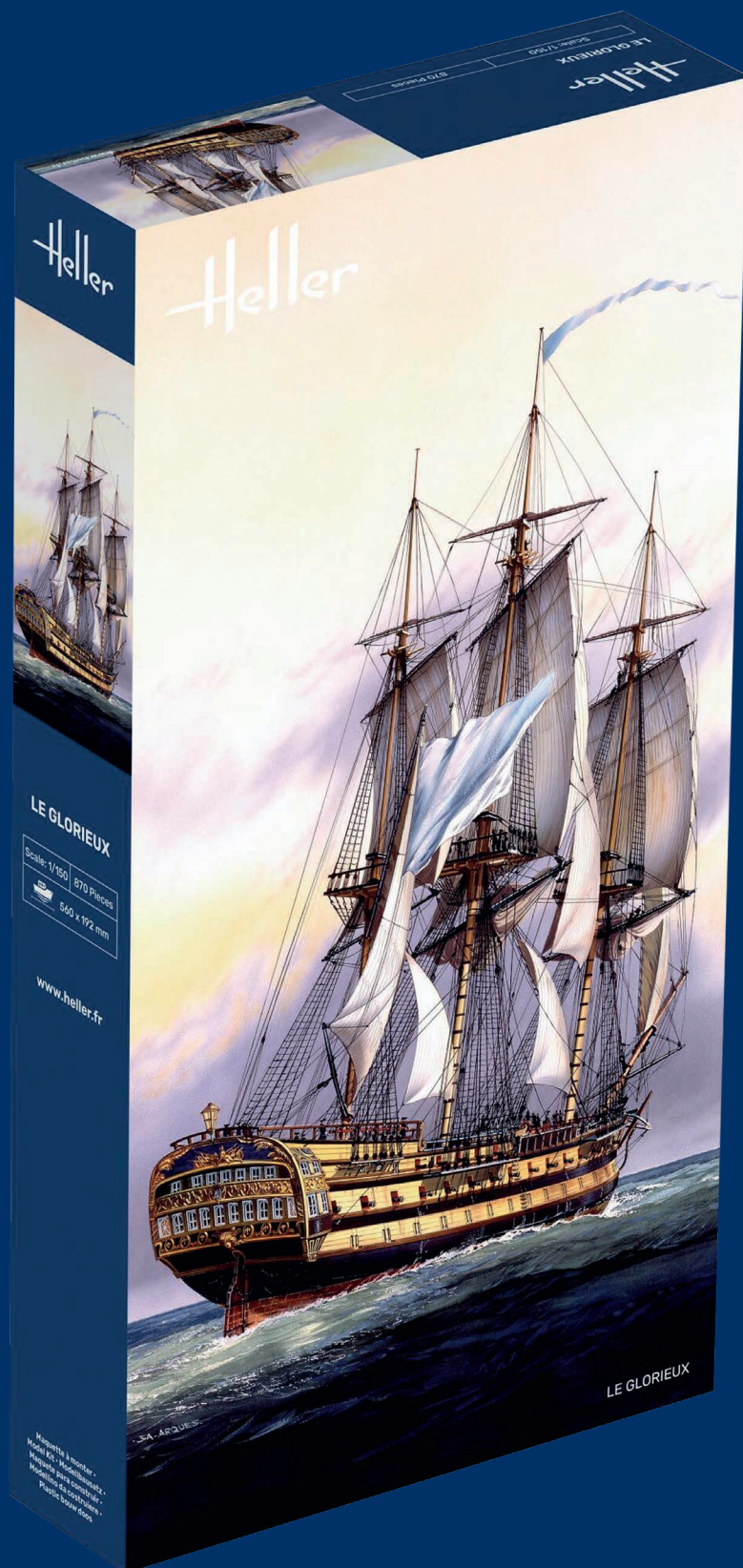


Heller

LE GLORIEUX

80889



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Français

Ce vaisseau fut construit sous le règne de Louis XV. Il fut mis en chantier à Rochefort en 1756 sur les plans de Clairin-Deslaupiers.

Classé parmi les vaisseaux de 74 canons, il a la particularité d'avoir une coque doublée de cuivre. Cette pratique du doublage se généralisa beaucoup plus tard, à partir de 1770. Elle permettait à la coque, et notamment à la carène de ne pas être attaquée par les vers et autres parasites. Le GLORIEUX est équipé de 74 canons répartis ainsi: 28 canons de 36 livres sur le pont de la 1ère batterie, 30 canons de 18 livres sur le pont de la 2ème batterie et 16 canons de 8 livres sur le gaillard. Comme tous les vaisseaux de 74 canons, le GLORIEUX ne possédait pas de mantelet à la seconde batterie. Comme tous les navires construits au début du XVIIIème siècle, le GLORIEUX possède un château coiffé à l'arrondi.

En 1779, il était parmi les bateaux qui composaient l'Escadre du Comte d'Estaing, dite aussi Escadre d'Amérique.

Il faisait partie de l'Escadre Bleue ayant pour Navire Amiral "La COURONNE".

Année de fabrication	1756	Poids	1500 t
Longueur totale	85 m	Quantité produite	1
Largeur	30 m	Vitesse maximale	5-7 kn
Hauteur	64 m		

Deutsch

Dieses Schiff wurde während der Herrschaft von Ludwig XV. gebaut. Es wurde 1756 in Rochefort nach den Plänen von Clairin-Deslaupiers erbaut. Es gehört zu den 74-Kanonen-Schiffen und hat die Besonderheit, dass ihr Rumpf mit Kupfer ausgekleidet ist. Diese Praxis der Verdopplung des Rumpfes wurde erst viel später, ab 1770, weit verbreitet. Sie erlaubte es, dass der Rumpf und insbesondere die Hülle des Rumpfes nicht von Würmern und anderen Parasiten angegriffen werden konnte. Die GLORIEUX ist mit 74 Kanonen ausgestattet, die wie folgt verteilt sind: 28 Kanonen von 36 Pfund auf dem 1. Deck, 30 Kanonen von 18 Pfund auf dem 2. Deck und 16 Kanonen von 8 Pfund auf dem Vorschiff. Wie alle 74-Kanonen-Schiffe verfügte die GLORIEUX nicht über ein Mantelet auf dem zweiten Deck. Wie alle Schiffe, die zu Beginn des 18. Jahrhunderts gebaut wurden, hatte auch die GLORIEUX ein Schloss mit einer abgerundeten Spitze.

Im Jahr 1779 gehörte sie zu den Schiffen, aus denen der Comte d'Estaing's Wing, auch bekannt als Wing of America, bestand. Sie gehörte zum Blauen Geschwader, dessen Flaggschiff die "La COURONNE" war.

Baujahr	1756	Gewicht	1500 t
Gesamtlänge	85 m	Gebaute Menge	1
Breite	30 m	Max. Geschwindigkeit	5-7 kn
Höhe	64 m		

Italiano

Questa nave fu costruita durante il regno di Luigi XV. Fu realizzata nel 1756 a Rochefort secondo i progetti di Clairin-Deslaupiers. Appartiene alle navi da 74 cannoni e ha come particolarità lo scafo rivestito di rame. Questa pratica di raddoppiare lo scafo si diffuse solo molto più tardi, a partire dal 1770. Evitava che lo scafo, e in particolare il suo involucro, potessero essere attaccati dai tarli e da altri parassiti. La GLORIEUX è armata con 74 cannoni, così distribuiti: 28 cannoni da 36 libbre sul primo ponte, 30 cannoni da 18 libbre sul secondo ponte e 16 cannoni da 8 libbre sul castello di prua. Come tutte le navi da 74 cannoni, la GLORIEUX non aveva un portello sul secondo ponte. Come tutte le navi costruite all'inizio del XVIII secolo, la GLORIEUX aveva un castello con la parte superiore arrotondata.

Nel 1779 era una delle navi che costituivano l'Armata del Conte d'Estaing, nota anche come Wing of America. Apparteneva alla Squadriglia Blu, la cui nave ammiraglia era "La Corona".

Anno di costruzione	1756	Il peso	1500 t
Lunghezza complessiva	85 m	Importo costruito	1
Ampio	30 m	Velocità massima	5-7 kn
Altezza	64 m		

English

This ship was built during the reign of Louis XV. It was built in Rochefort in 1756 according to the plans of Clairin-Deslaupiers. Listed among the 74-gun vessels, it has the particularity of having a copper-lined hull. This practice of lining became widespread much later, from 1770 onwards. It allowed the hull, and in particular the hull itself, not to be attacked by worms and other parasites. The GLORIEUX is equipped with 74 guns distributed as follows: 28 guns of 36 pounds on the deck of the 1st battery, 30 guns of 18 pounds on the deck of the 2nd battery and 16 guns of 8 pounds on the forecastle. Like all 74-gun vessels, the GLORIEUX did not have a mantelet on the second battery. Like all ships built at the beginning of the 18th century, the GLORIEUX had a castle topped with a rounded top. In 1779, she was one of the ships that made up the Comte d'Estaing's Wing, also known as the Wing of America.

It was part of the Blue Squadron, whose flagship was the Admiral's ship "La COURONNE".

Construction year	1756	Weight	1500 t
Total length	85 m	Built quantity	1
Width	30 m	Max. speed	5-7 kn
Height	64 m		

Español

Este barco fue construido durante el reinado de Luis XV. Fue construido en 1756 en Rochefort según los planos de Clairin-Deslaupiers. Pertenece a los barcos de 74 cañones y tiene la peculiaridad de que su casco está revestido de cobre. Esta práctica de revestimiento del casco no se extendió hasta mucho más tarde, a partir de 1770. Permitted que el casco y sobre todo la cubierta del casco no fuera atacada por gusanos y otros parásitos. El GLORIEUX está equipado con 74 cañones, distribuidos de la siguiente manera: 28 cañones de 36 libras en la primera cubierta, 30 cañones de 18 libras en la segunda cubierta y 16 cañones de 8 libras en la cubierta de proa. Como todos los barcos de 74 cañones, el GLORIEUX no tenía una tronera en la segunda cubierta. Como todos los barcos construidos a principios del siglo XVIII, el GLORIEUX tenía un castillo con la parte superior redondeada.

En 1779 fue uno de los barcos que formaban la escuadra del onde d'Estaing, también conocida como la Escuadra de América. Perteneía al Escuadrón Azul, cuyo buque insignia era «La COURONNE».

Año de construcción	1756	Peso	1500 t
Longitud total	85 m	Cantidad construida	1
Amplio	30 m	Velocidad máxima	5-7 kn
Altura	64 m		

Nederlands

Dit schip is tijdens het bewind van Lodewijk XV gebouwd. Het werd in 1756 in Rochefort gebouwd volgens de plannen van Clairin-Deslaupiers. Het behoort tot de 74-kanonschepen en heeft de bijzondere eigenschap dat de romp met koper bekleed is. Deze praktijk van het verdubbelen van de romp werd pas veel later, vanaf 1770, wijdverspreid. Hierdoor kon men vermijden dat wormen en andere parasieten de scheepsromp, en meer bepaald de buitenkant ervan, aantastten. De GLORIEUX is bewapend met 74 kanonnen die als volgt verdeeld zijn: 28 kanonnen van 36 pond op het 1e dek, 30 kanonnen van 18 pond op het 2e dek en 16 kanonnen van 8 pond op het voorschip. Zoals alle schepen met 74 kanonnen had de GLORIEUX geen mantelet op het tweede dek. Zoals alle schepen gebouwd aan het begin van de 18e eeuw had de GLORIEUX had ook een achterstevan met een afgeronde punt.

In 1779 behoorde ze tot de schepen die de Wing van Graaf d'Estaing vormden, ook wel bekend als de Wing of America. Ze behoorde tot het Blauwe Eskader, waarvan het vlaggenschip de "La COURONNE" was.

Bouwjaar	1756	Gewicht	1500 t
Totale lengte	85 m	Gebouwde hoeveelheid	1
Breed	30 m	Maximum snelheid	5-7 kn
Hoogte	64 m		

2

Numéro de phase
Step number
Schrittnummer
Número de fase

56

Référence de couleur
Colour reference no
Farbangabe
Referencia de color

37










Numéro de pièce
Part number
Teilenummer
Número de pieza

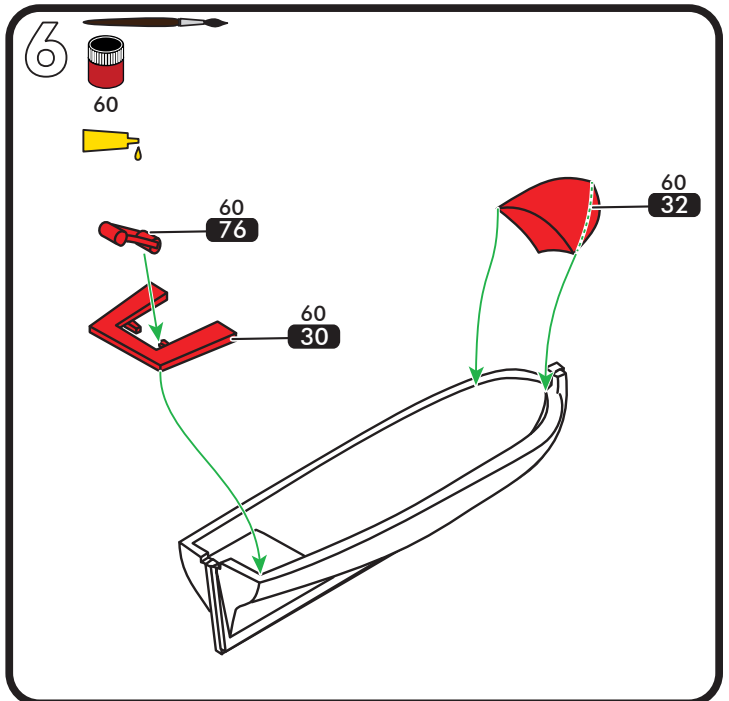
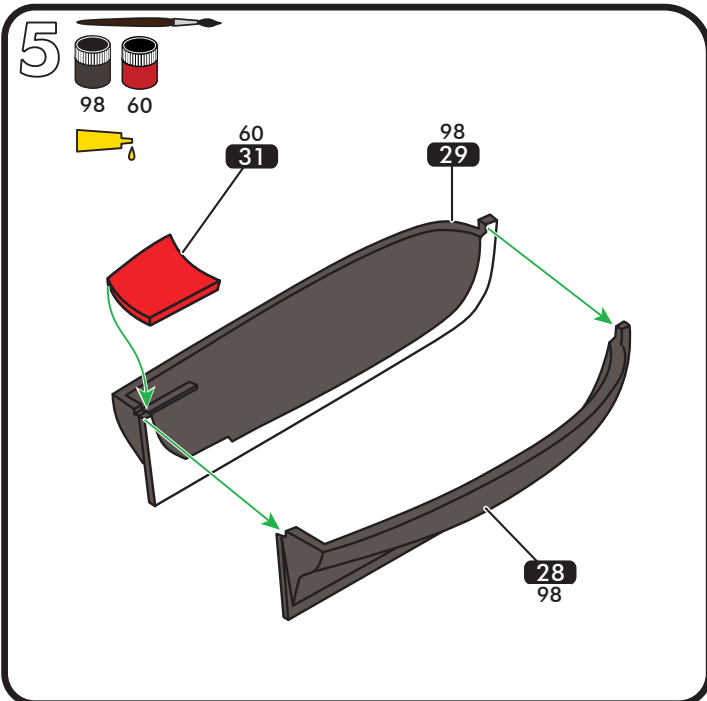
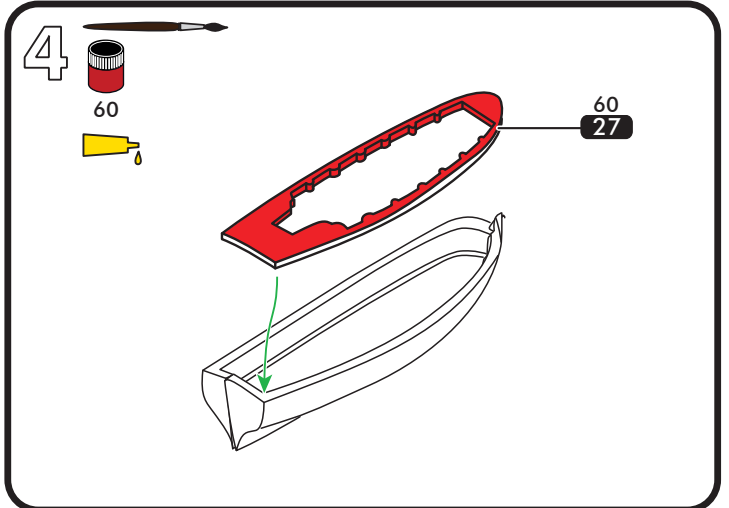
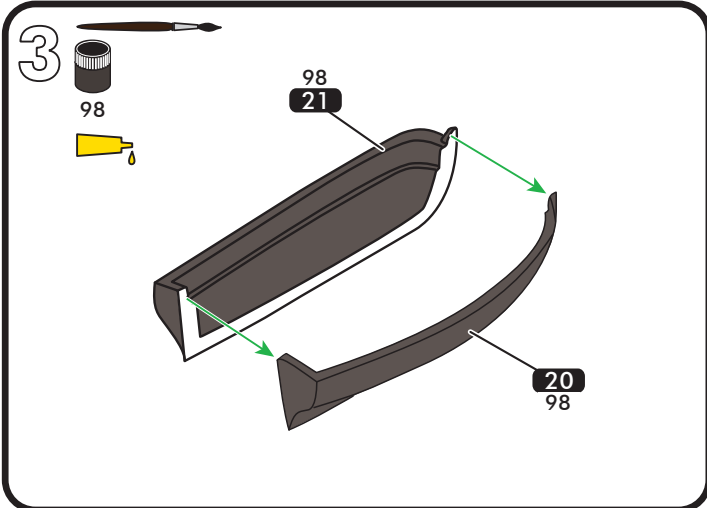
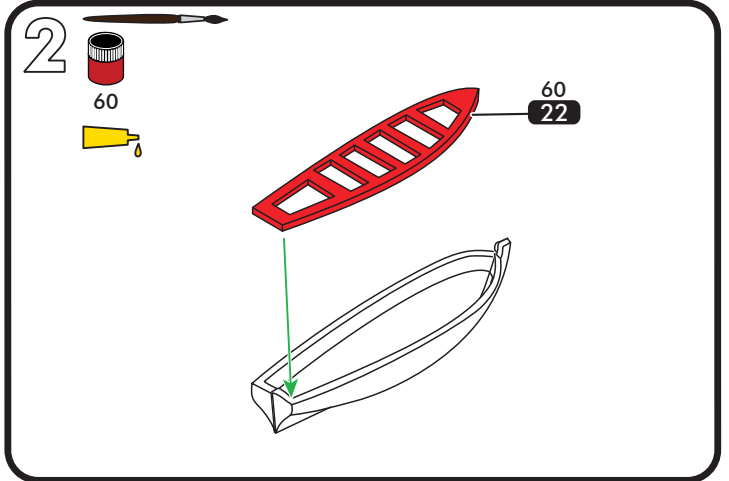
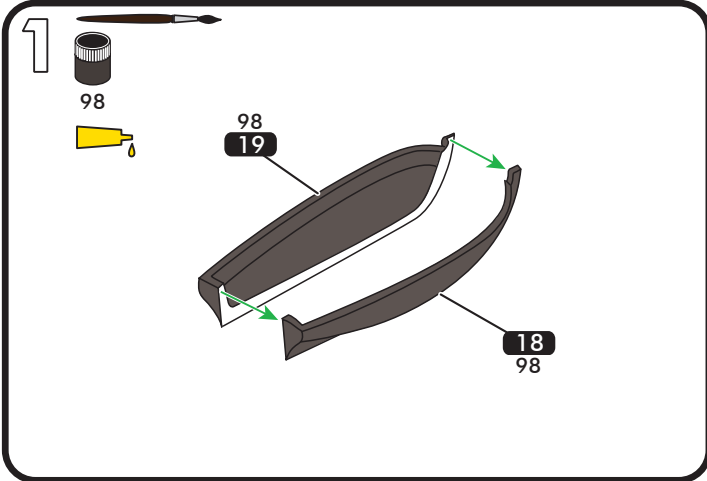
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Decal number
Abziehbildnummer
Número de calcomanía

