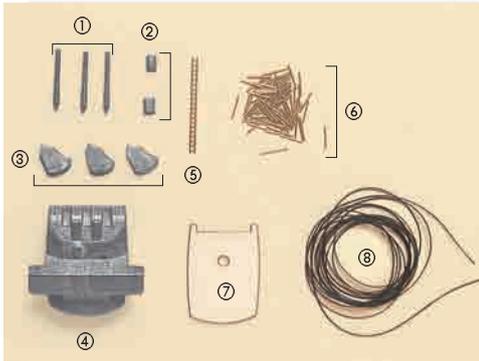


# Secondary guns and main guns handrail



- ① Barrel of secondary guns x 3
- ② Metal parts x 2
- ③ Initial part of the secondary guns x 3
- ④ Turret of the secondary guns
- ⑤ Ladder
- ⑥ Pins x 80
- ⑦ Wooden board
- ⑧ Thread

## Recommended tools and materials

- Fast-drying glue
- Metal file
- Sandpaper (grain nos. 400 and 800)
- Putty
- Craft knife
- Wooden spatula
- Double-sided adhesive tape
- Hand drill (bit 0.5mm)
- Pencil
- Scissors
- Paint primer
- Metal primer
- Spray paint (battleship grey)
- Paintbrush
- Watercolours (light brown, matt white, matt black, silver, battleship grey)

## SECONDARY GUNS

**1** Smooth pieces 1 to 4 with the metal file to remove any irregularity in shape. Where the file will not reach, use the blade of the craft knife, being careful not to damage other parts of the pieces. Smooth the sides of piece 5 with the metal file, too.



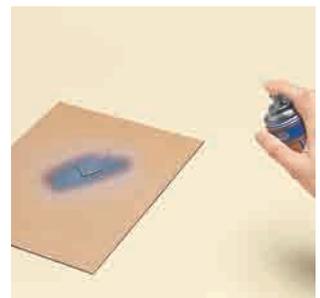
**4** Pieces 3 represent the fabric parts at the base of the barrels of the guns. To make them look more realistic, emphasize the folds with a metal file or sandpaper.



**2** Smooth pieces 1 to 4 with sandpaper grain no. 800, without changing the original shape. If there are unwanted cavities on the surface, fill them by applying putty with a wooden spatula. When fully dried, smooth the pieces with sandpaper grain no. 800 to remove excess putty.



**5** From a distance of 30cm, spray paint primer evenly on piece 7. It will be easier if you secure it to cardboard with double-sided adhesive tape. When dry, smooth the piece with sandpaper grain no. 400.



⚠ When using paint primer, ventilate the room well and follow the instructions on the packaging.

**3** Checking against Step 10, insert pieces 2 in 4. If they are too big, adjust the contours and the hole of 4 with the craft knife. Checking against Step 13, insert pieces 3 in 4. If they do not go in, adjust the contours.

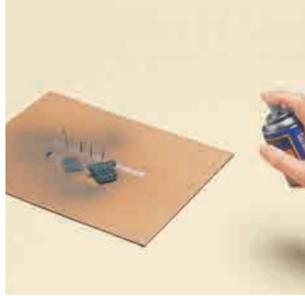


**6** From a distance of 30cm, spray metal primer evenly on pieces 1 to 5. It will be easier if you secure them on cardboard with the double-sided adhesive tape.



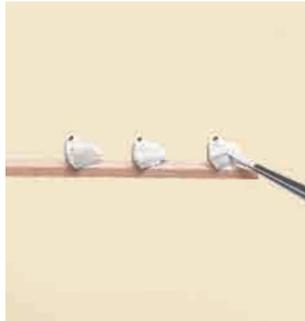
⚠ When using metal primer, ventilate the room well and follow the instructions on the packaging.

**7** When the primer is dry, spray pieces **1**, **2**, **4**, **5** and **7** with a light coat of battleship grey from a distance of 30cm. Repeat several times from different angles, always waiting for the paint to dry between coats.



**!** When using spray paint, ventilate the room well and follow the instructions on the packaging.

**8** Secure pieces **3** on a slat with the double-sided adhesive tape, as shown in the photo, and paint them with a mixture of matt white and light brown watercolours in a ratio of 2 to 1.



**12** Apply fast-drying glue on the projection of a piece **1** and put it in the hole of piece **3**, as shown in the photo. You have now made the barrel of a secondary gun. Make two more.



**13** Take piece **4**, as shown in the photo, and insert the projections of pieces **3** in the relevant holes and fix them with fast-drying glue.



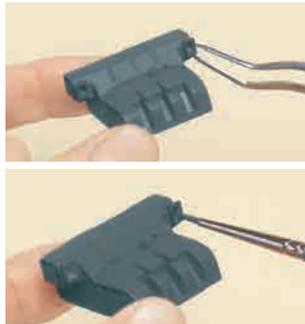
**9** Paint the cavities in the sides and rear of piece **4** with matt black watercolour.



**14** Cut a part of the ladder **5** to the length of a side of piece **4** and fix it with fast-drying glue on the shape etched on the surface of the piece **4**. Do the same on the other side.



**10** Take piece **4**, as shown in the photo (right, above), and insert each of pieces **2** in the cavities at both edges of the top, fixing them with fast-drying glue. As shown in the photo (right, below) paint the cavity of pieces **2** with silver watercolour.

