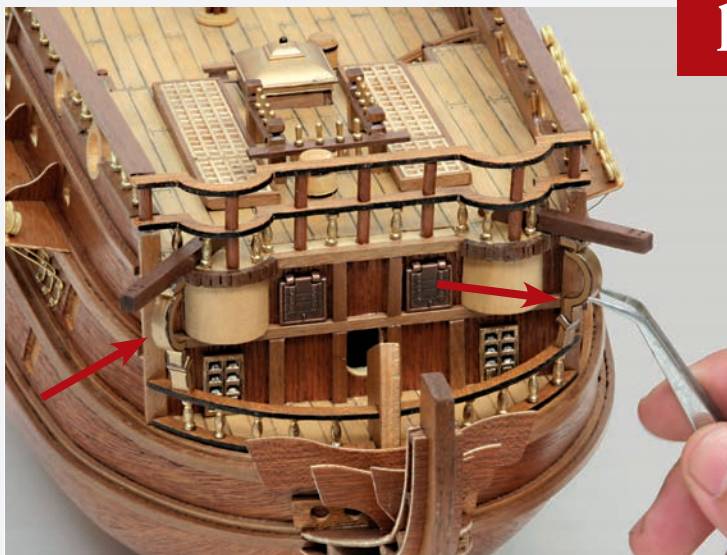Test-fit one of the davit supports between the davit and railing.

f

If the support doesn't fit, use a file to reduce the size. Keep test-fitting until the fit is correct.

g

Mark the edges of the support black.

h

Repeat Steps e-g for the remaining support, and then glue them both in place between the rail and the davits.

i

Hold a length of 1.5mm brass wire and place the two helm supports followed by the two helms onto it. When all the pieces are on the wire, push them to the end and apply glue. Once the glue is dry, cut away any excess wire.

j

Glue the helm assembly behind the mizzenmast hole, as shown.

k

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.