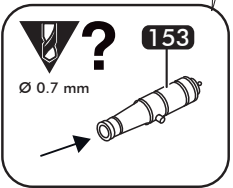
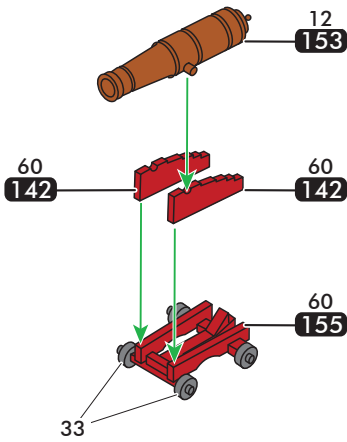
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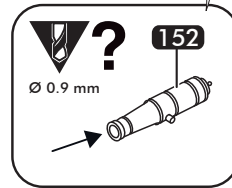
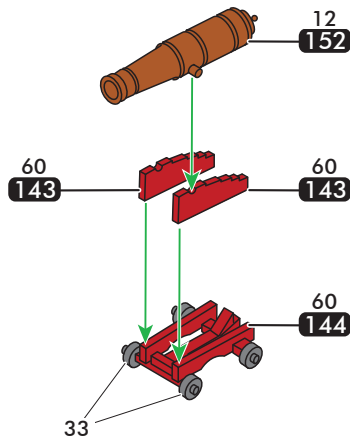
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| 12 | 16 | 25 | 33 | 34 | 60 | 63 | 98 | M1 |
| Cuivre jaune métallique
Copper Metallic
Kupfer metallisch | Or métallique
Gold Metallic
Gold metallisch | Bleu mat
Blue Matt
Blau matt | Noir mat
Black Matt
Schwarz matt | Blanc mat
White Matt
Weiß matt | Ecarlate mat
Scarlet Matt
Scharlachrot matt | Sable mat
Sand Matt
Sand matt | Chocolat mat
Chocolate Matt
Schokolade matt | 95% 34
5% 63 |



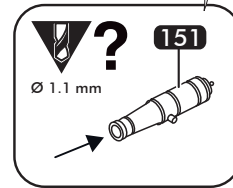
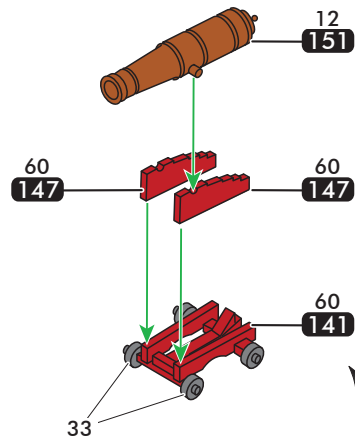
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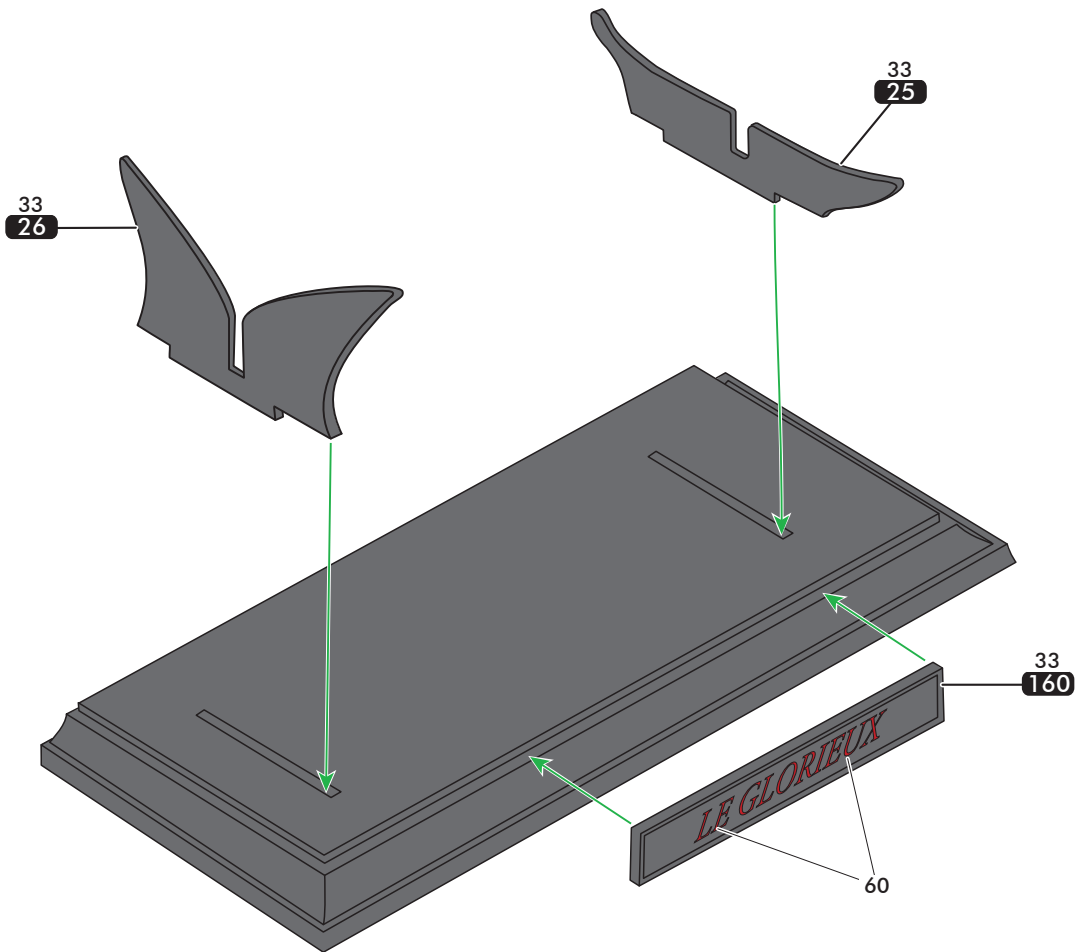
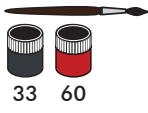
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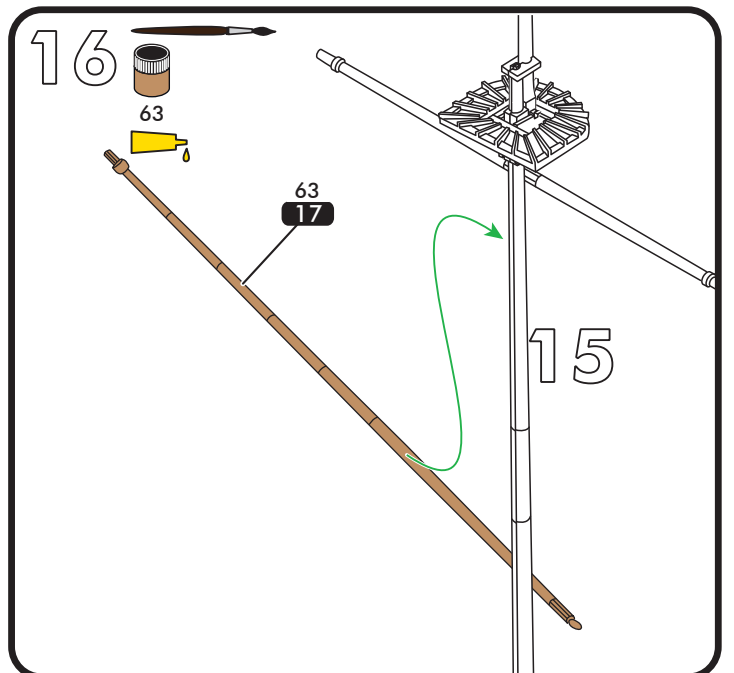
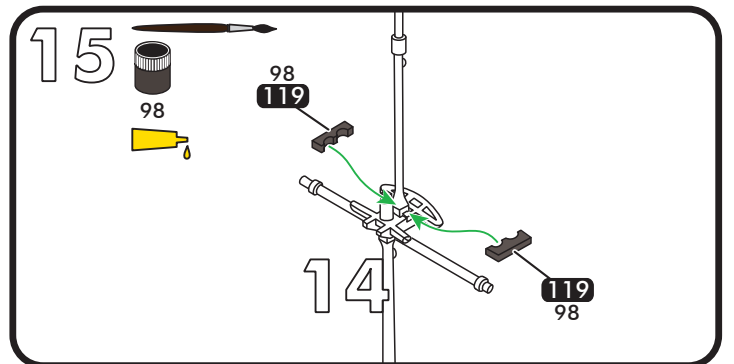
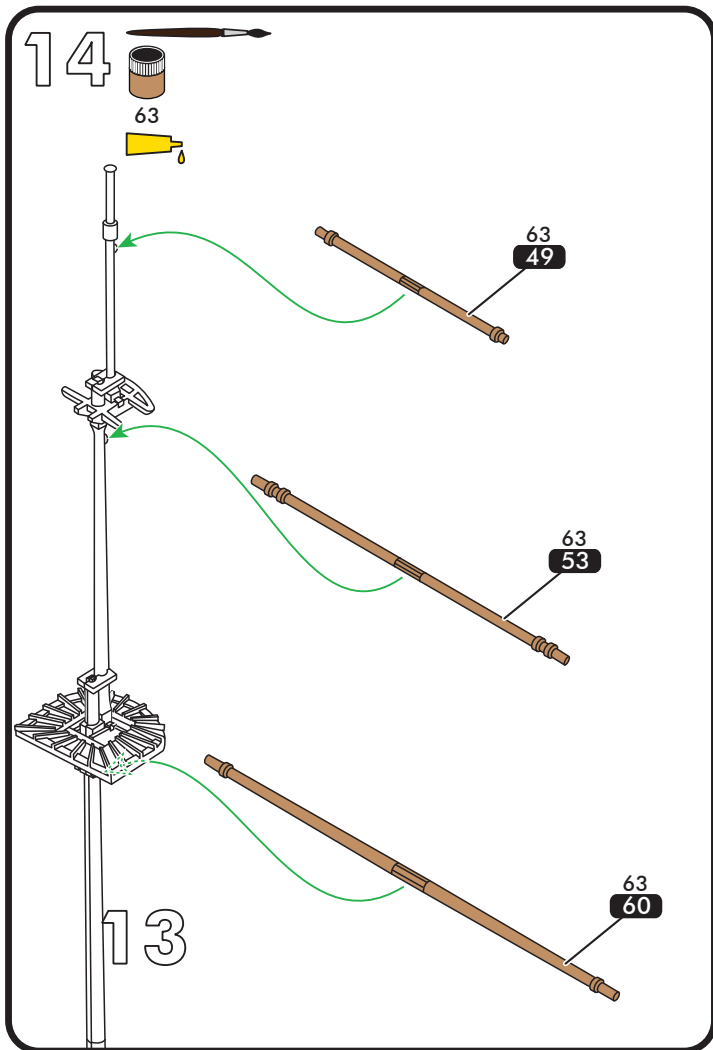
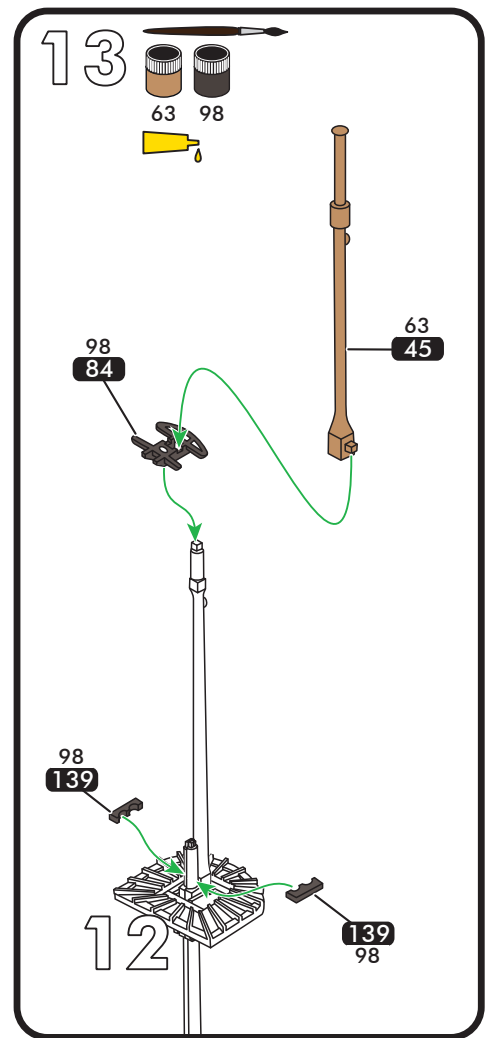
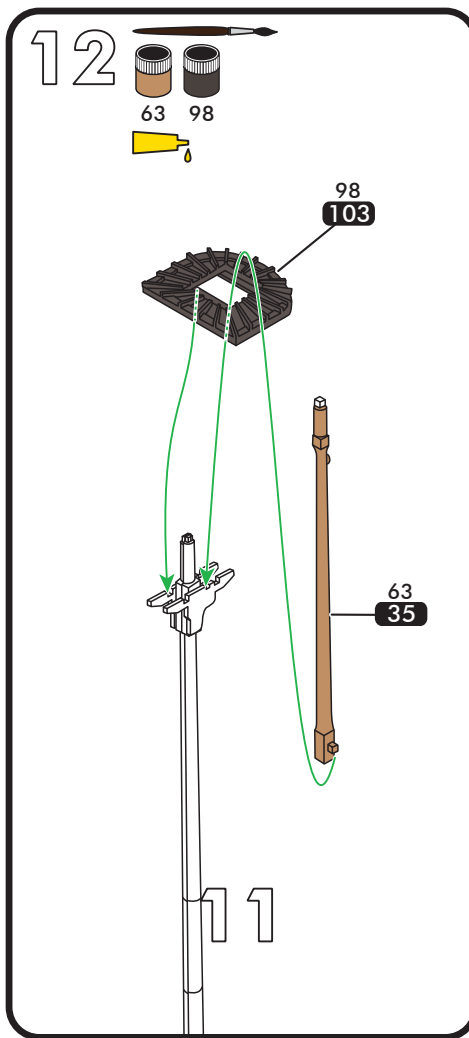
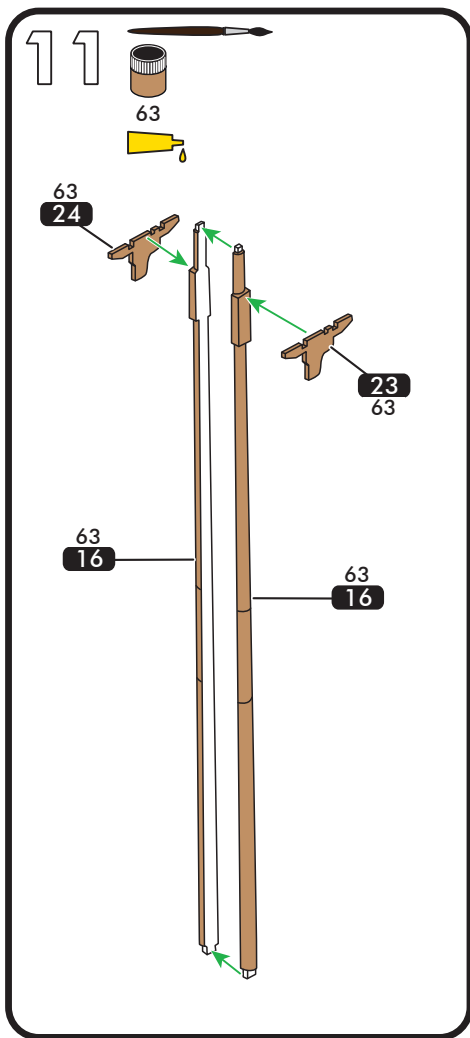