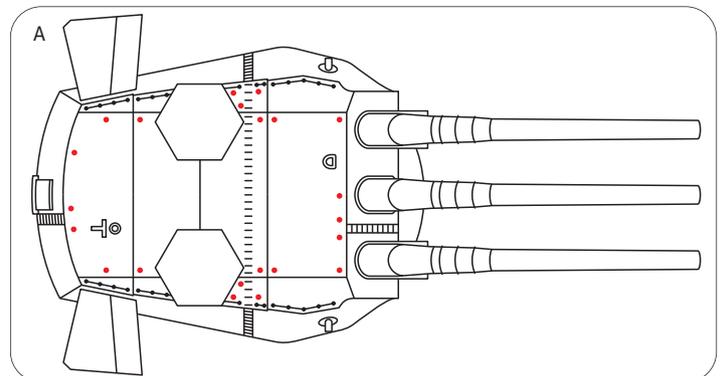


**MAIN GUNS HANDRAIL**

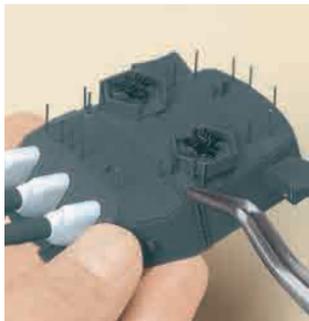
**15** Take a main guns turret with machine-gun platforms and drill holes 0.5mm in diameter and 0.5mm deep on the points shown in red in Figure A. Before drilling, mark the corresponding points with a pencil and drill gently.



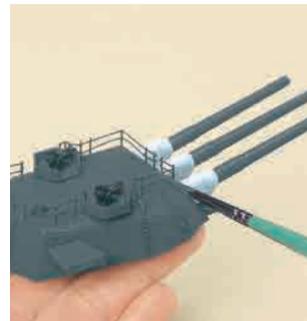
**11** Insert piece **7** in the base of piece **4**. If it is too large, adjust the size by smoothing the edges with sandpaper.



**16** With fast-drying glue, fix pieces 6 in the holes made in Step 15. Apply glue on the tips of the pieces 6 and insert them vertically.



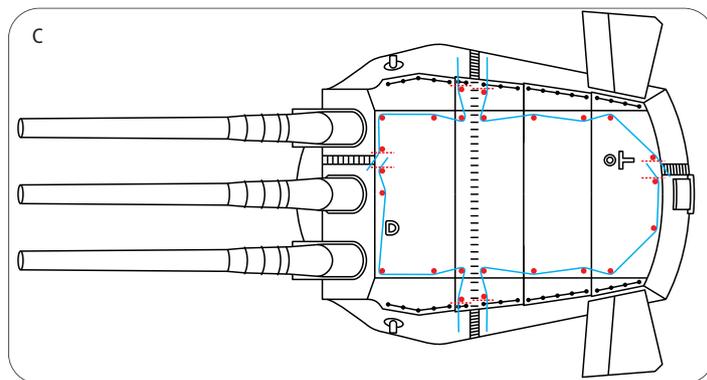
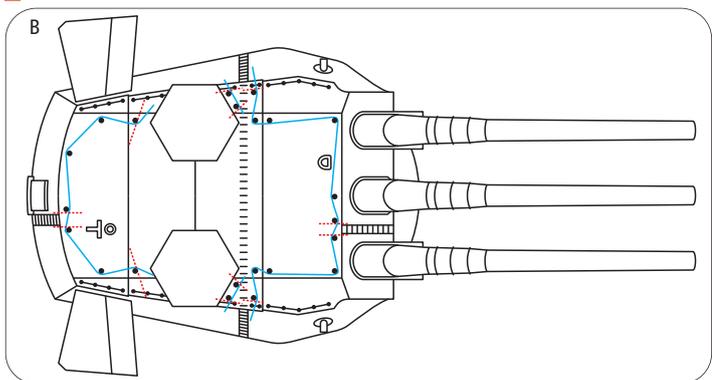
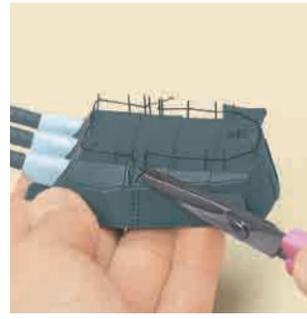
**20** When the glue is dry, paint pieces 6 and 8 with battleship grey watercolour. Similarly, complete the other main gun turret with machine-gun platforms.



**17** Around each piece 6, thread piece 8, following the blue line in Figure B. Start by gluing one end on the first pin, leaving a margin of 5mm of thread, and continue alternating the thread between the pins. Piece 8 must be placed 3mm above the base of the pins.



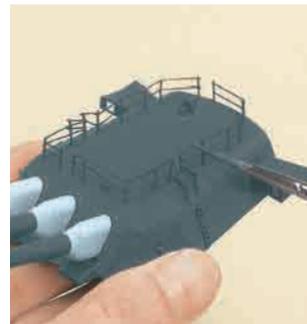
**21** As for the main guns turret without machine gun platforms, checking against Figure C, fix pieces 6 in the positions indicated by the red dots and fix piece 8 following the blue line. The thread must be 3mm from the base of the pins.



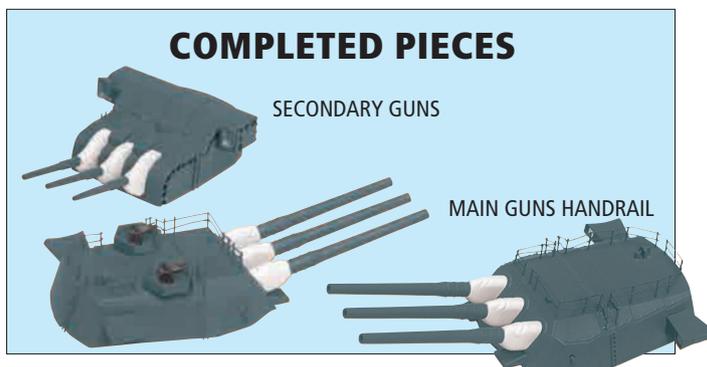
**18** When the glue is dry, cut piece 8 with scissors at the points indicated by the dotted red lines.



**22** As in Step 21, fix another segment of thread 8 to the tops of pins 6. When the glue is dry, paint everything with battleship grey watercolour.

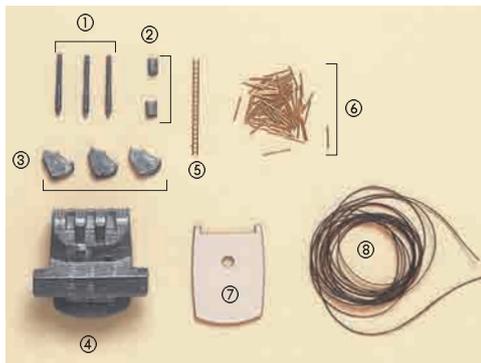
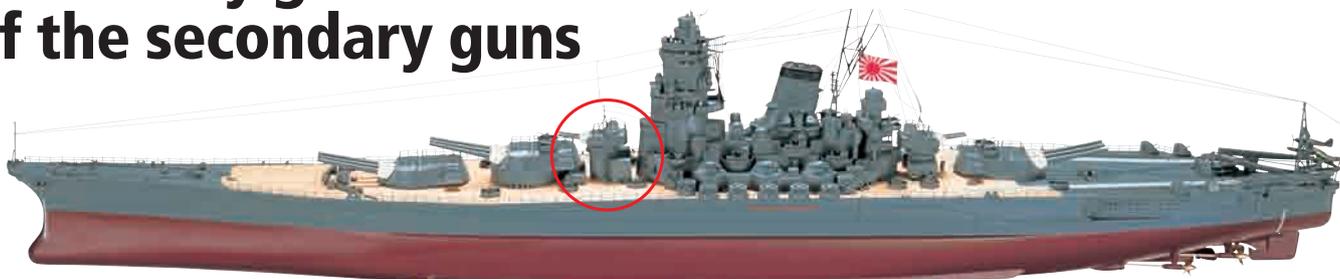


**19** As in Steps 17 and 18, fix another segment of thread to link the tops of the pins. Remove the excess with the scissors.





# Secondary guns and handrail of the secondary guns



- ① Barrel of secondary guns x 3
- ② Metal parts x 2
- ③ Initial part of the secondary guns x 3
- ④ Turret of secondary guns
- ⑤ Ladder
- ⑥ Pins x 55
- ⑦ Board
- ⑧ Thread

## Recommended tools and materials

- Fast-drying glue
- Metal file
- Sandpaper (grain nos. 400 and 800)
- Putty
- Wooden spatula
- Craft knife
- Pencil
- Double-sided adhesive tape
- Pliers
- Hand drill (bit 0.5mm)
- Paint primer
- Metal primer
- Scissors
- Paintbrush
- Spray paint (battleship grey)
- Watercolours (light brown, matt white, matt black, silver, battleship grey)

## SECONDARY GUNS

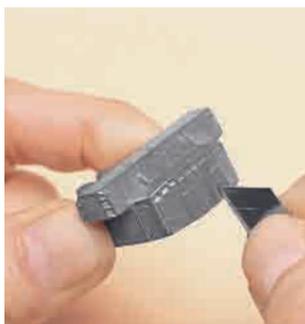
**23** Remove any irregularities from pieces 1 to 4 with the metal file.



**26** Smooth the surfaces of pieces 1 to 4 with sandpaper grain no. 800, without changing the original shape (right, above). Fill any hollows in the pieces with putty using a wooden spatula and, when dry, remove the excess with sandpaper grain no. 800 (right, below).



**24** Where the file will not reach, use the tip of the craft knife, being careful not to damage the surrounding parts.



**27** Checking against Step 35, insert pieces 2 in 4. If they are too big, adjust the contours and the hole of 4 with the craft knife. Checking against Step 38, insert the pieces 3 in 4. If they do not go in, proceed to adjust the contours.



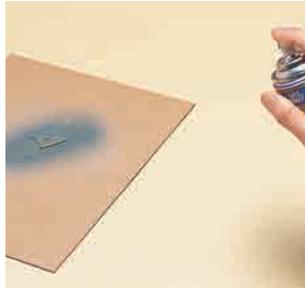
**25** Using the metal file, remove any irregularities and unwanted projections on the sides of piece 5.



**28** Pieces 3 represent the fabric parts at the base of the barrels of the guns. To make them look more realistic, emphasize the folds with a metal file or sandpaper.

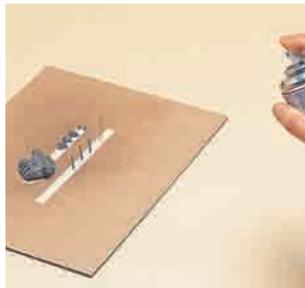


**29** From a distance of 30cm, spray paint primer evenly on piece 7. It will be easier if you secure it to cardboard with double-sided adhesive tape. When dry, smooth the piece with sandpaper grain no. 400 to eliminate irregularities.



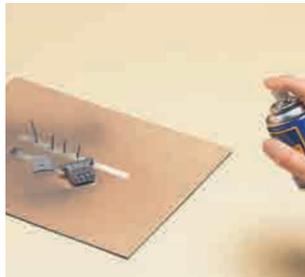
💡 When using paint primer, ventilate the room well and follow the instructions on the packaging.

**30** From a distance of 30cm, spray metal primer evenly on pieces 1 to 5. It is easier if you secure the pieces to cardboard with double-sided adhesive tape.