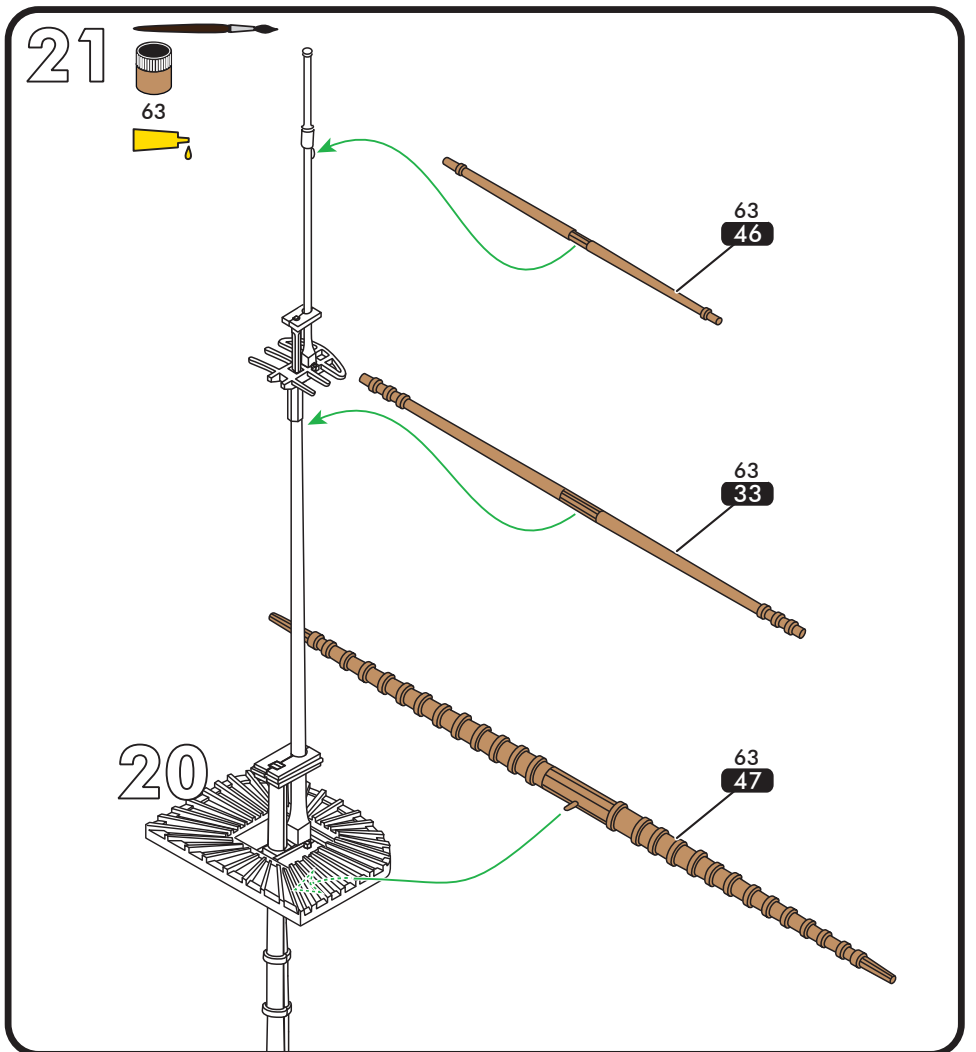
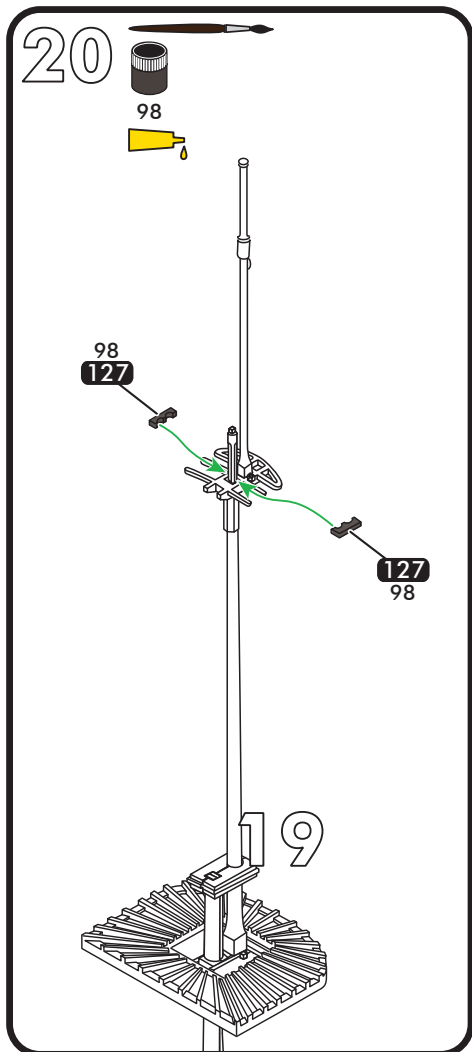
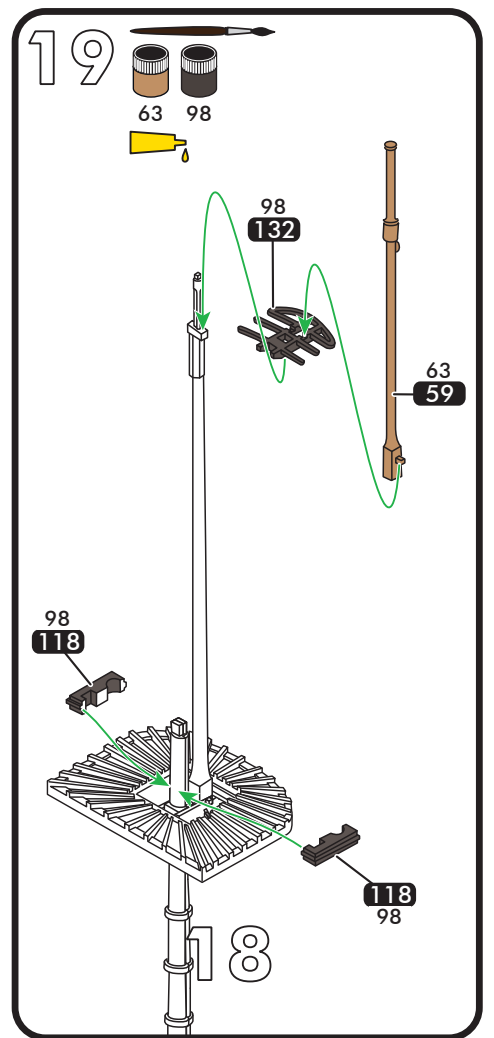
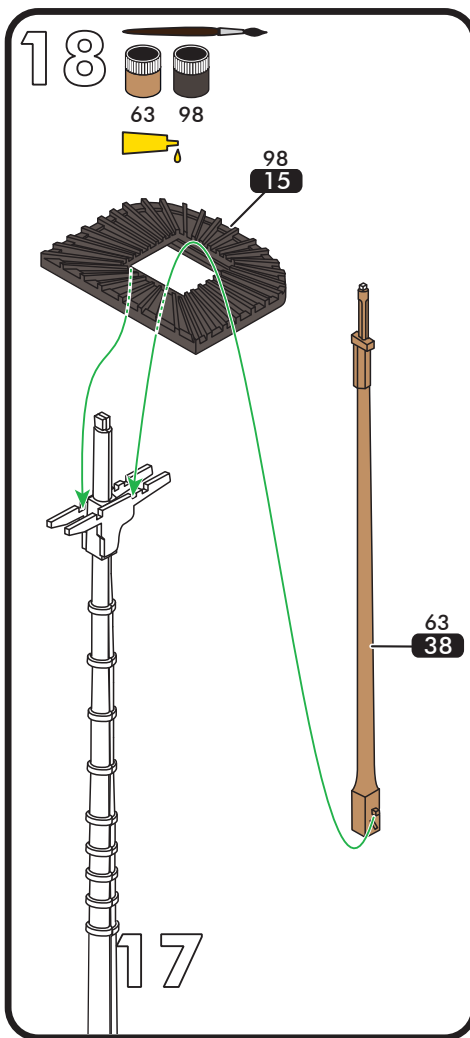
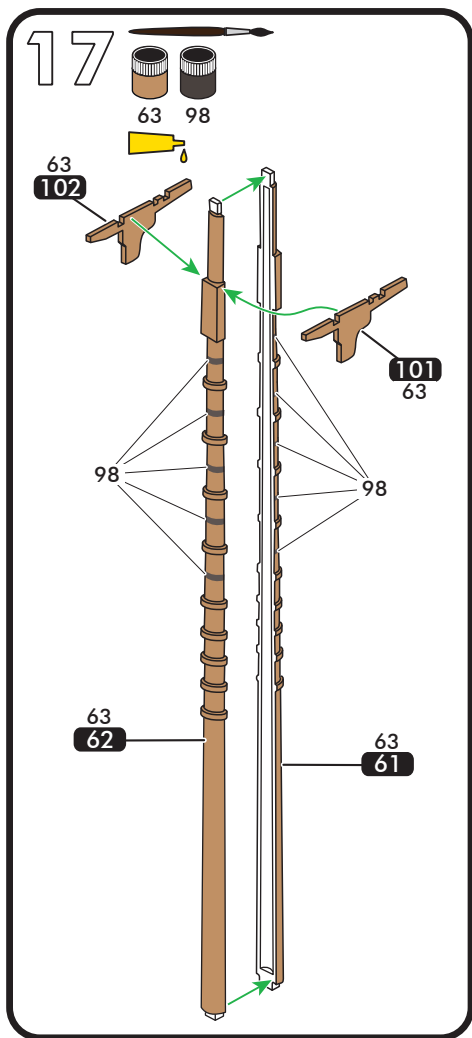
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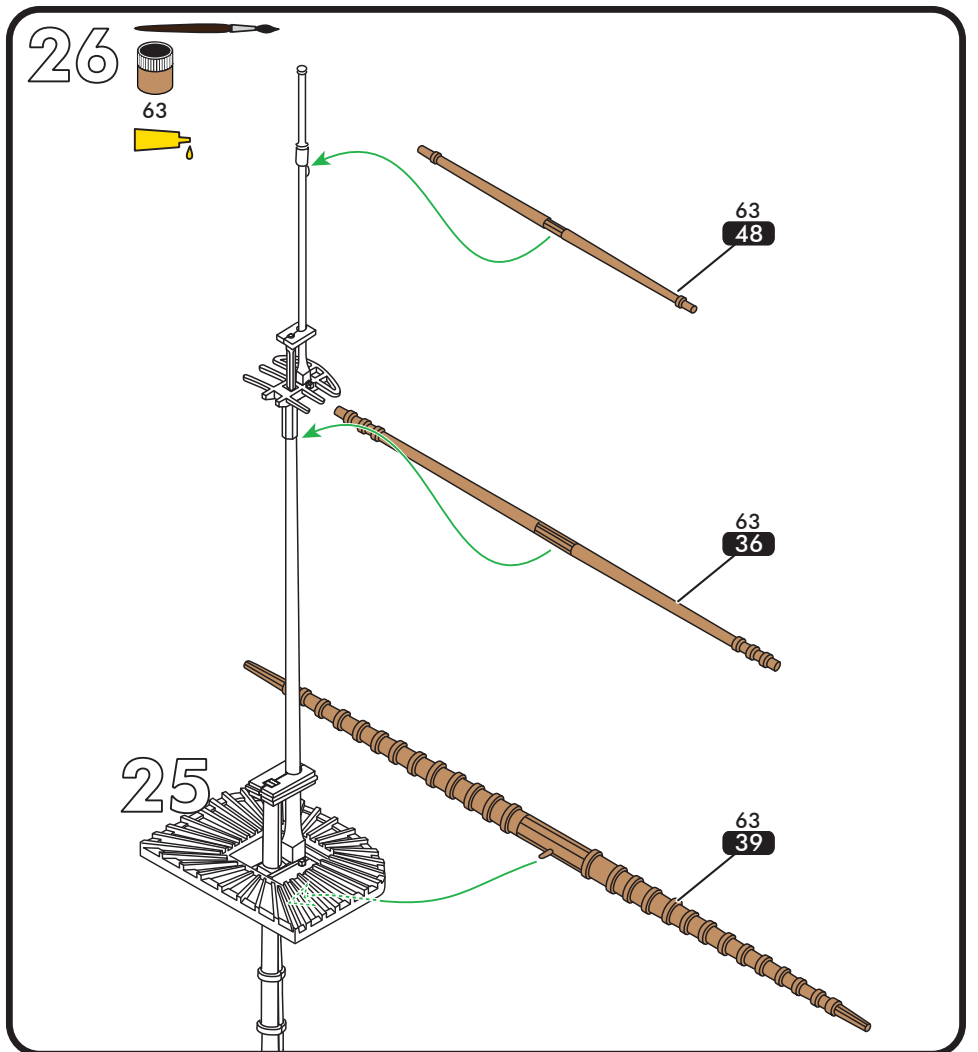
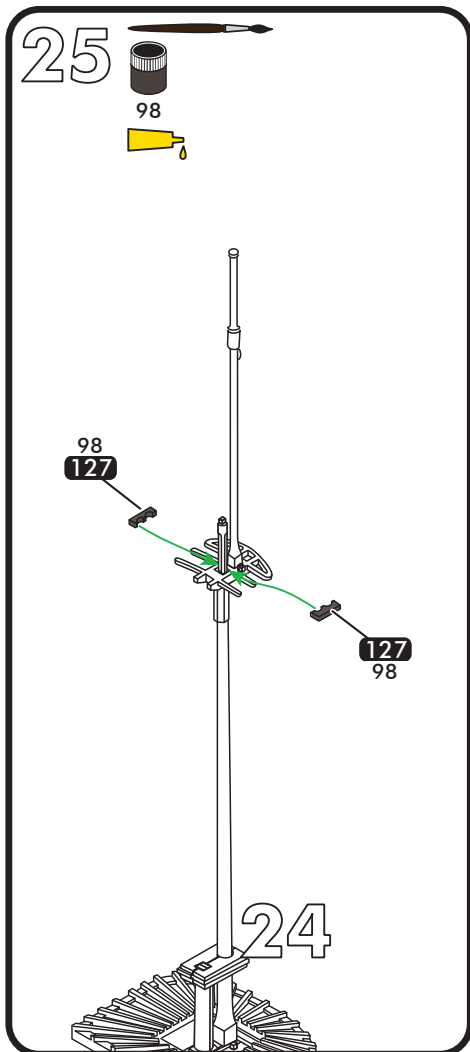
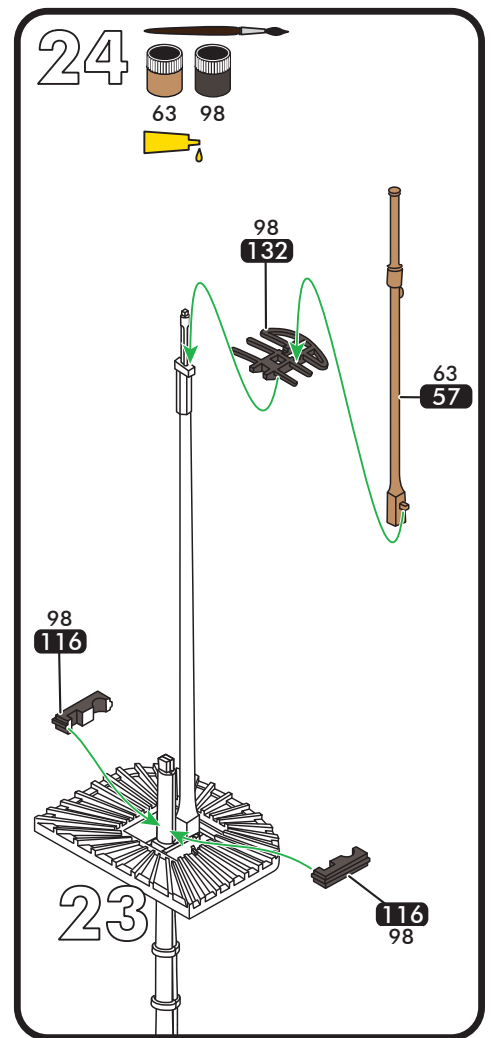
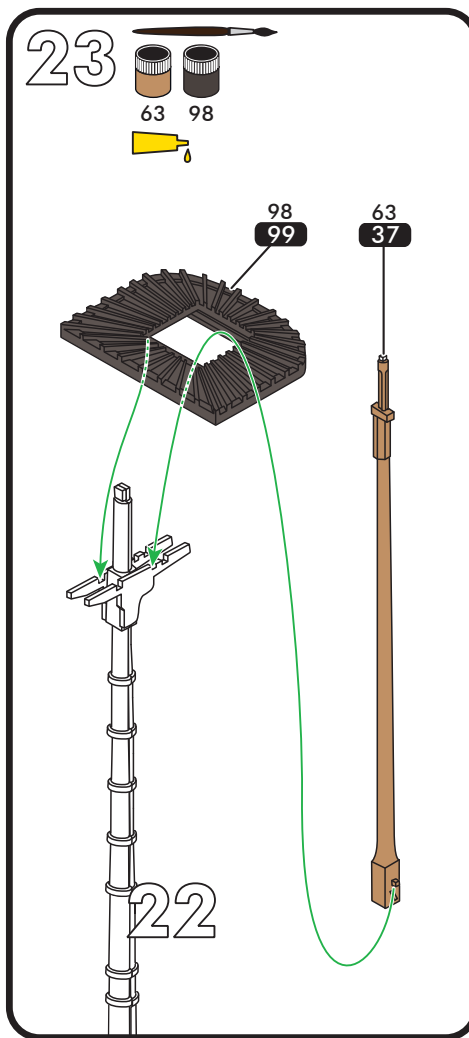
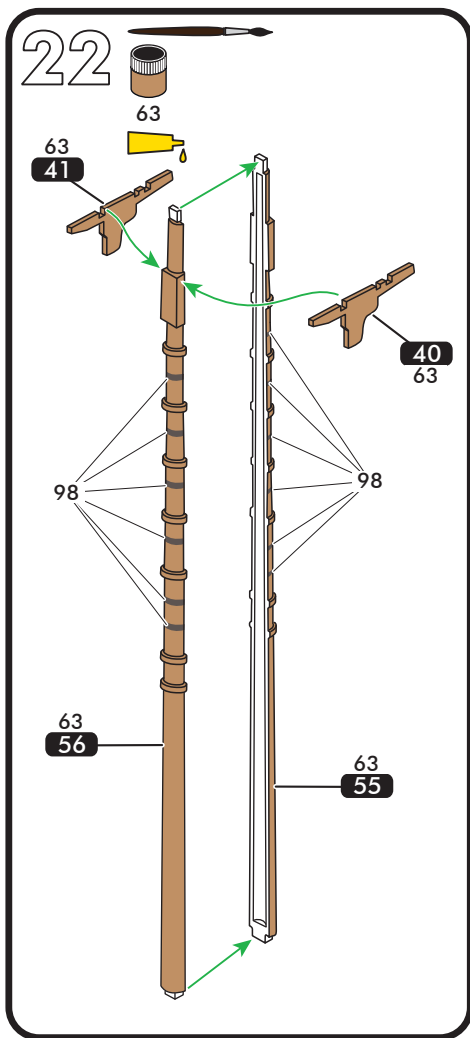


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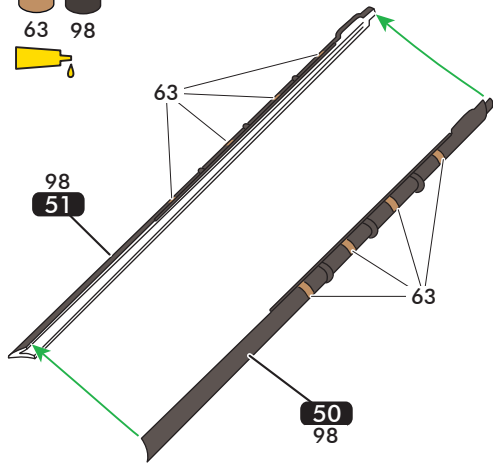
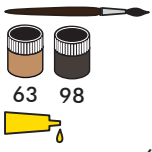




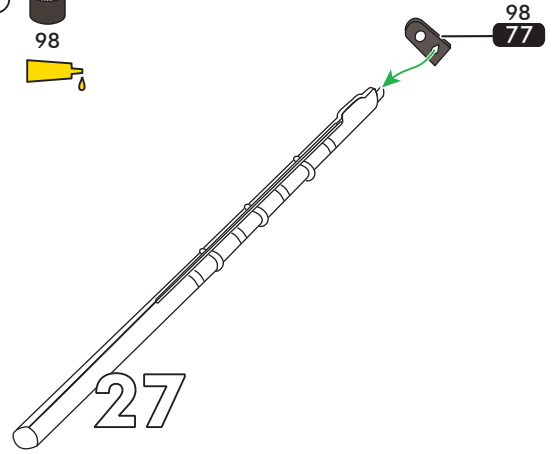
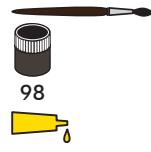




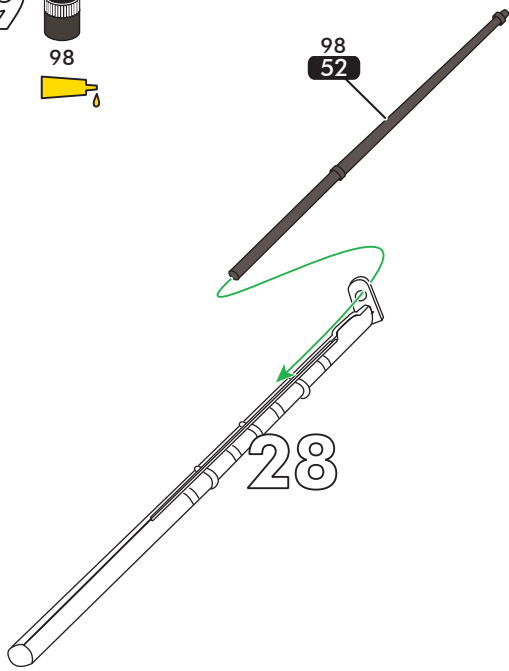
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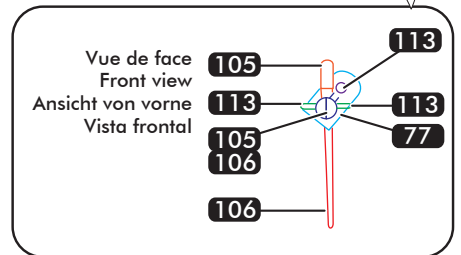
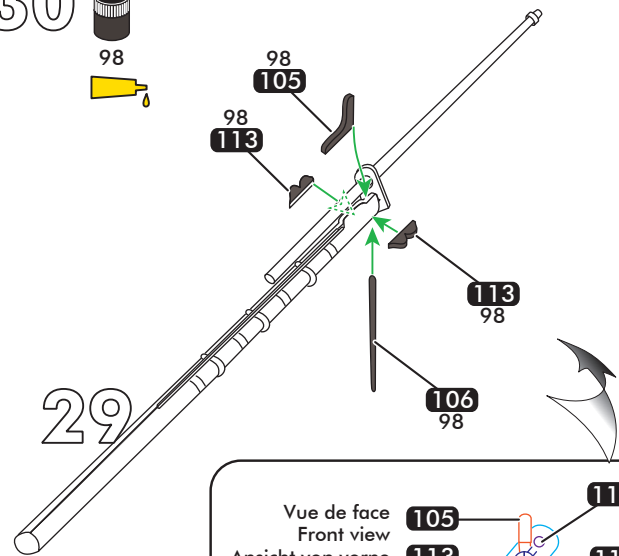
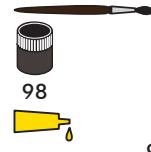
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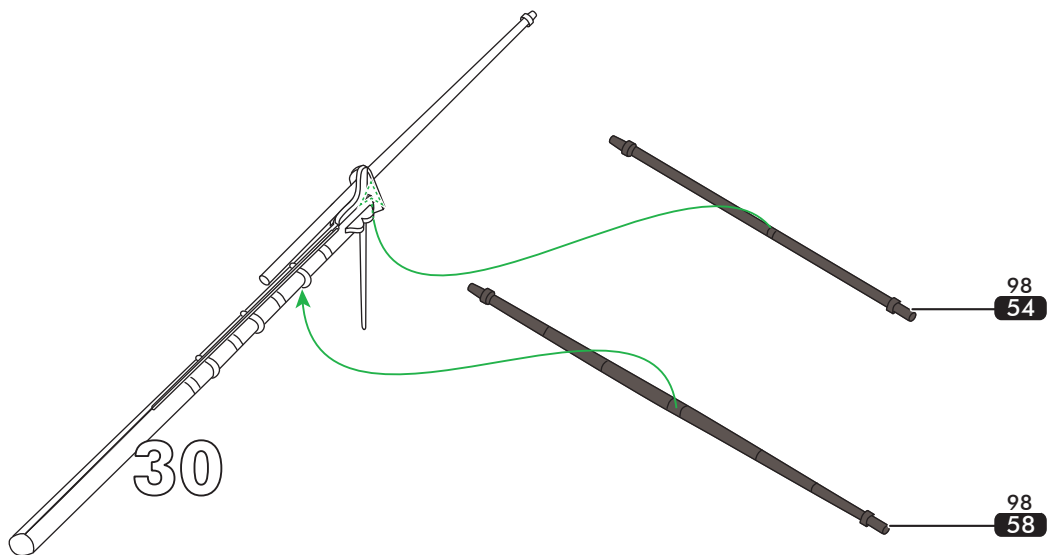
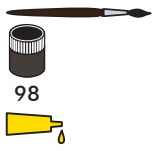
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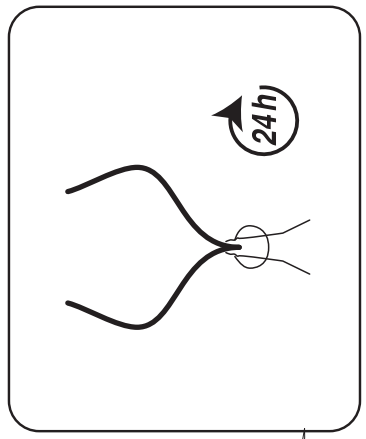
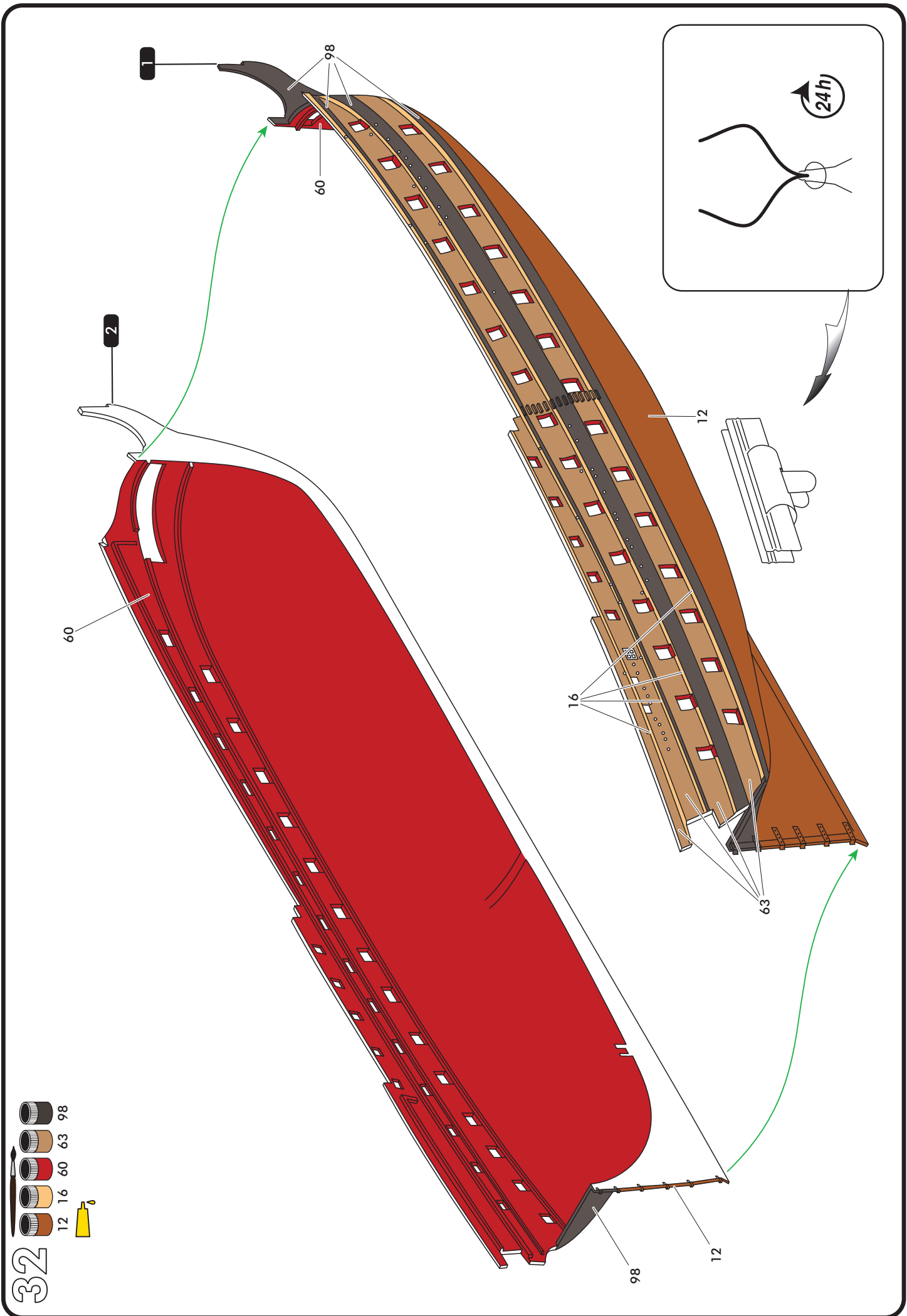