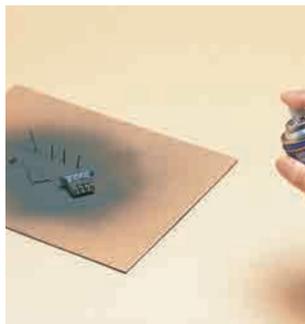
💡 When using metal primer, ventilate the room well and follow the instructions on the packaging.

**31** From a distance of 30cm, spray a light coat of battleship grey on pieces 1, 2, 4, 5 and 7.



💡 When using spray paint, ventilate the room well and follow the instructions on the packaging.

**32** Repeat the operation several times from different angles, always waiting for the paint to dry between coats.



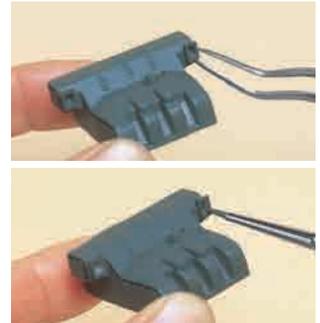
**33** As shown in the photo, secure pieces 3 with the double-sided adhesive tape on a slat and paint them with a mixture of matt white and light brown watercolours in a ratio of 2 to 1.



**34** Paint all the side and rear recesses of piece 4 with matt black watercolour.



**35** Take piece 4, as shown in the photo (right, above), and insert each of pieces 2 in the cavities at both edges of the top, fixing them with fast-drying glue. As shown in the photo (right, below), paint the cavity of pieces 2 with silver watercolour.



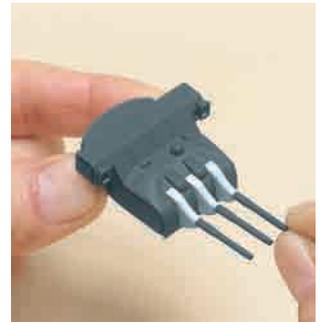
**36** Insert piece 7 in the base of piece 4. If piece 7 is too large, adjust the size by smoothing the edges with sandpaper.



**37** Apply fast-drying glue on the projection of a piece 1 and insert it in the hole of piece 3, as shown in the photo. You have now made the barrel of a secondary gun. Make two more.



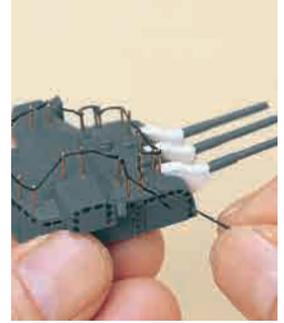
**38** Take piece 4, as shown in the photo. Fit pieces 3 in the relevant holes and fix them with fast-drying glue.



**39** Cut a part of the ladder 5 to the length of a side of piece 4 and fix it with fast-drying glue on the shape etched on the surface of the piece 4. Do the same on the other side.

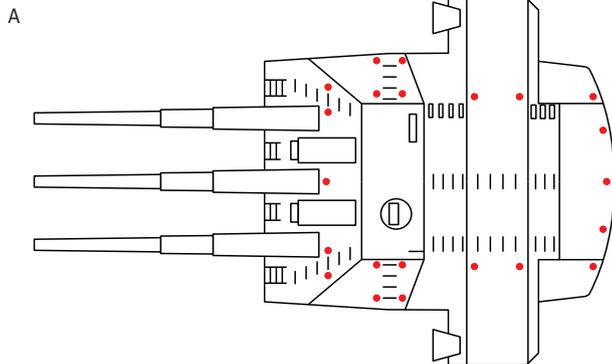
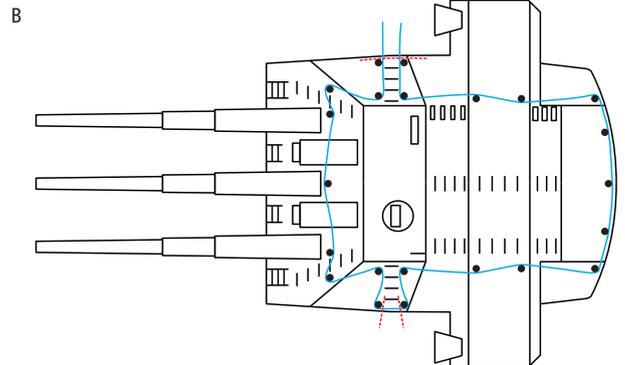


**43** Thread piece 8 around each piece 6, following the blue line in Figure B. Start by gluing one end to the first pin, leaving an excess of 5mm. Thread piece 8 between the pins close to their upper ends.



### HANDRAIL OF THE SECONDARY GUNS

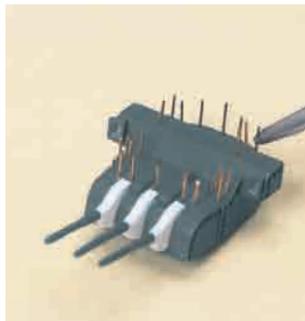
**40** Take a secondary guns turret with machine-gun platforms and drill holes 0.5mm in diameter and 0.5mm deep on the points shown in red in Figure A. Before drilling, mark the corresponding points with the pencil and drill gently.



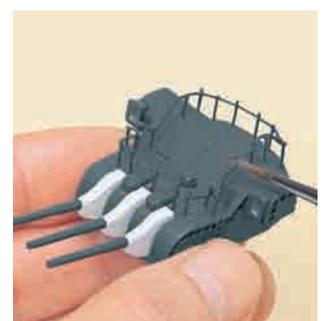
**44** When the glue is dry, cut piece 8 with scissors at the points indicated by the dotted red lines.



**41** With fast-drying glue, fix pieces 6 in the holes made in Step 40. Apply glue on the tips of the pieces 6 and insert them vertically in the holes.



**45** Paint pieces 6 and 8 with battleship grey watercolour. Similarly, fix pieces 6 and 8 on the other secondary guns turret built earlier.