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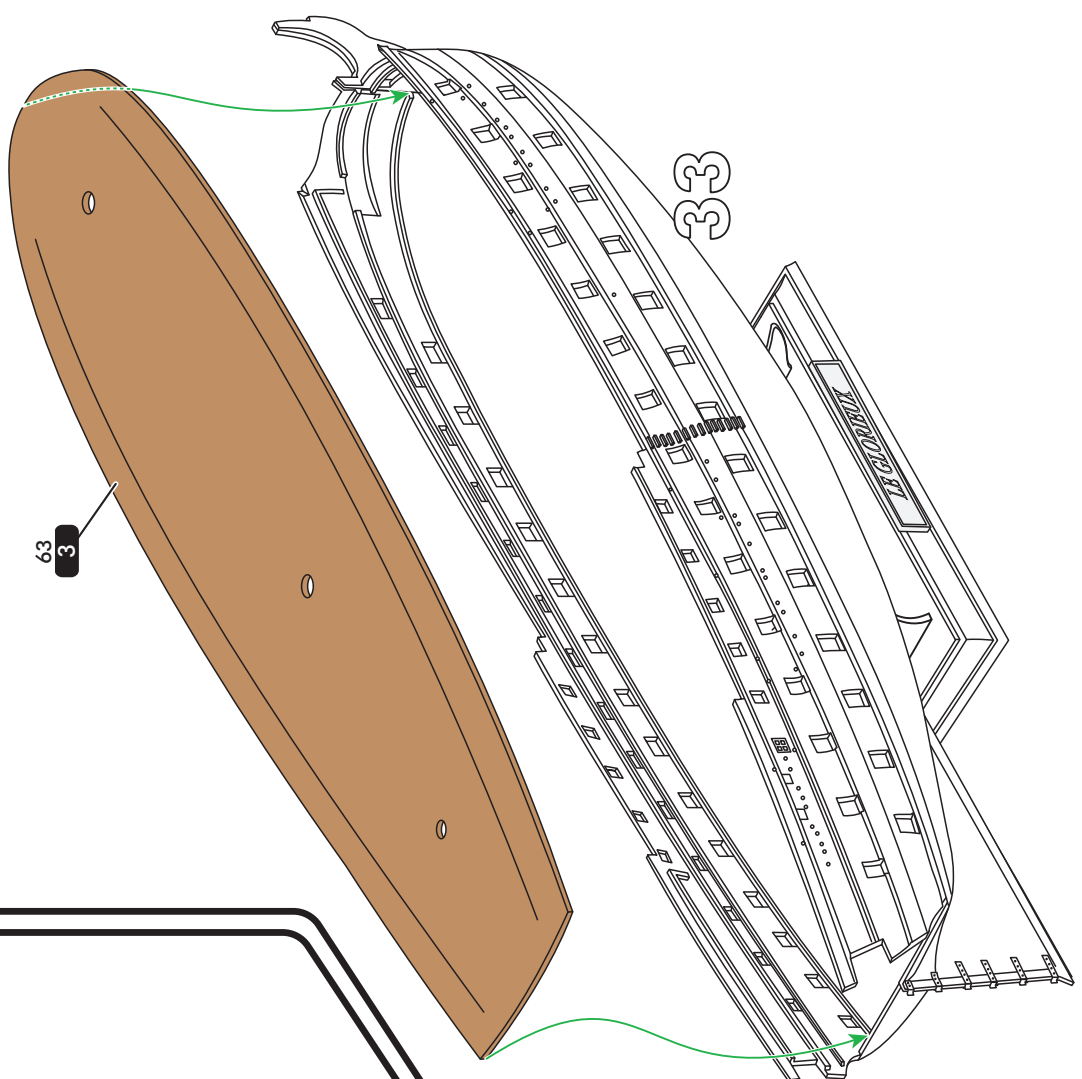


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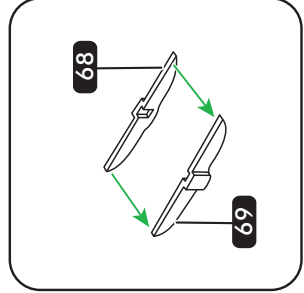
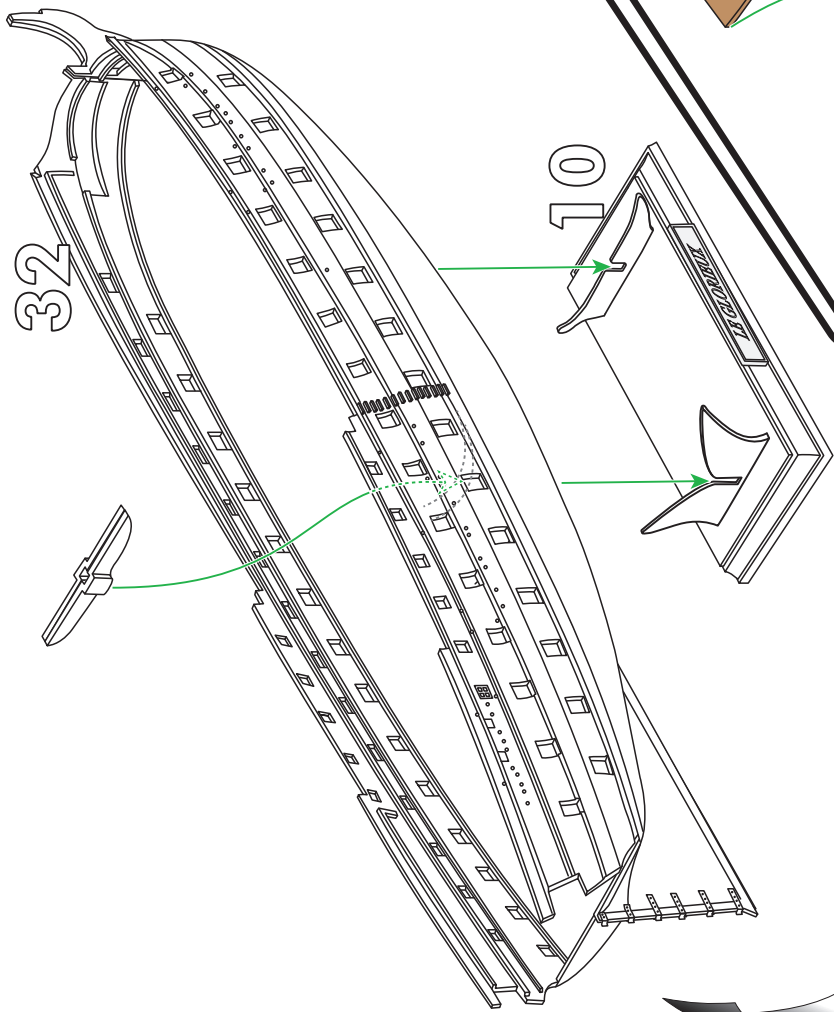
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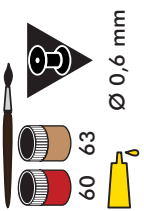


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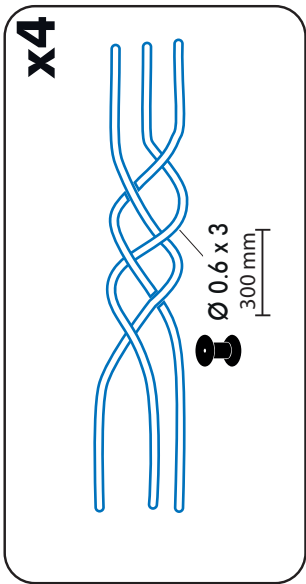
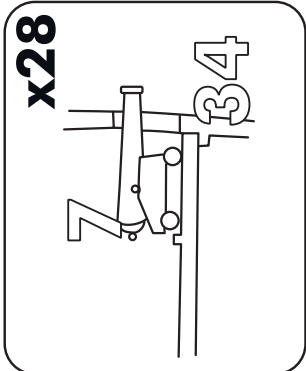
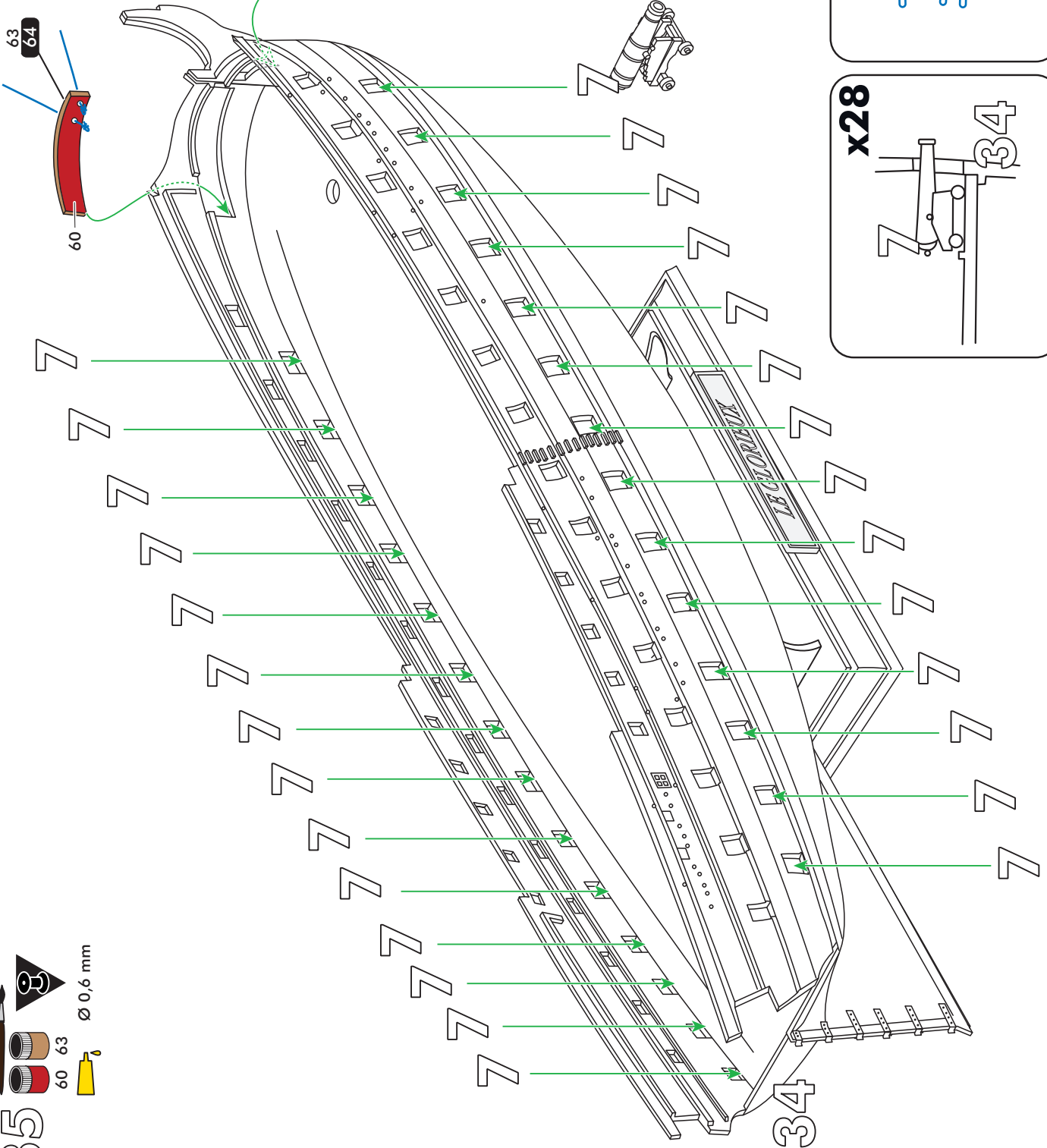


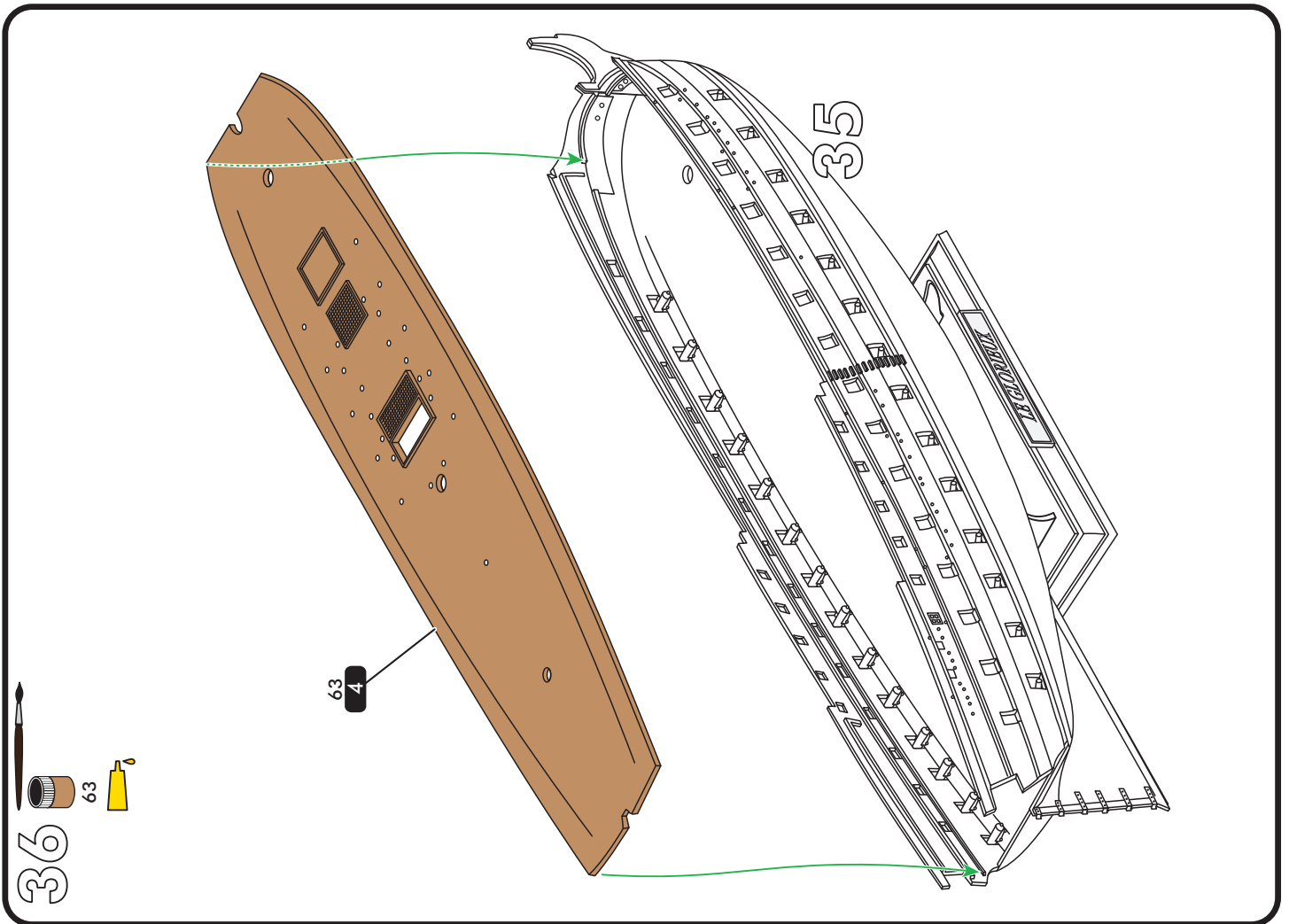
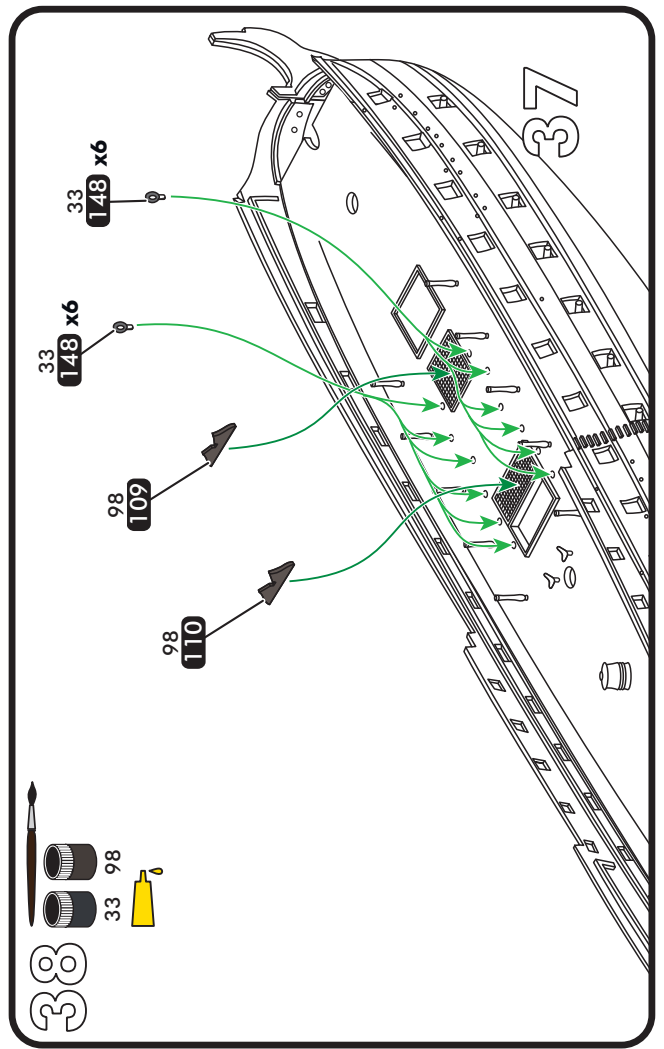
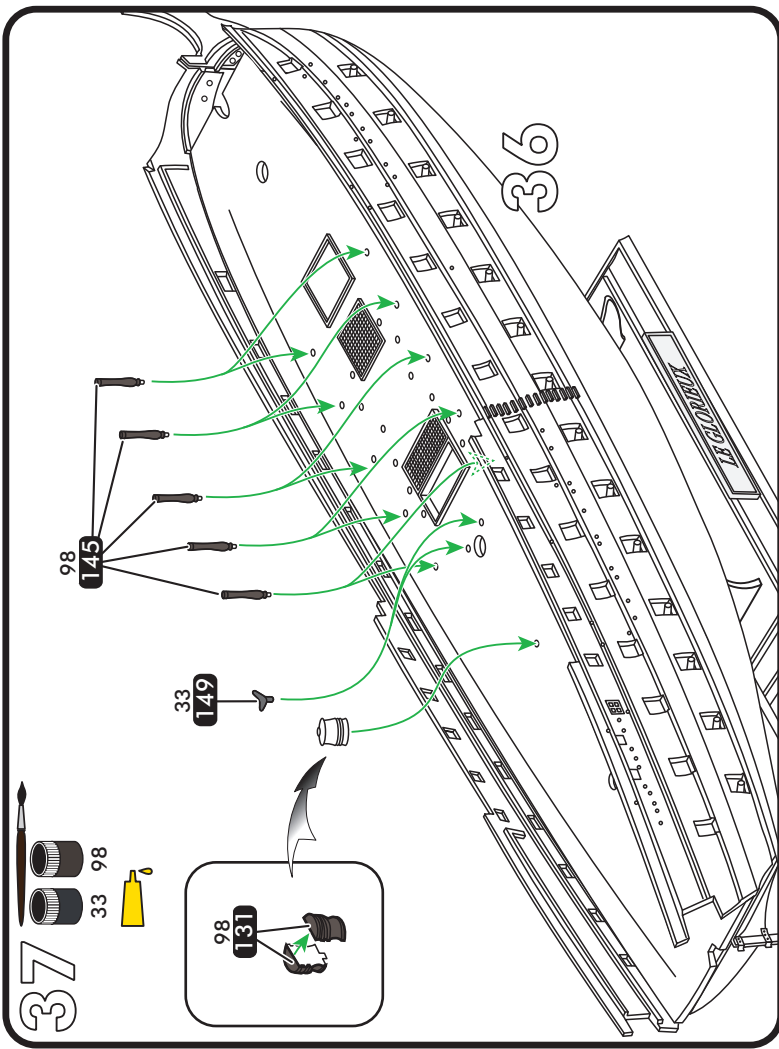
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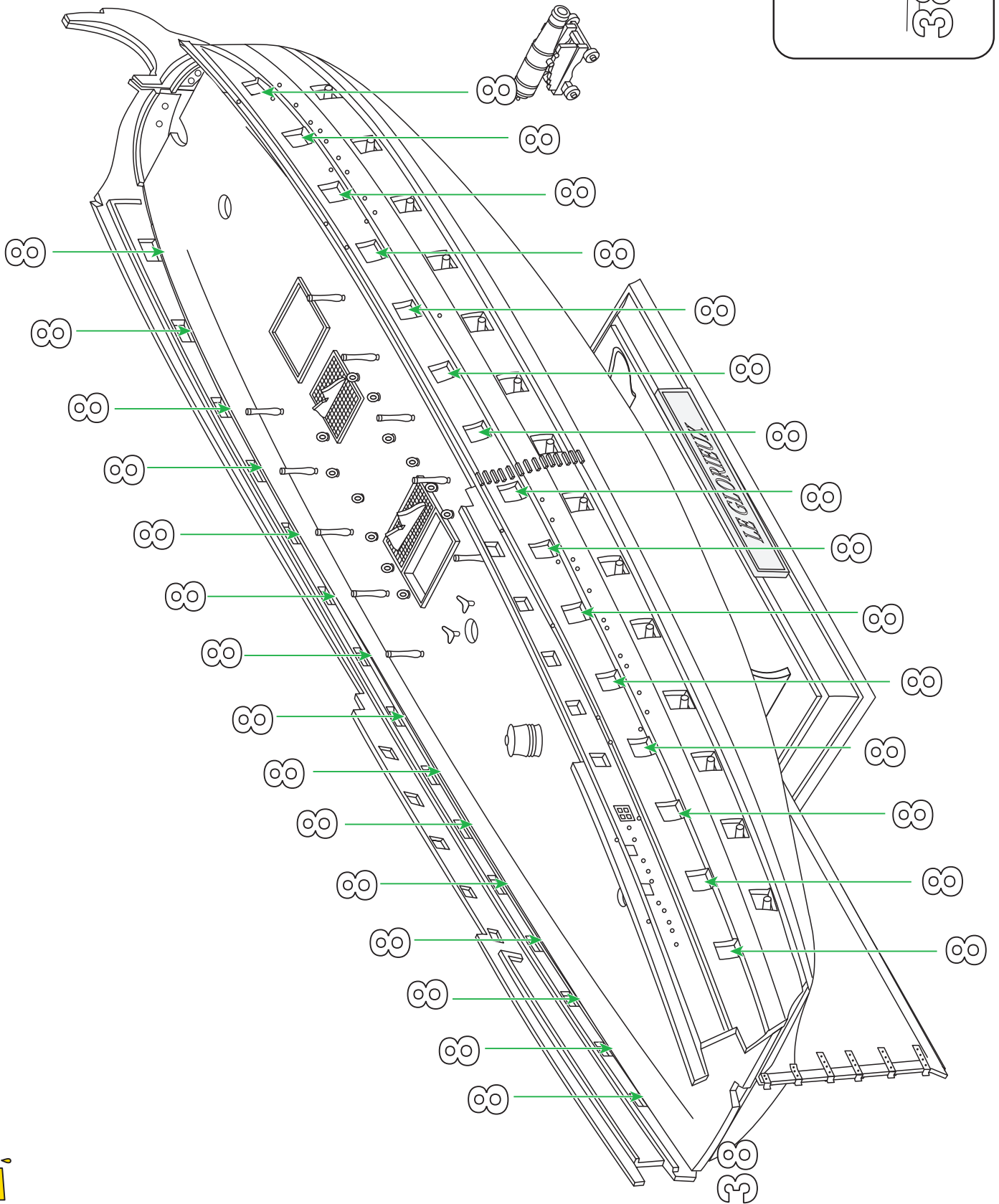
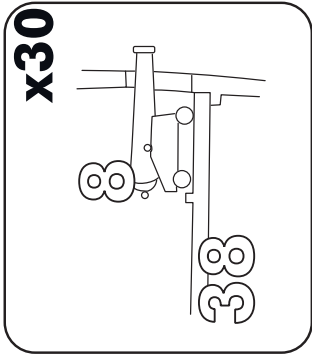