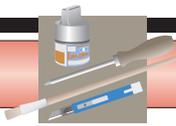


**42** To standardize pieces 6, place a 6mm-wide strip of wood against the pins and make them an equal height with the pliers, being careful not to break them.

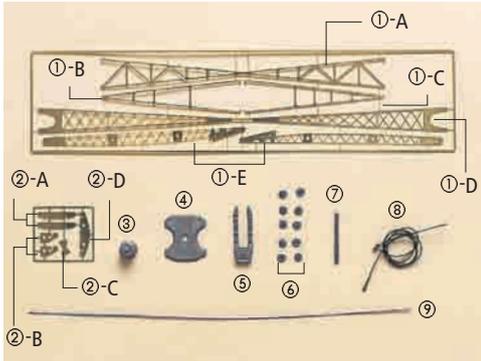


### COMPLETED PIECES





# Crane and frame of the mast



- ① Etched board
- ② Etched board
- ③ Part of the crane
- ④ Metal plate
- ⑤ Part of the crane
- ⑥ Pulleys x 10
- ⑦ Metal rod
- ⑧ Flex
- ⑨ Wire

## Recommended tools and materials

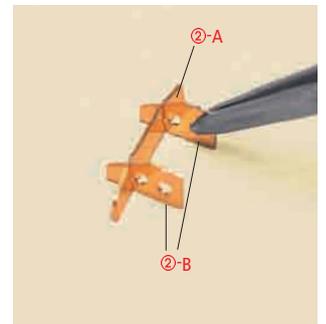
- Fast-drying glue
- Metal file
- Sandpaper grain no. 800
- Putty
- Craft knife
- Wooden spatula
- Cutters
- Pliers
- Paint primer
- Metal primer
- Spray paint (battleship grey)

### CRANE AND FRAME OF THE MAST

**46** With sandpaper grain no. 800, smooth pieces 3 to 6 to eliminate any irregularities, taking care not to damage other parts of the pieces. If there are cavities and hollows on the surface, fill them with putty using a wooden spatula. Eliminate any excess when dry.



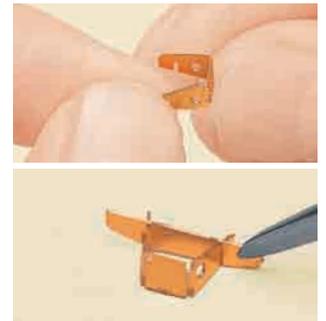
**49** Take a piece 2A, as shown in the photo, and insert a piece 2B into each of the two slots without applying glue.



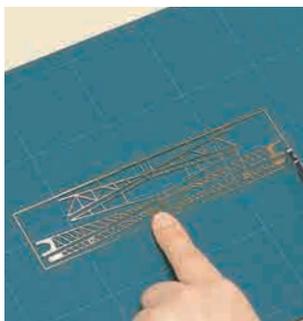
**47** Apply fast-drying glue on the projection of piece 3, and insert it into the hole of piece 4.



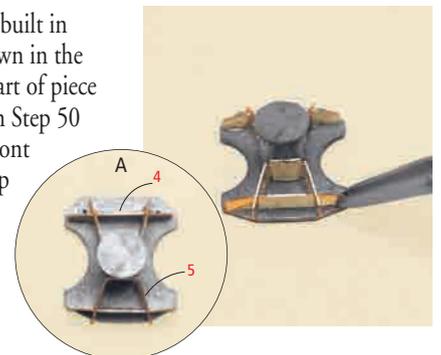
**50** Bend piece 2D, as shown in the photo (right, above), and insert another piece 2A into the two notches, as shown in the photo (right, below). Fix it all with fast-drying glue. Make another.



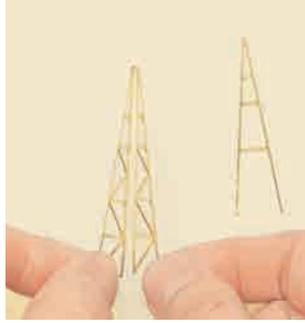
**48** With the craft knife, cut the joins of boards 1 and 2 and detach items 1A to 1E and 2A to 2D. Smooth the joins of the pieces with the metal file, without altering the original shape.



**51** Take what you built in Step 47, as shown in the photo. In the lower part of piece 3, fix the part made in Step 50 on the back, and in front the other made in Step 50 (photo A). You have made the base of the crane.



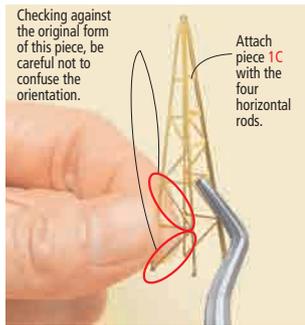
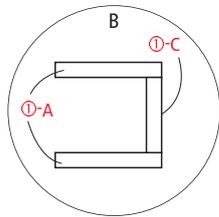
**52** Bend piece 1A, as shown in the photo. Adjust the angle of the bend with reference to Steps 53 and 54, so that it is equal to pieces 1B and 1C. Be careful not to break the parts with excessive force.



**57** Place piece 3 on pieces 6 and fix them with the fast-drying glue (right, above). Then, fix the assembly in the cavity of piece 5, as shown in the photo (right, below).



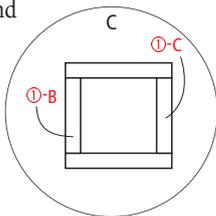
**53** Take piece 1A, as shown in the photo, and with fast-drying glue, fix piece 1C on the right side (Figure B).