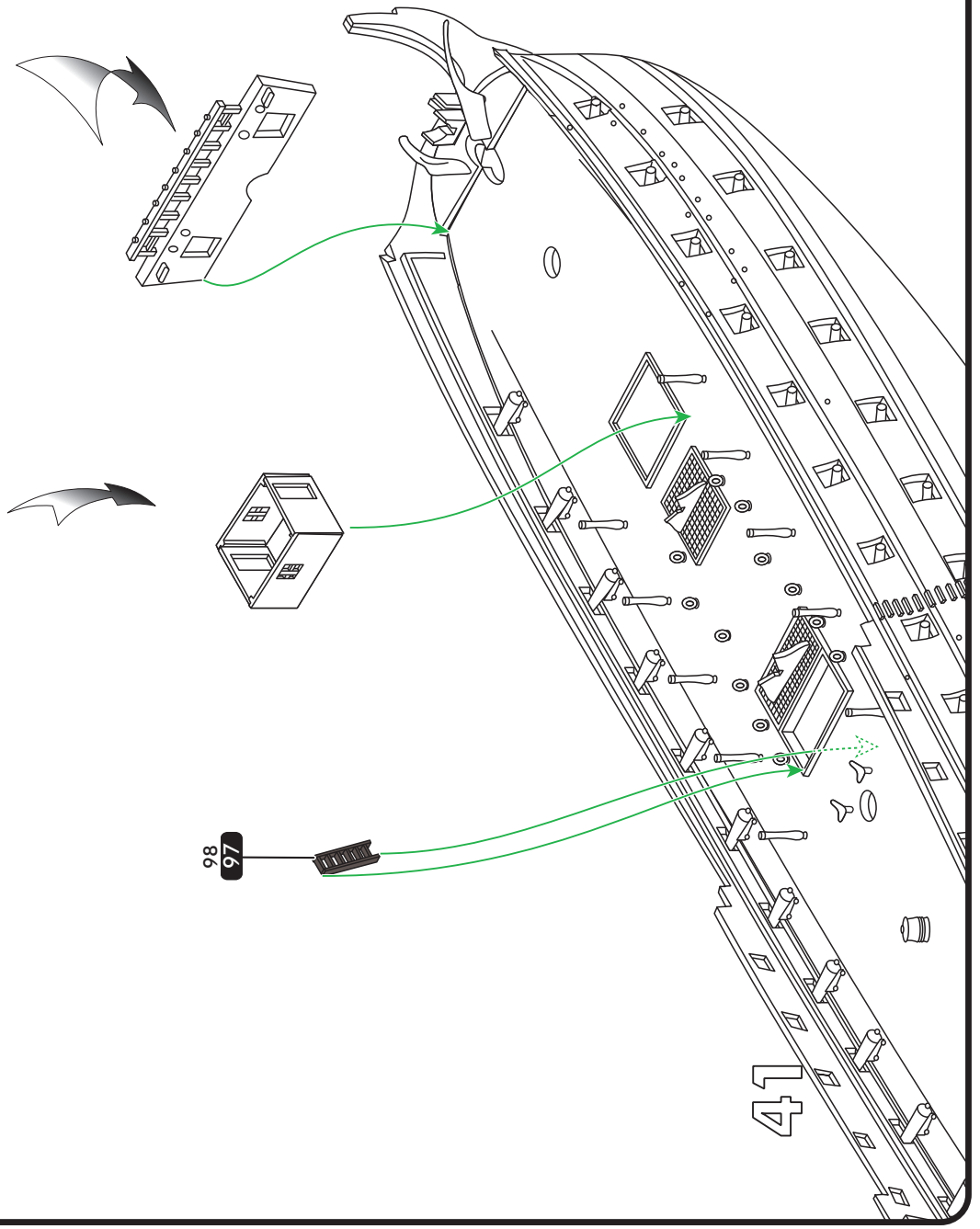
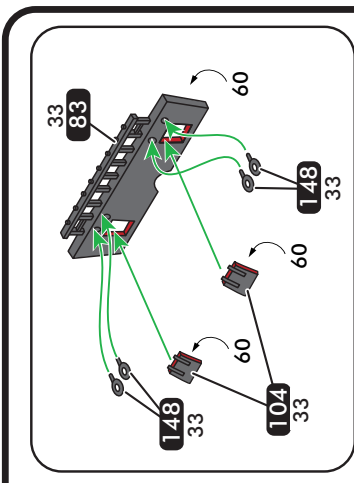
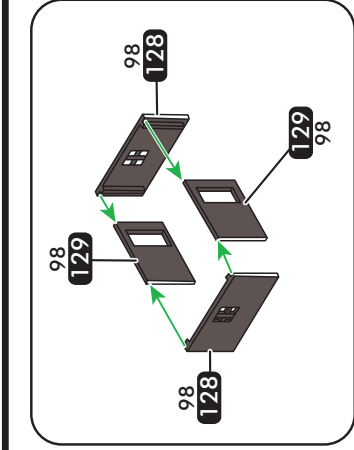
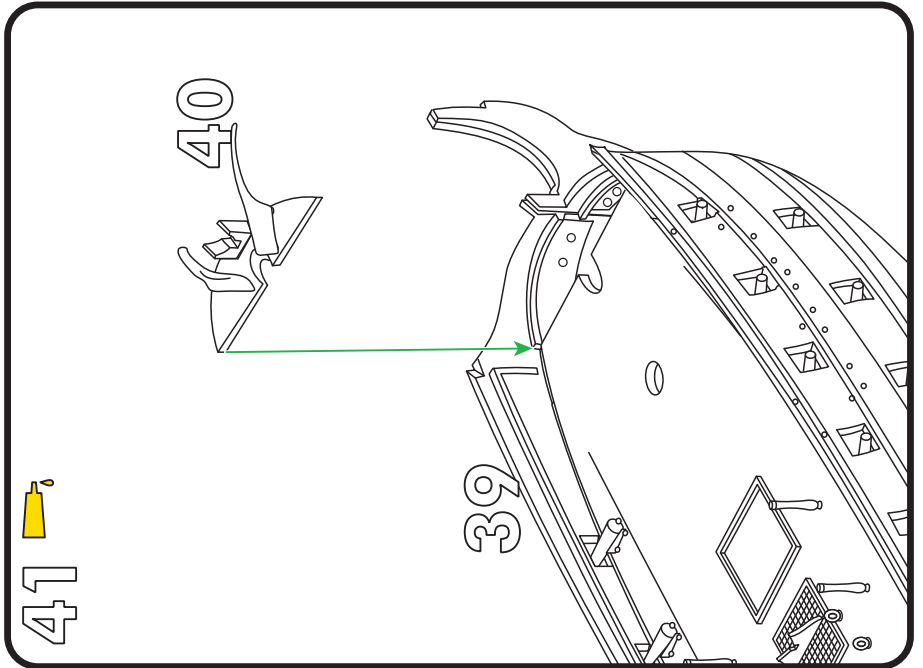
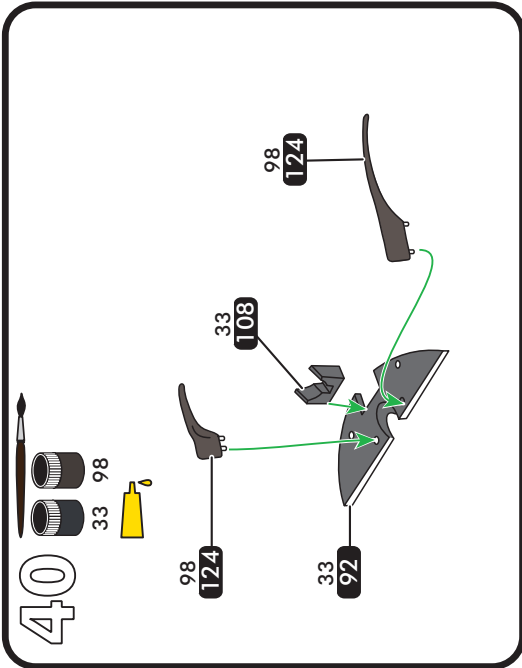


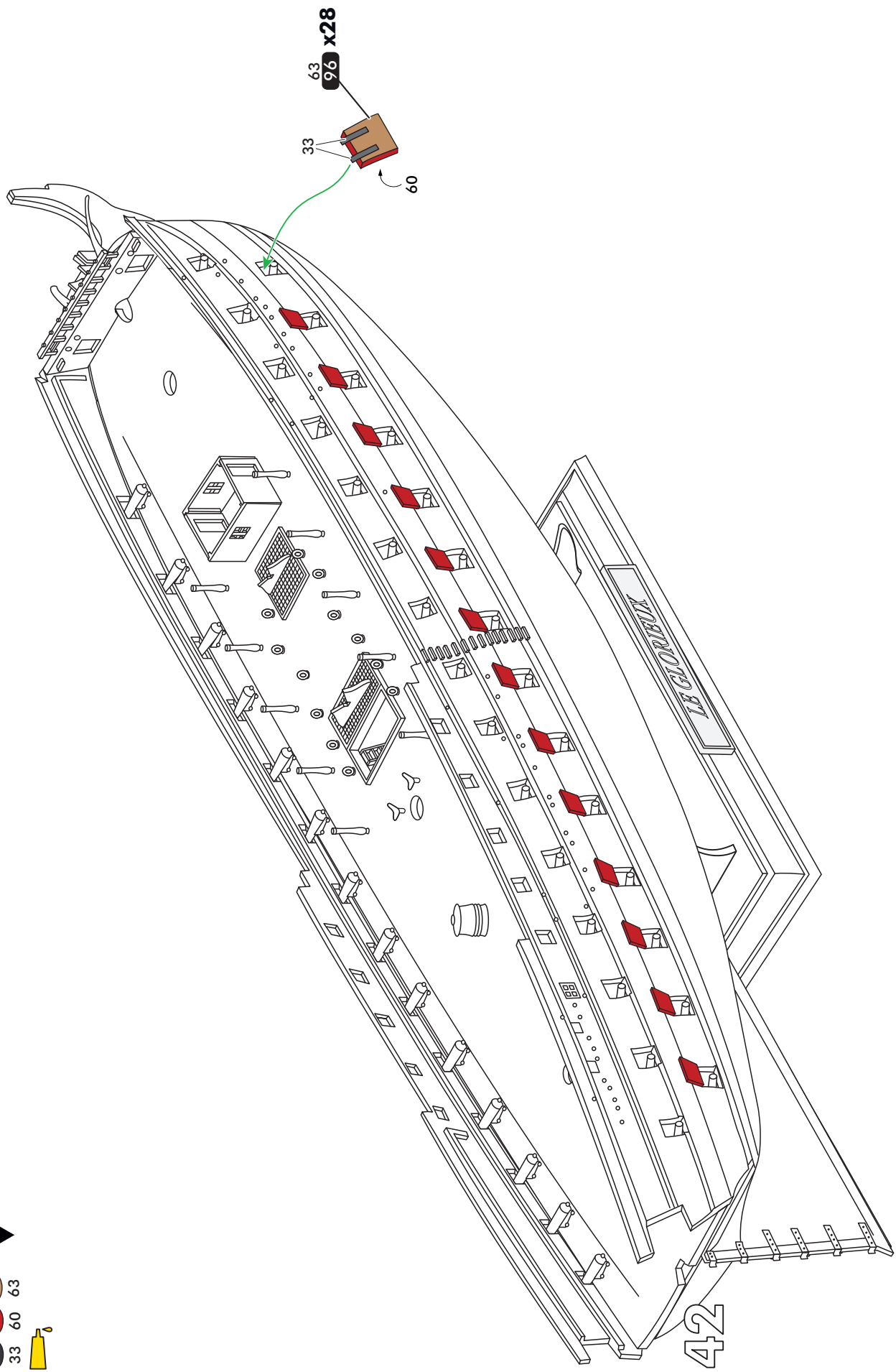
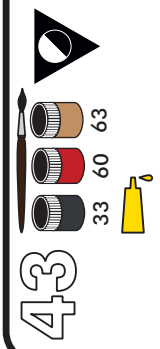
35