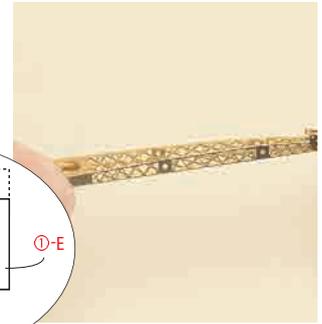
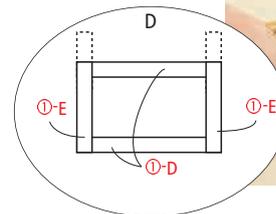
**58** Bend piece 1D, as shown in the photo. Checking against Step 59, bend it like piece 1E. Be careful not to force it.



**54** Bend piece 2C in half, as shown in Figure C. Insert one of the pieces 6 in the middle and fix it with fast-drying glue (photo far right).



**59** Take piece 1D, as shown in the photo, and fix with fast-drying glue the two pieces 1E to the two sides, as shown in Figure D.



**55** Bend piece 2C in half, as shown in the photo (right). Insert one of the 6 pieces in the middle and fix it with fast-drying glue (photo far right).



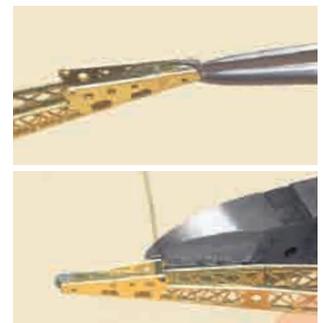
**60** Take what you assembled in Step 59, as shown in the photo, and insert piece 9 in the holes at the bottom of pieces 1E. Then, bend the piece perpendicular and cut it with the pliers, leaving two margins of 2mm.



**56** As shown in the photo (right, above), bend the tip of piece 9 to form a semicircle with a 2mm diameter. With the pliers, cut the semicircle and, with fast-drying glue fix it to piece 2C assembled in Step 55 (photo right, below). You have now made the hook of the crane.



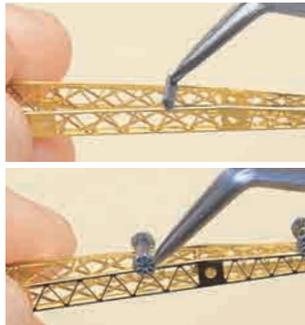
**61** As shown in the photo (right, above), insert one of the pieces 6 on the tip of piece 1D and fix with fast-drying glue (if it is too thick, smooth it down with the metal file). As shown in the photo (right, below), insert piece 9 in the holes of pieces 1E and remove the excess with the pliers.



**62** With fast-drying glue, fix a piece 6 on both ends of piece 9 inserted in Step 61.



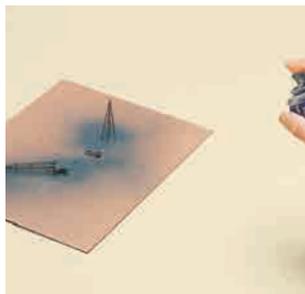
**63** Take what you assembled in Step 62, as shown in the photo, and on the upper side of piece 1D fix piece 7, adjusting the length with the pliers (right, above). On each end fix a piece 6 with fast-drying glue (right, below). You have now made the boom of the crane.



**64** Apply fast-drying glue on the end of the boom, and on the tips of piece 9 mounted in Step 60, and insert them into the holes of the base, as shown in the photo. Be careful to maintain the correct orientation of the boom and the base. You have now made the body of the crane.



**65** Spray metal primer on the body of the crane, the frame of the mast, on the hook and on the base. Allow to dry and spray a light and even coat of battleship grey from a distance of 30cm. Repeat the operation several times from different angles, always waiting for the paint to dry between coats.

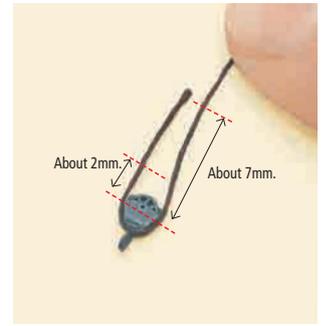


**!** When using metal primer or spray paint, ventilate the room well and follow the instructions on the packaging.

**66** Apply fast-drying glue in the cavities on the tips of piece 5 and fix them on pieces 9 of the boom. Fix piece 5 at an angle of about 20 degrees to the base. With fast-drying glue, fix the frame of the mast on the base. The side of piece 1C of the frame must face towards the side of the boom.



**67** Following the measurements in the photo, wrap one end of piece 8 around the hook, leaving a length of 10mm, and fix it with fast-drying glue. When the glue is dry, cut the flex so that it is about 2mm long to the left and about 7mm to the right.



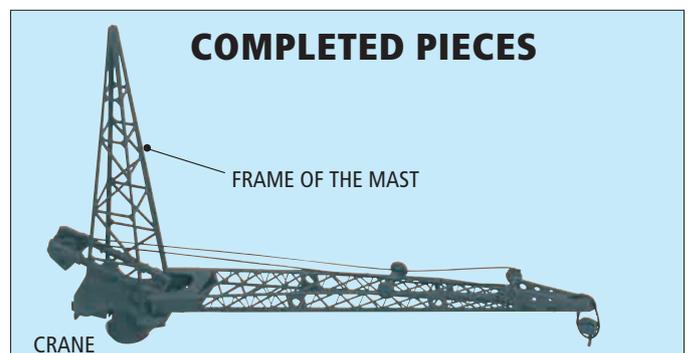
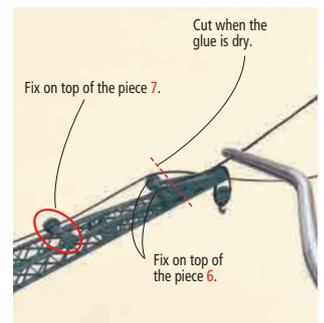
**68** Glue what you assembled in Step 67 to the tip of the boom. After winding the left end of the flex under the boom and the right end to piece 6 of the tip, fix the two ends of the wire on the upper part of the boom.