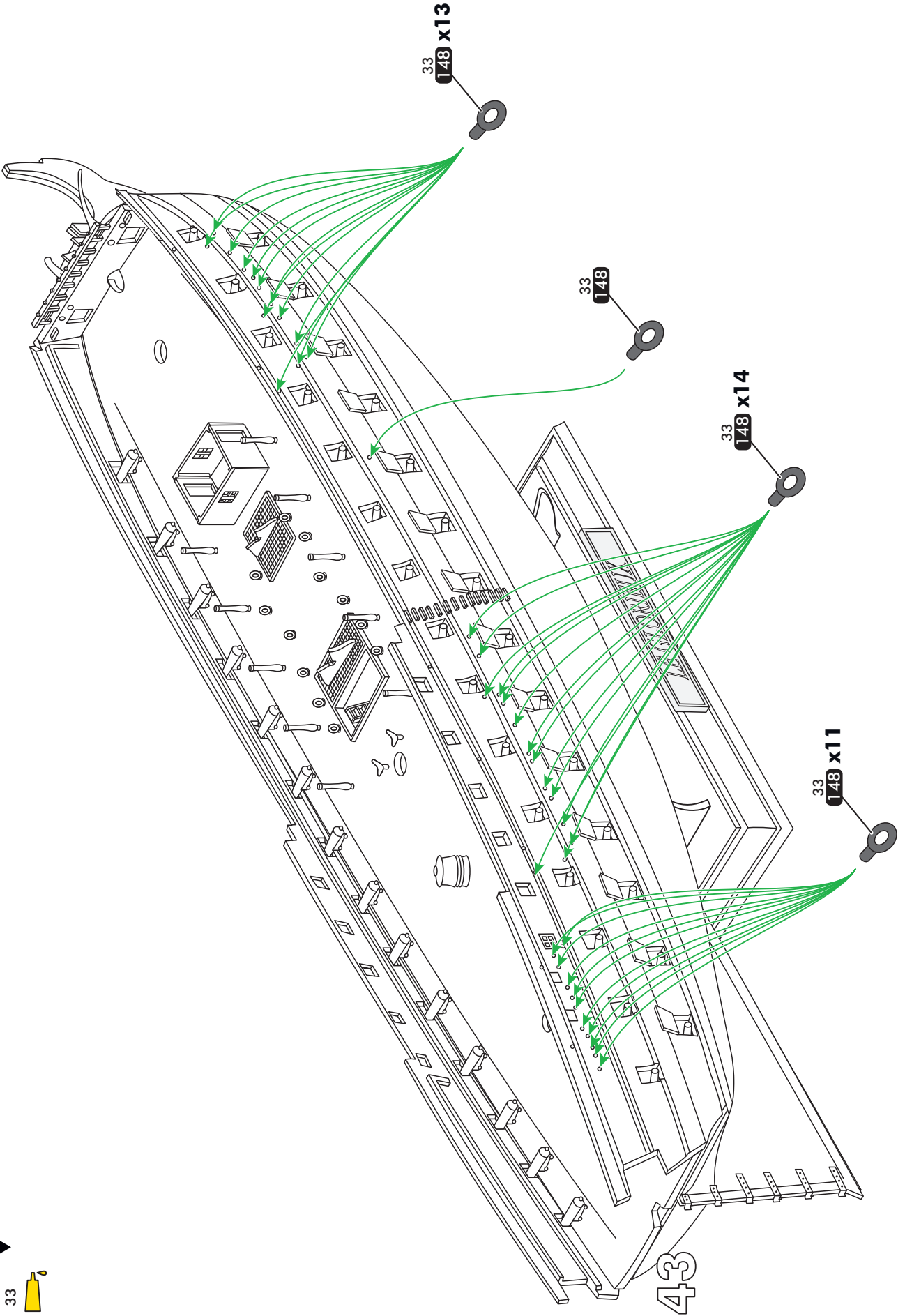




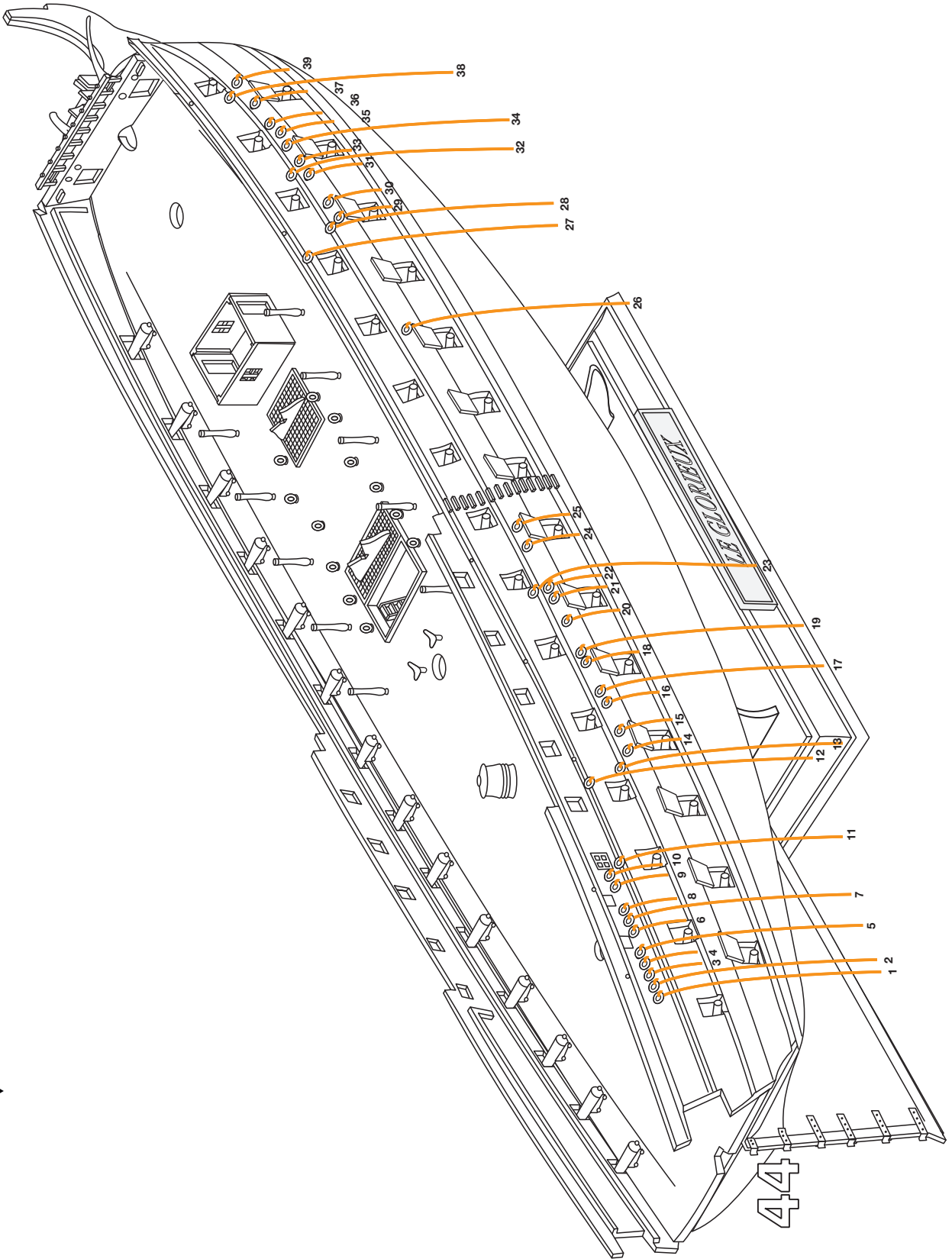


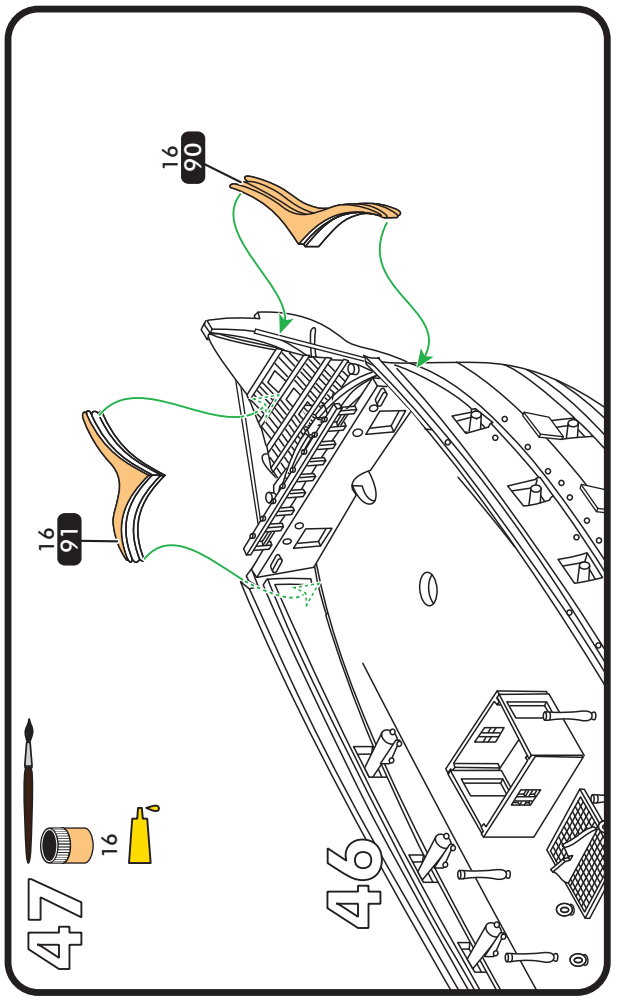
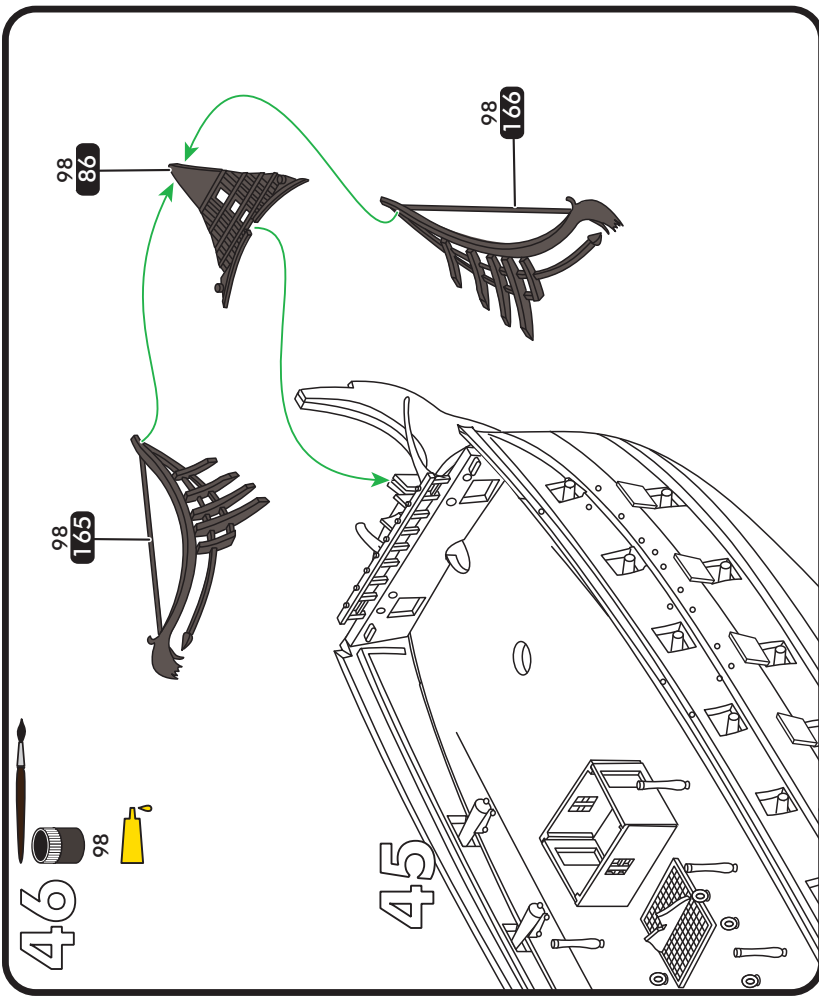
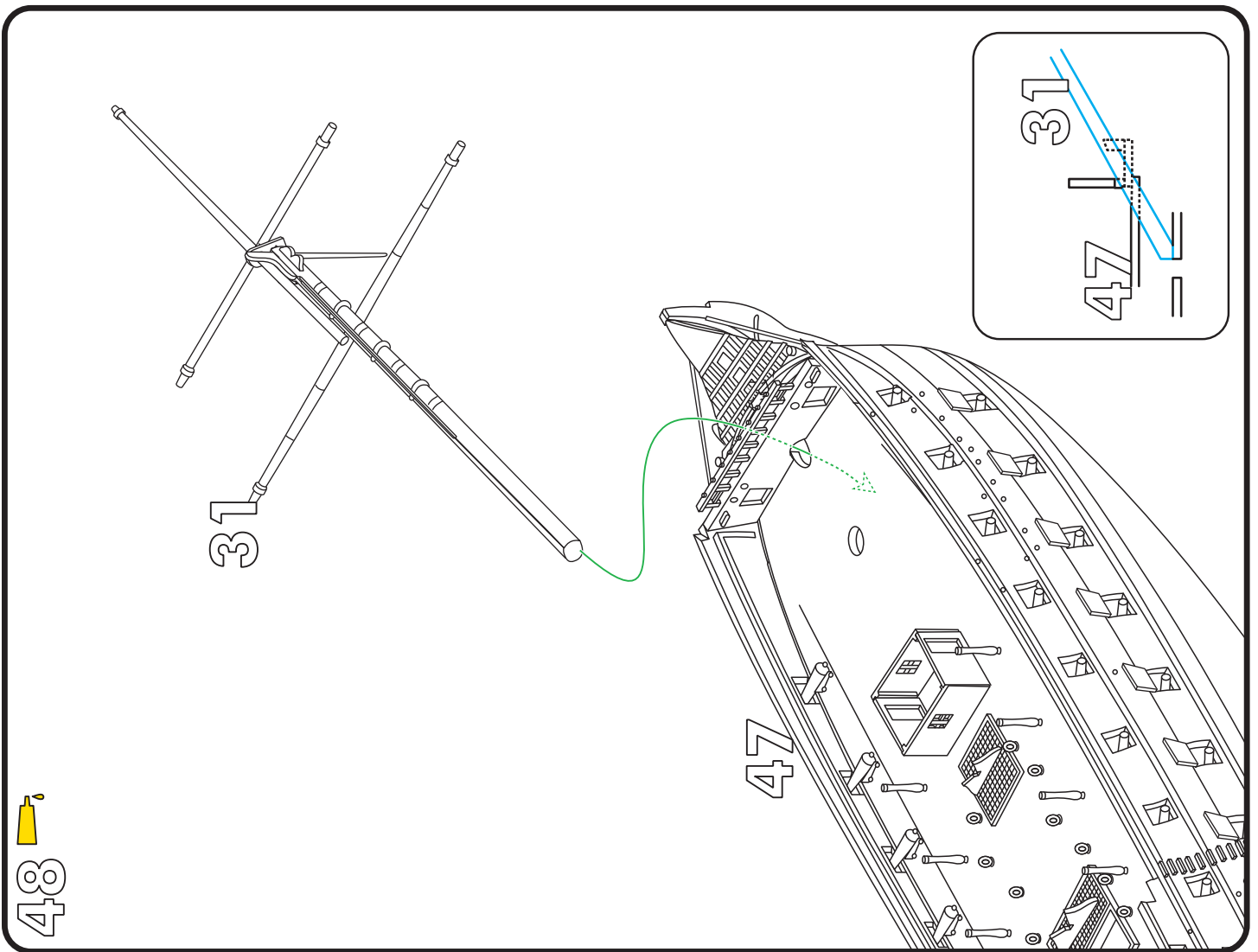


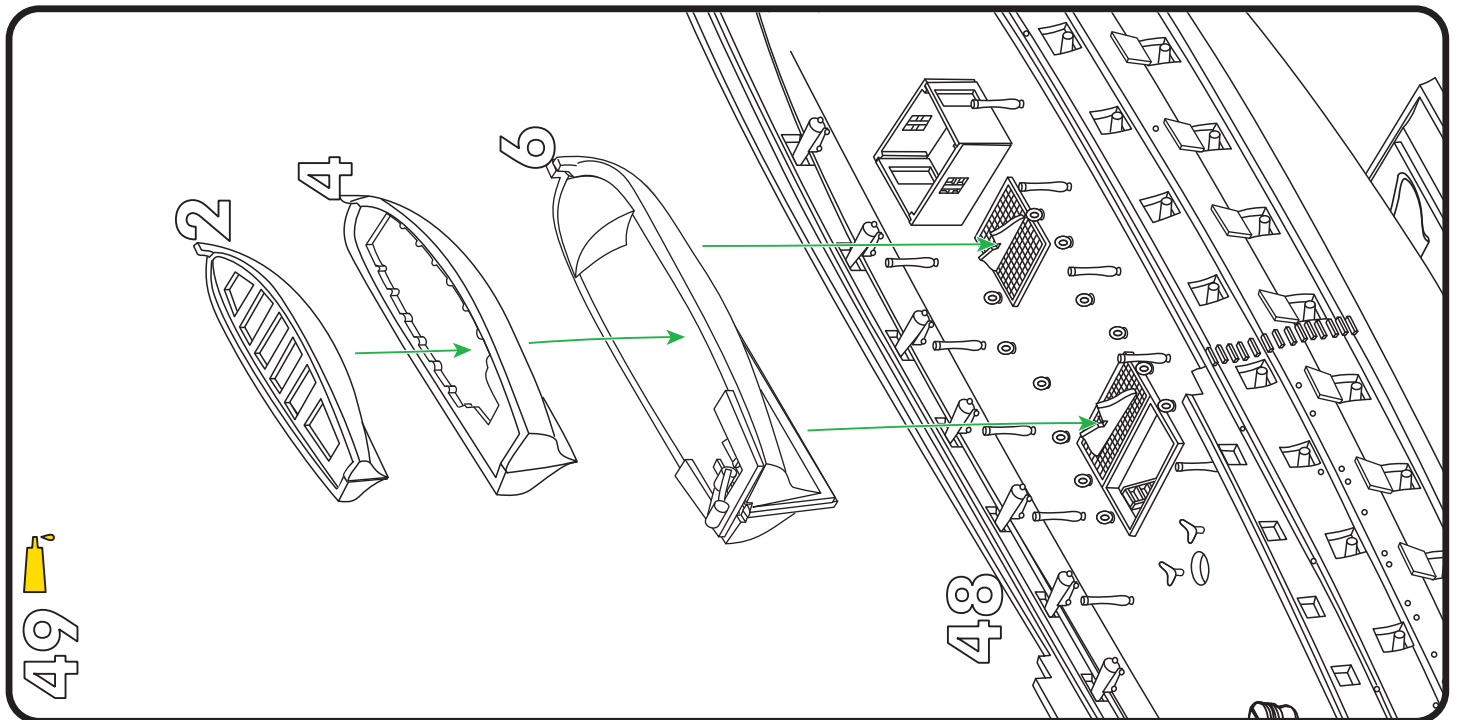
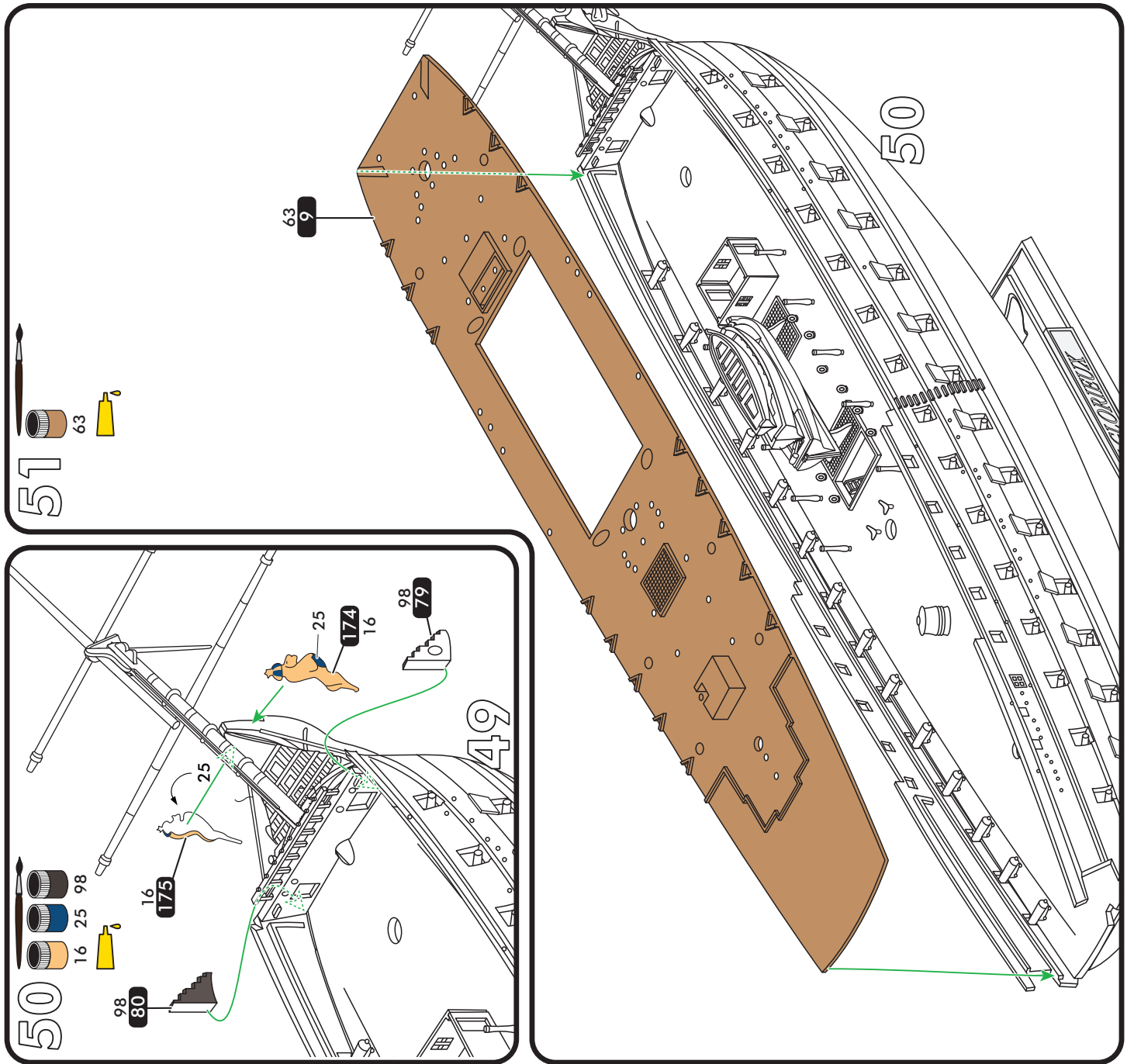
33

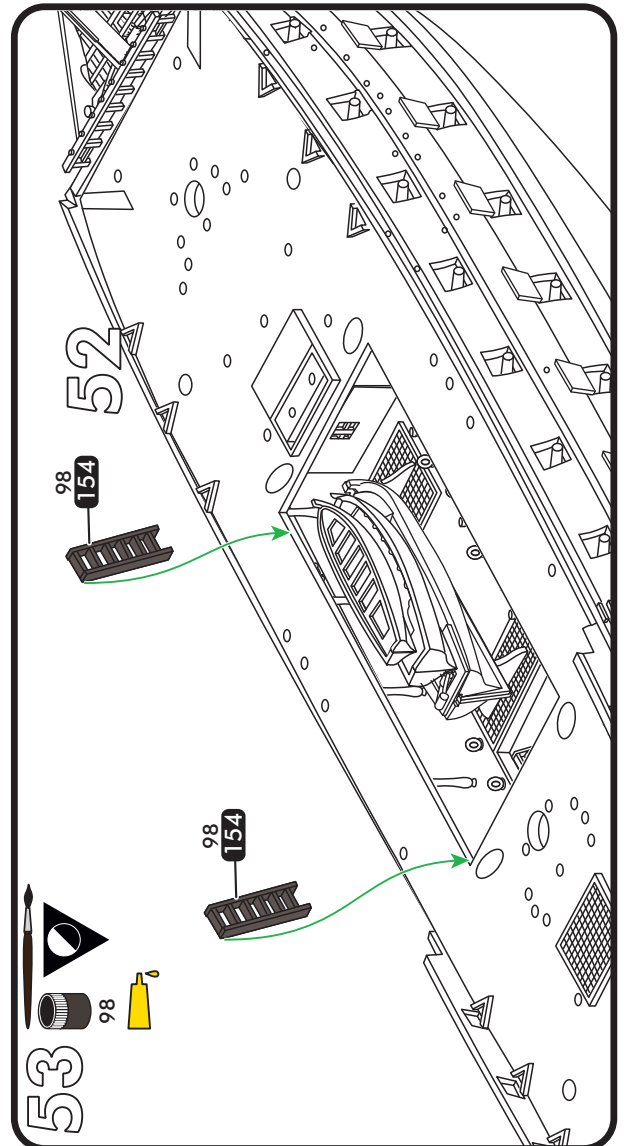
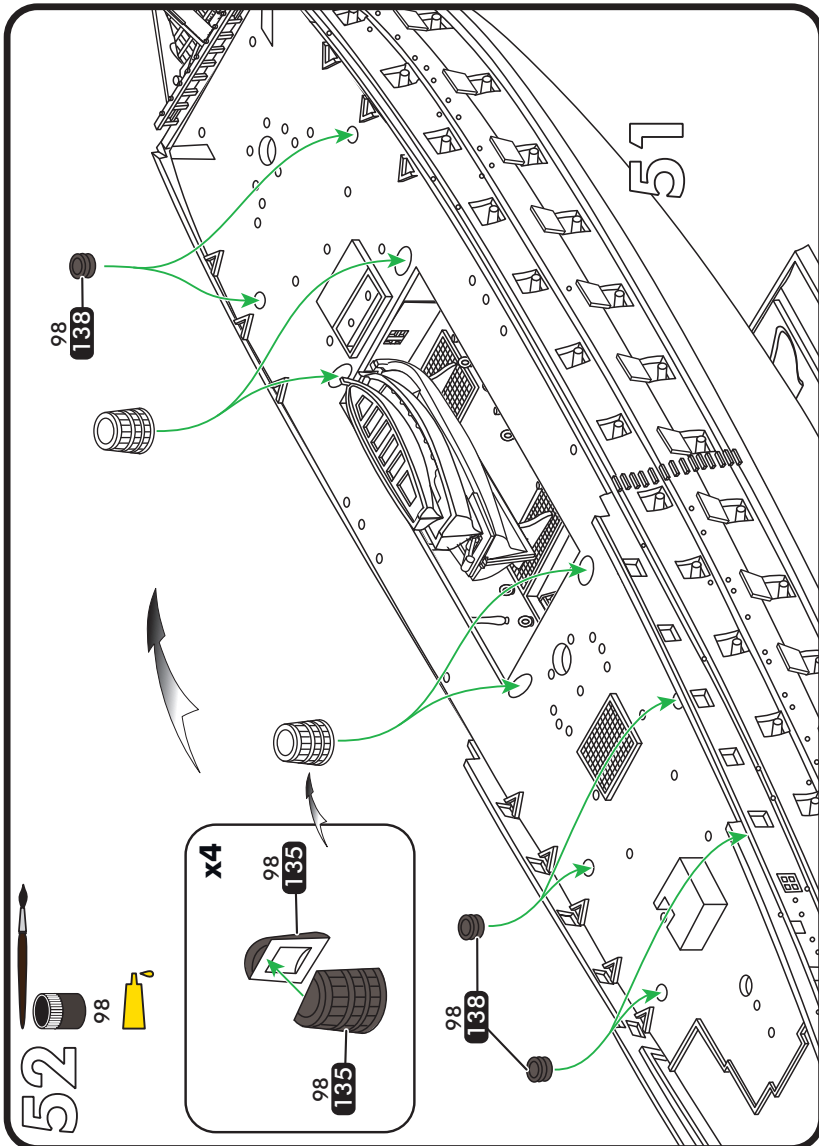
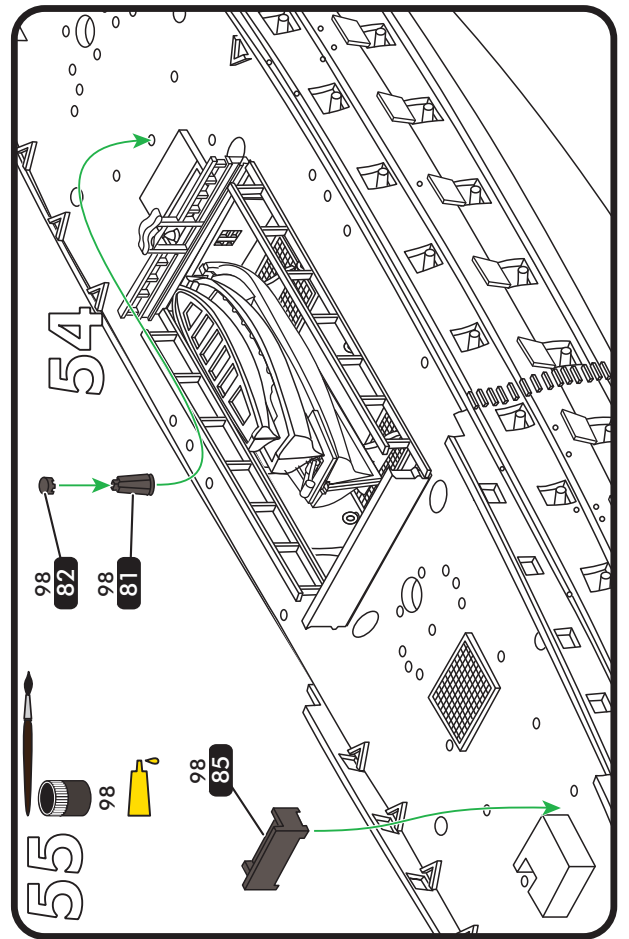
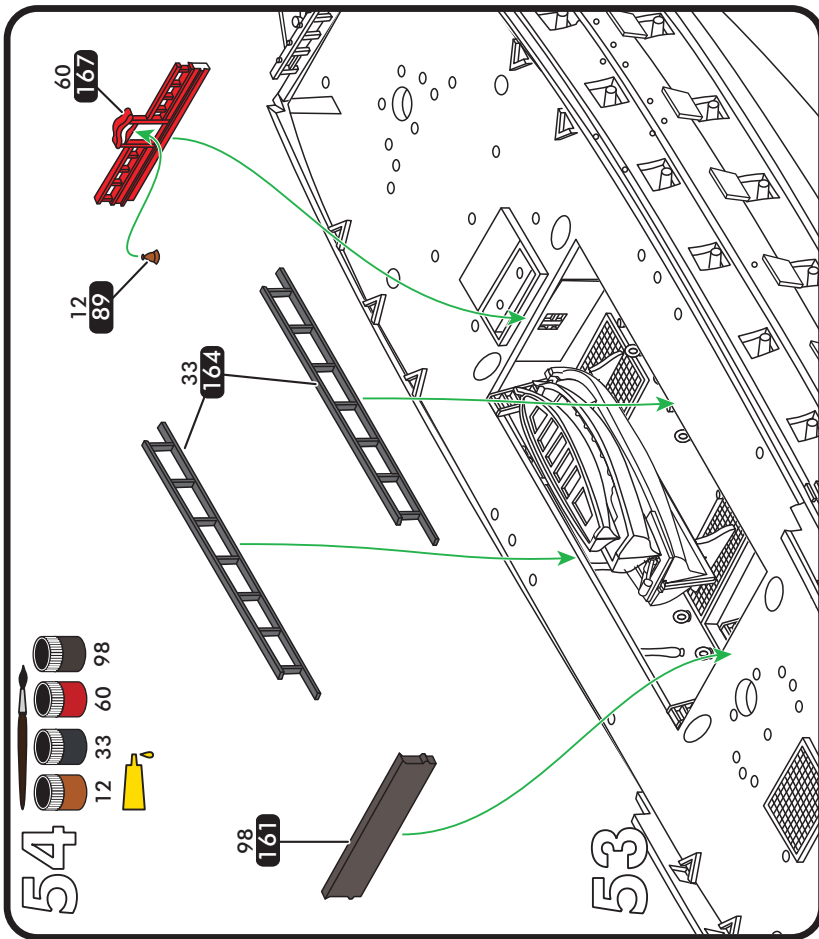


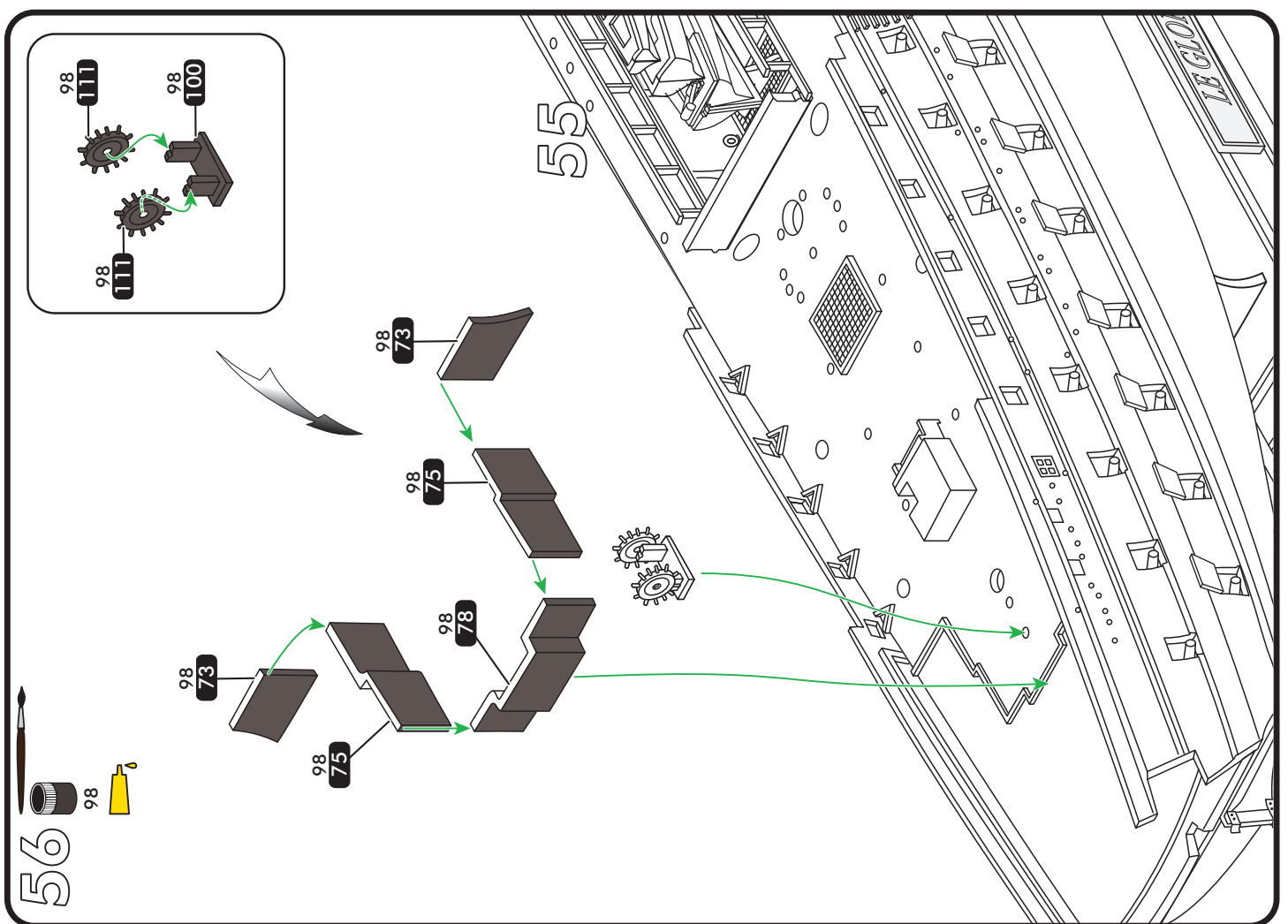
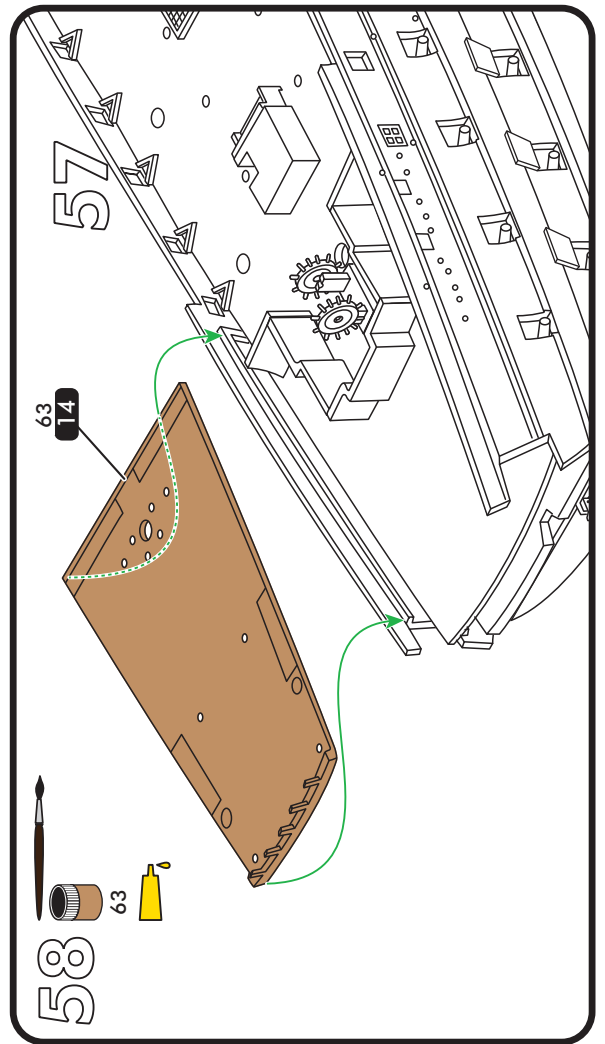
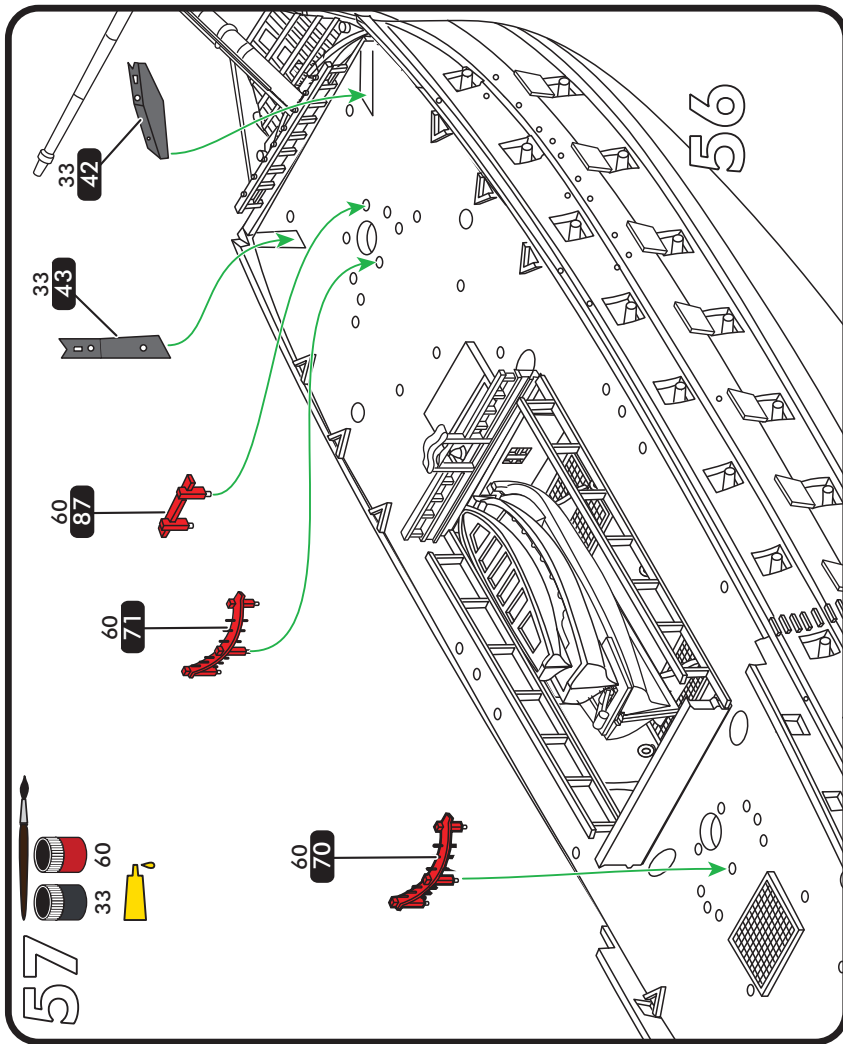
N°	Ø mm	l mm
1	0,3 mm	300 mm
2	0,3 mm	300 mm
3	0,3 mm	120 mm
4	0,3 mm	120 mm
5	0,3 mm	250 mm
6	0,3 mm	120 mm
7	0,3 mm	350 mm
8	0,3 mm	120 mm
9	0,3 mm	120 mm
10	0,3 mm	120 mm
11	0,3 mm	220 mm
12	0,6 mm	380 mm
13	0,3 mm	380 mm
14	0,3 mm	120 mm
15	0,3 mm	120 mm
16	0,3 mm	120 mm
17	0,3 mm	380 mm
18	0,3 mm	120 mm
19	0,3 mm	420 mm
20	0,3 mm	120 mm
21	0,3 mm	120 mm
22	0,3 mm	120 mm
23	0,3 mm	380 mm
24	0,3 mm	120 mm
25	0,3 mm	120 mm
26	0,3 mm	220 mm
27	0,6 mm	350 mm
28	0,3 mm	350 mm
29	0,3 mm	120 mm
30	0,3 mm	120 mm
31	0,3 mm	120 mm
32	0,3 mm	400 mm
33	0,3 mm	120 mm
34	0,3 mm	350 mm
35	0,3 mm	120 mm
36	0,3 mm	120 mm
37	0,3 mm	120 mm
38	0,3 mm	200 mm
39	0,3 mm	120 mm