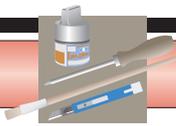


**69** As shown in the photo, bend the remaining flex in half and, with fast-drying glue, fix the bent part to piece 6 in the cavity of the base.

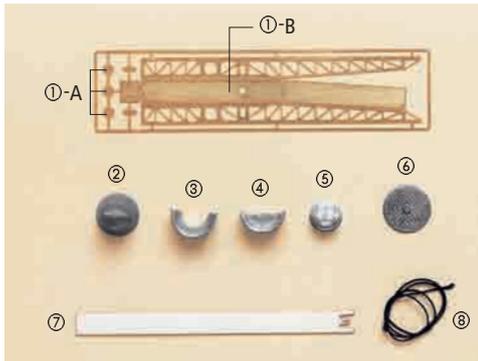


**70** Bring the ends of piece 8 placed in Step 69 to the tip of the boom and, with fast-drying glue, fix one end to piece 7 of Step 63 and the other to pieces 6 of Step 62. When the glue is dry, remove the excess wire.





# Catapult and stern components



- ① Finishing board
- ② Stern component
- ③ Stern component
- ④ Stern component
- ⑤ Stern component
- ⑥ Stern component
- ⑦ Board
- ⑧ Thread

## Recommended tools and materials

- Fast-drying glue
- Metal file
- Sandpaper (grain nos. 400 and 800)
- Putty
- Wooden spatula
- Craft knife
- Adhesive tape
- Double-sided adhesive tape
- Long-nosed pliers
- Paintbrush
- Paint primer
- Metal primer
- Spray paint (battleship grey)
- Watercolour (battleship grey, matt black)

## CATAPULT AND STERN COMPONENTS

**71** With the metal file, remove all irregularities and projections from pieces 2 to 6. Where the metal file will not reach, use the tip of the craft knife, taking care not to damage the surrounding parts.



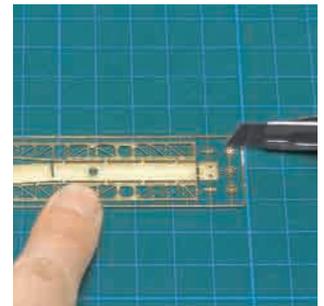
**74** Hold piece 2 in the position shown in the photo and, with fast-drying glue, fix piece 6 on its upper surface. You have made the base of the catapult.



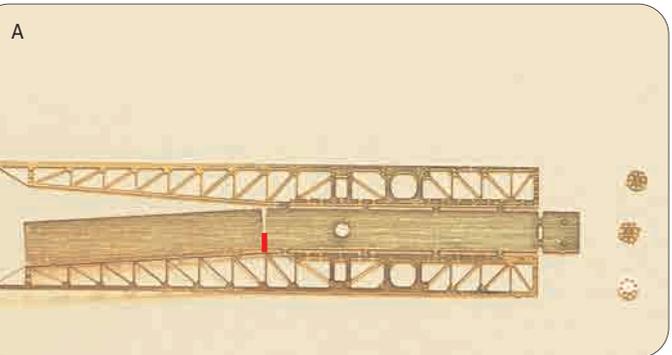
**72** Smooth the surfaces of pieces 2 to 6 with sandpaper grain no. 800, without changing the original shape.



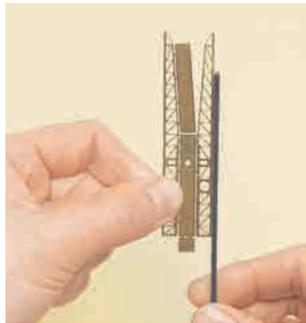
**75** With the craft knife, cut the junction points of the piece 1 and separate piece 1A and piece 1B. Then, cut the join indicated by the red line in Figure A.



**73** Fill any hollows in pieces 2 to 6 with putty, using a wooden spatula. When dry, remove the excess putty using sandpaper grain no. 800.



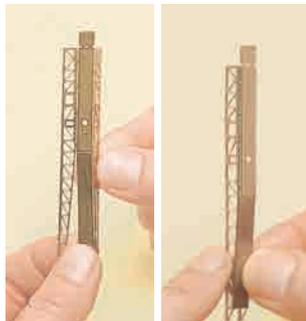
**76** Smooth the cuts of pieces **1A** and **1B** with the metal file, being careful not to damage them.



**77** Holding piece **1B**, as shown in the photo, bend the right side of the upper central board at right angles towards the inside. Be careful not to use excessive force: if you use long-nosed pliers, wrap the ends with adhesive tape to avoid scratching the piece.



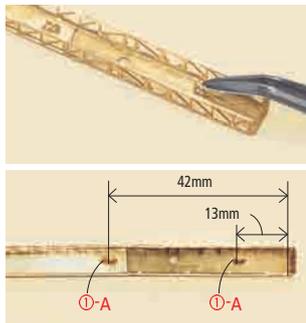
**78** As in Step 77, as shown in the photo (right), bend the lower central board at a right angle on the left side and make it correspond with the central panel above. Then bend the left side in terms of the upper central panel at right angles, as shown in the photo (far right).



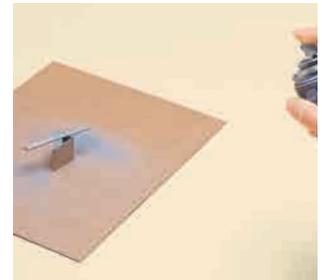
**79** Bend the upper square panel at a right angles towards the inside.



**80** Hold the piece made in Step 79, as shown in the photo (right, above). With fast-drying glue, fix a piece **1A** in a vertical position in each of the points shown in the photo (right, below). You have made the body of the catapult.



**81** From a distance of 30cm, spray paint primer evenly on piece **7**. As shown in the photo, it is easier if you secure the piece to cardboard with double-sided adhesive tape.

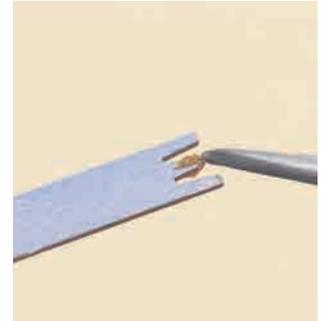


⚠ When using paint primer, ventilate the room well and follow the instructions on the packaging.

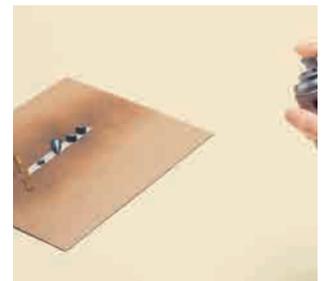
**82** When the primer is dry, smooth with sandpaper grain no. 400.



**83** Insert a piece **1A** in the notch at the tip of piece **7** and fix with glue. You have just made the top panel of the catapult.

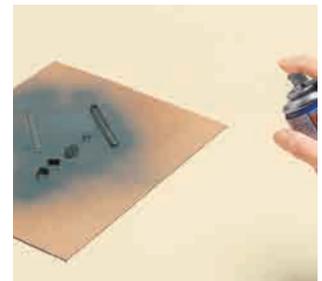


**84** From a distance of 30cm, spray metal primer evenly on the base, on the body, on the top panel of the catapult and on pieces **3** to **5**. It is easier if you secure the pieces to cardboard with double-sided adhesive tape.



⚠ When using metal primer, ventilate the room well and follow the instructions on the packaging.

**85** When the primer is dry, spray a light coat of battleship grey from a distance of 30cm. Repeat the operation several times from different angles, always waiting for the paint to dry between coats.

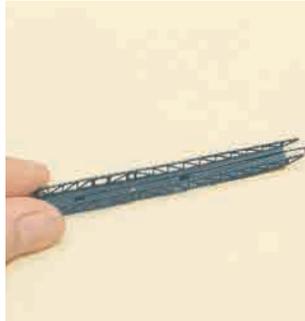


⚠ When using spray paint, ventilate the room well and follow the instructions on the packaging.

**86** Secure piece 5 on a slat with double-sided adhesive tape and paint the grooves with a 1 to 2 mixture of matt black and battleship grey watercolours.



**87** Hold the catapult, as shown in the photo, and, with fast-drying glue, fix one end of 8 on the upper surface of piece 1A on the left. Stretch 8 and fix it on the upper surface of piece 1A on the right. Continue to stretch 8 on the right side beyond the body of the catapult.



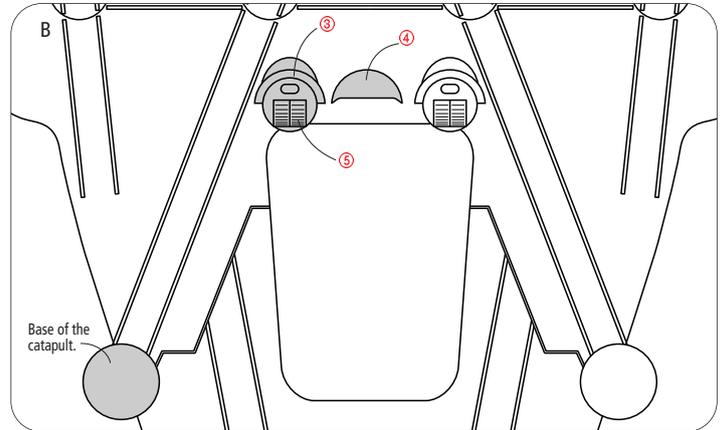
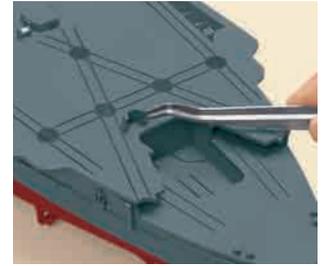
**88** Hold what you made in Step 87 as shown in the photo, fit the top panel on top and fix with fast-drying glue.



**89** After winding the 8 coming out of the body of the catapult to piece 1A of the panel, fix it with glue, then pull it to the right and fix it to the right end of piece 7. When the glue is dry, cut off the excess 8.



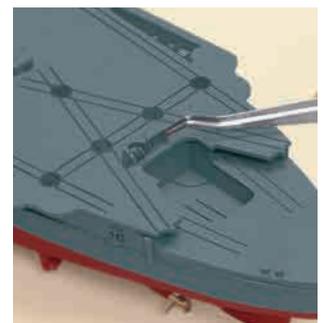
**90** Take the ship built so far and fix pieces 3 (Figure B) on the rear deck with fast-drying glue.



**91** In the inner part of the piece 3 built in Step 90, fix piece 5 with fast-drying glue.

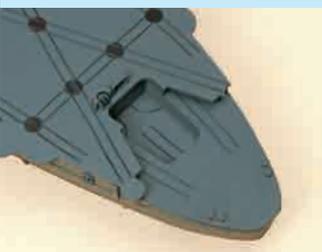


**92** With fast-drying glue, fix piece 4 on the aftdeck (Figure B, above).



**93** On the port side of the aftdeck, fix the base of the catapult (Figure B) with fast-drying glue. Fix it so that the groove of piece 2 fits the hull.





**COMPLETED PIECES**

CATAPULT

STERN COMPONENTS