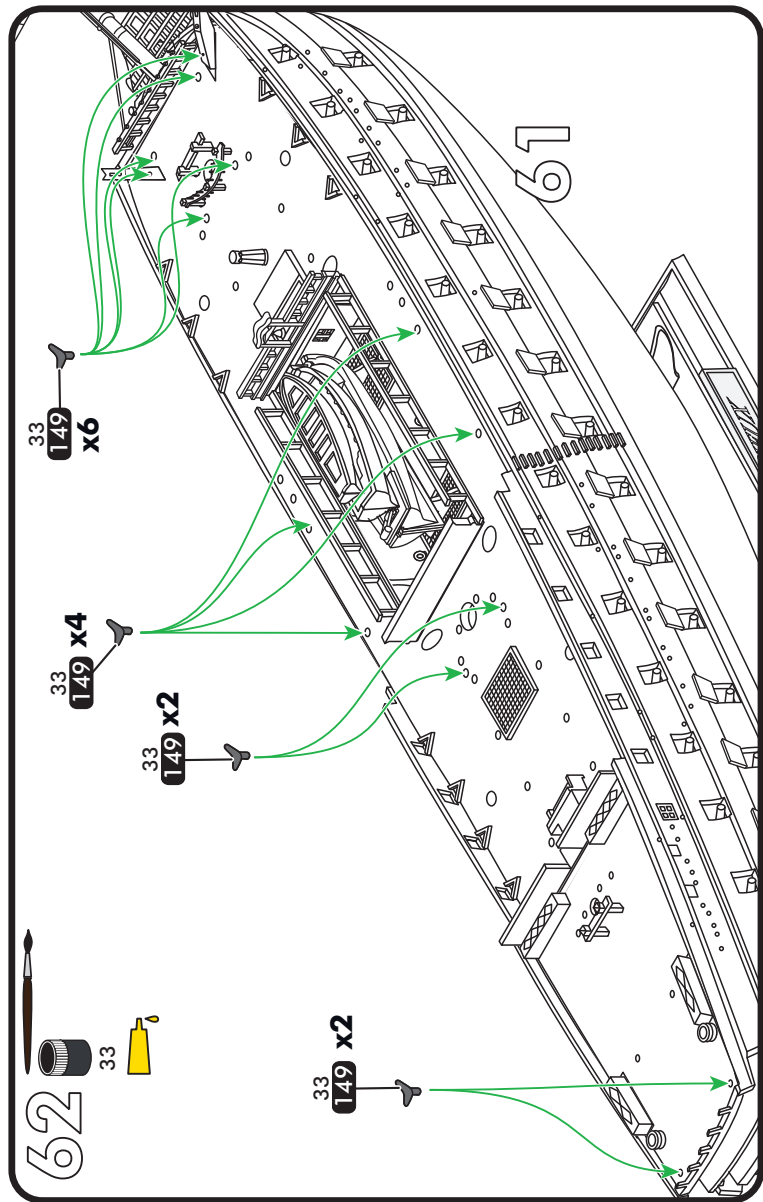
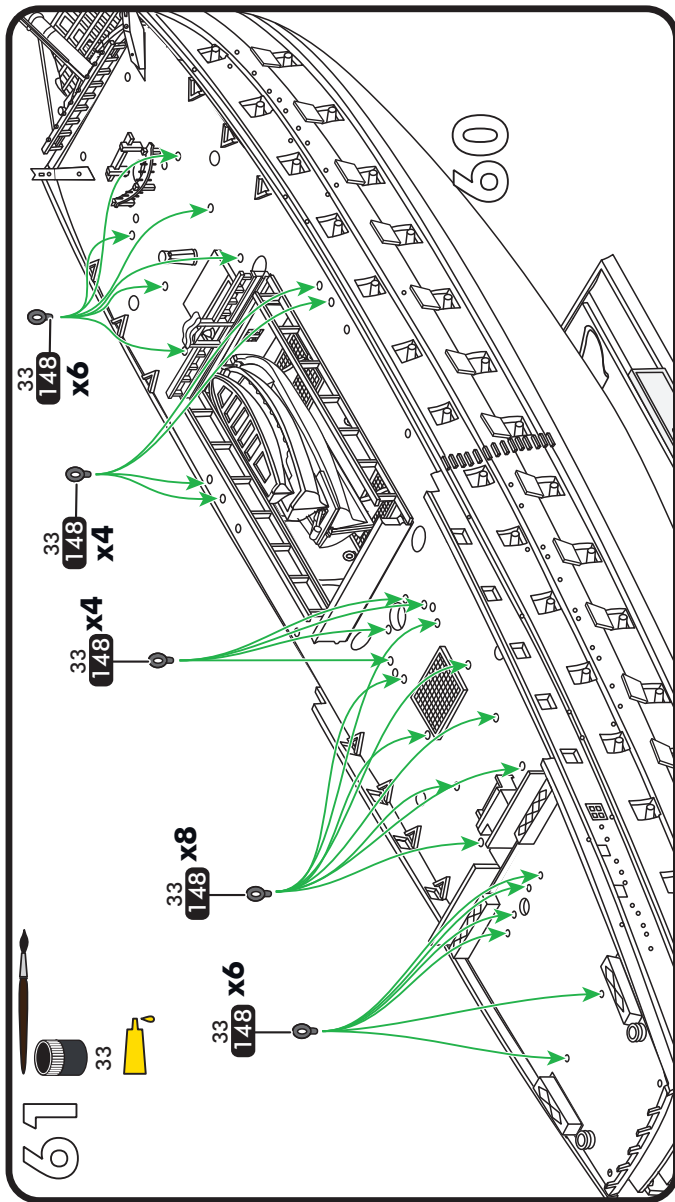
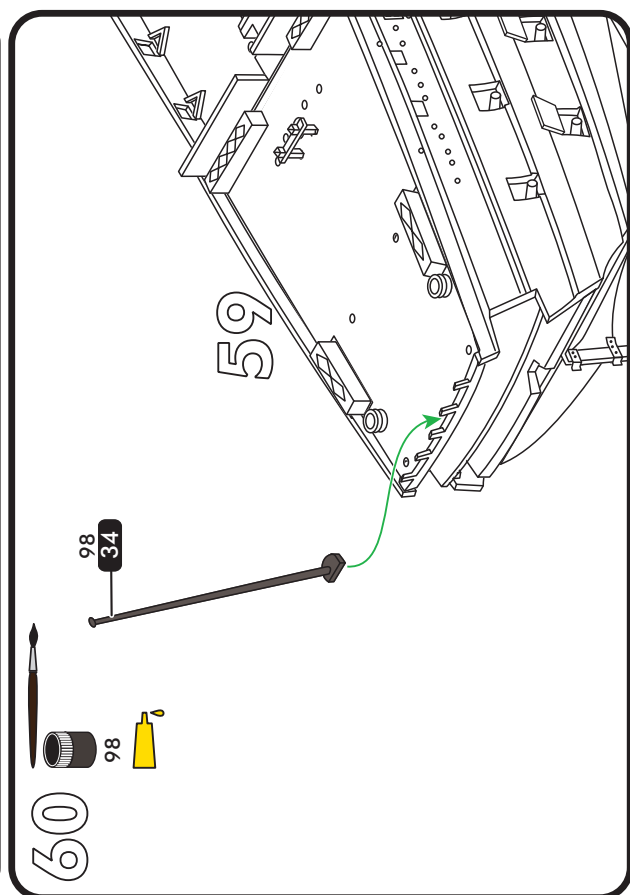
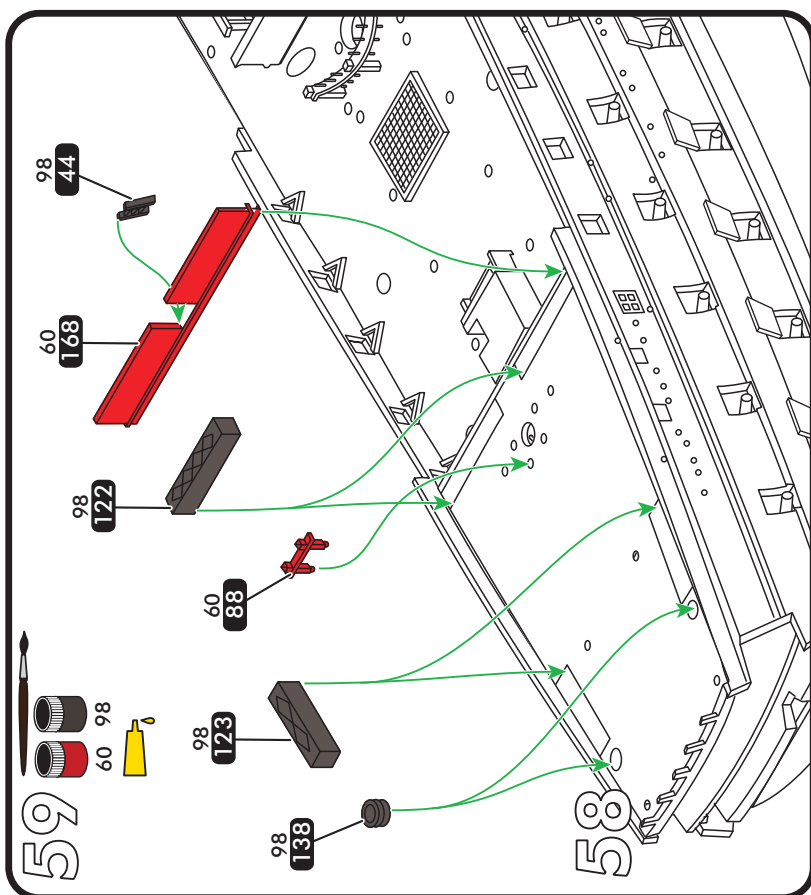


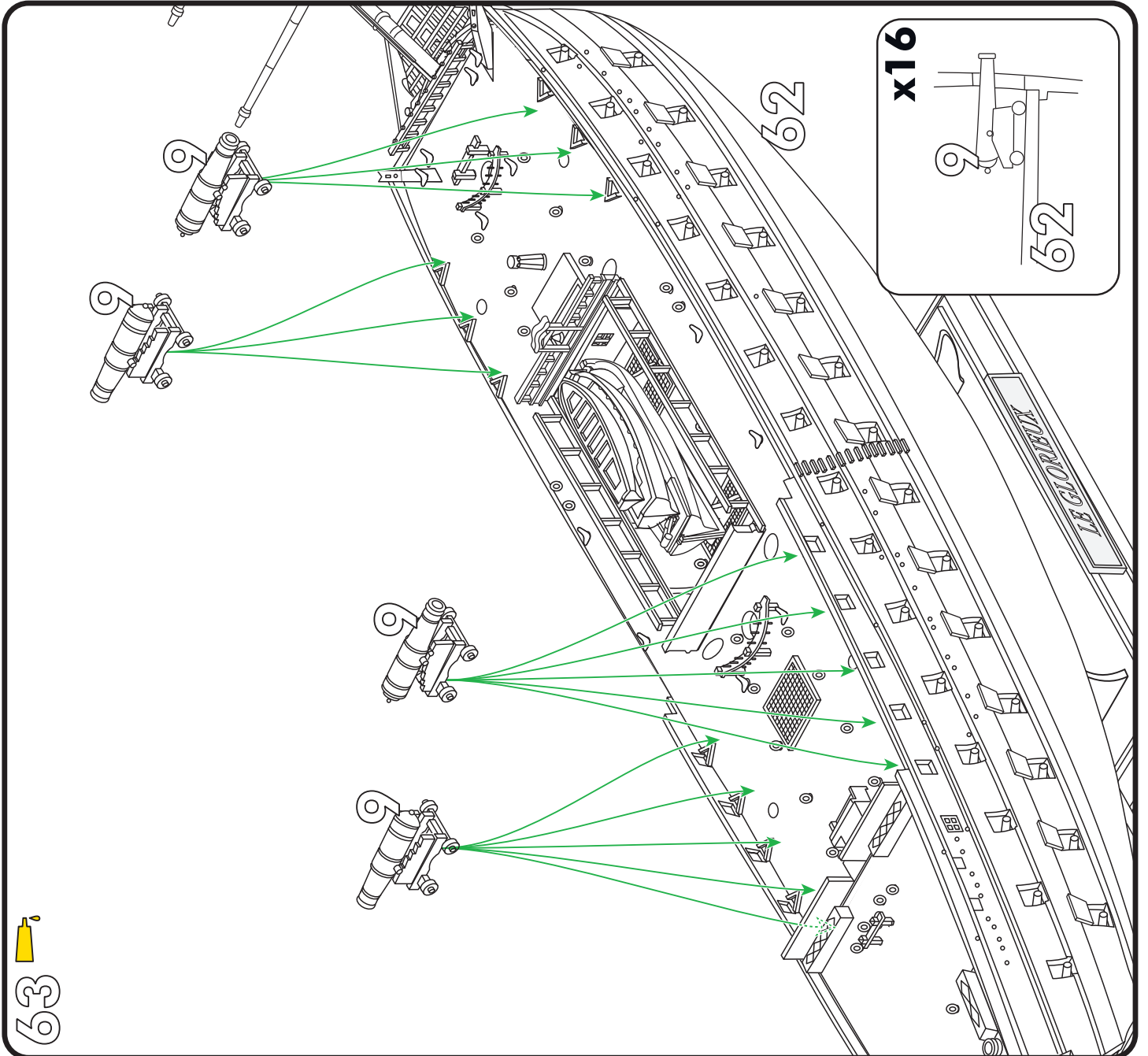
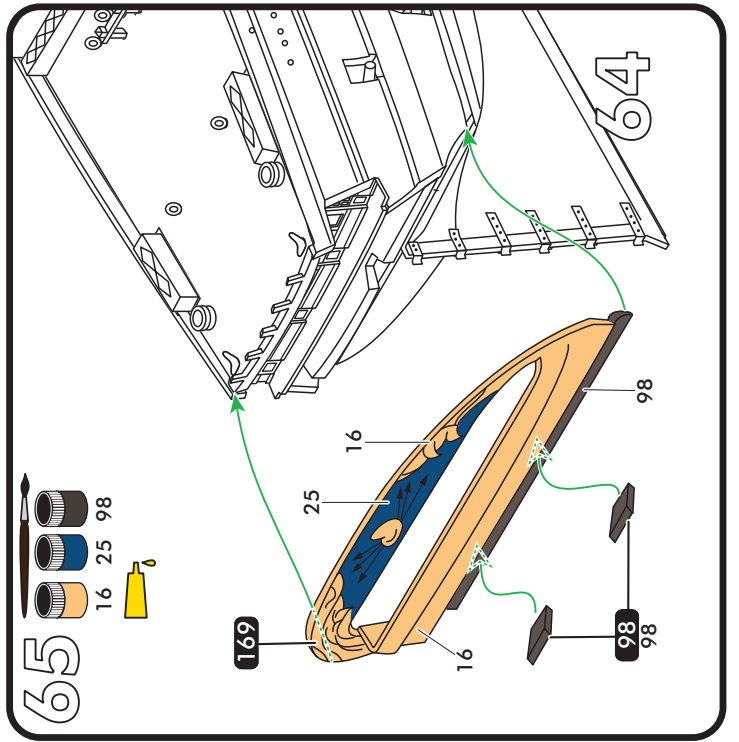
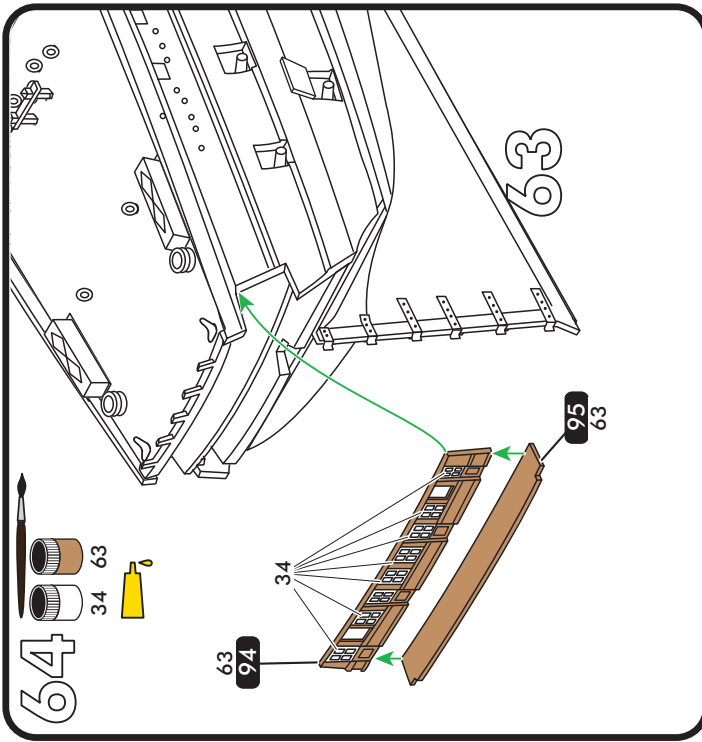


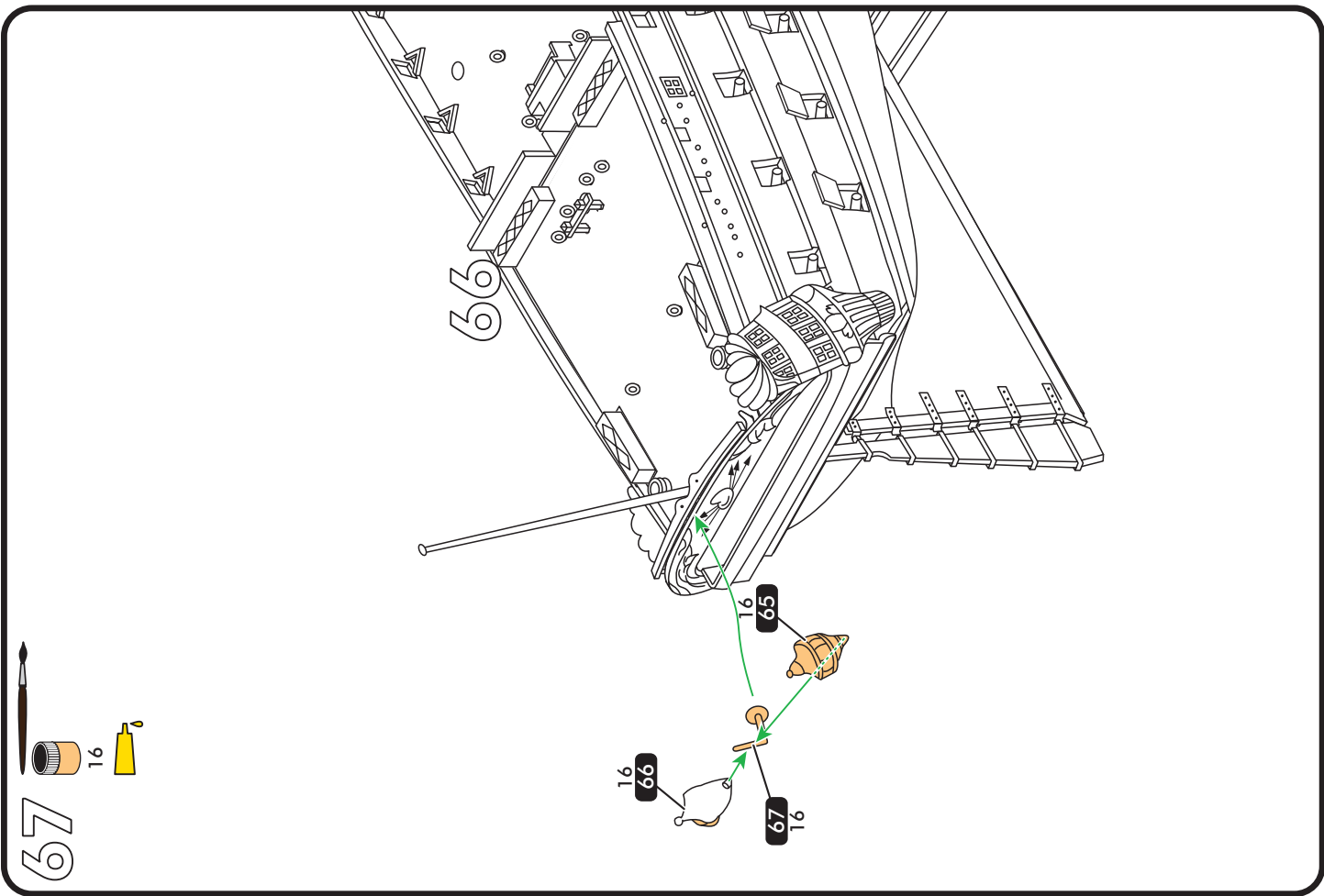
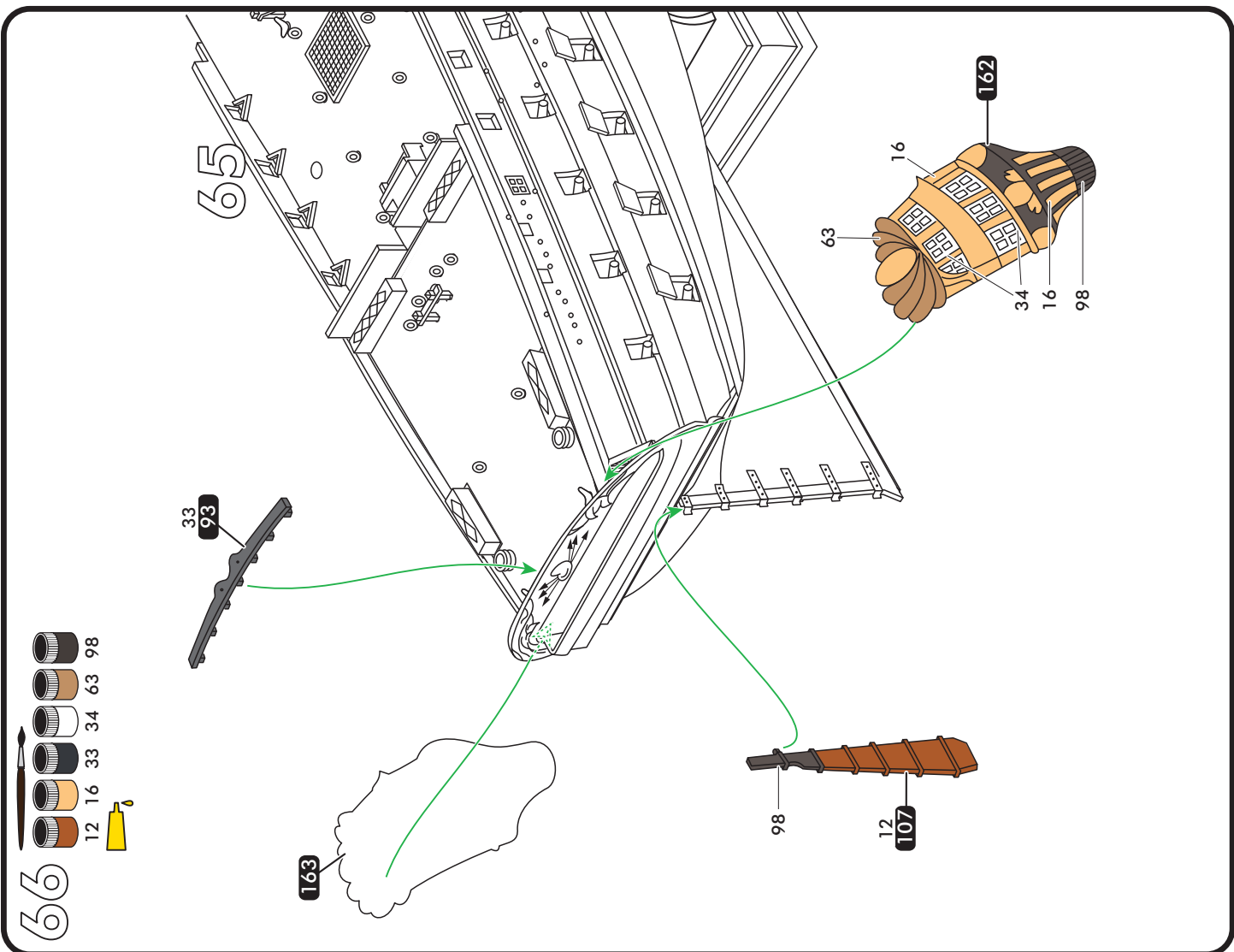


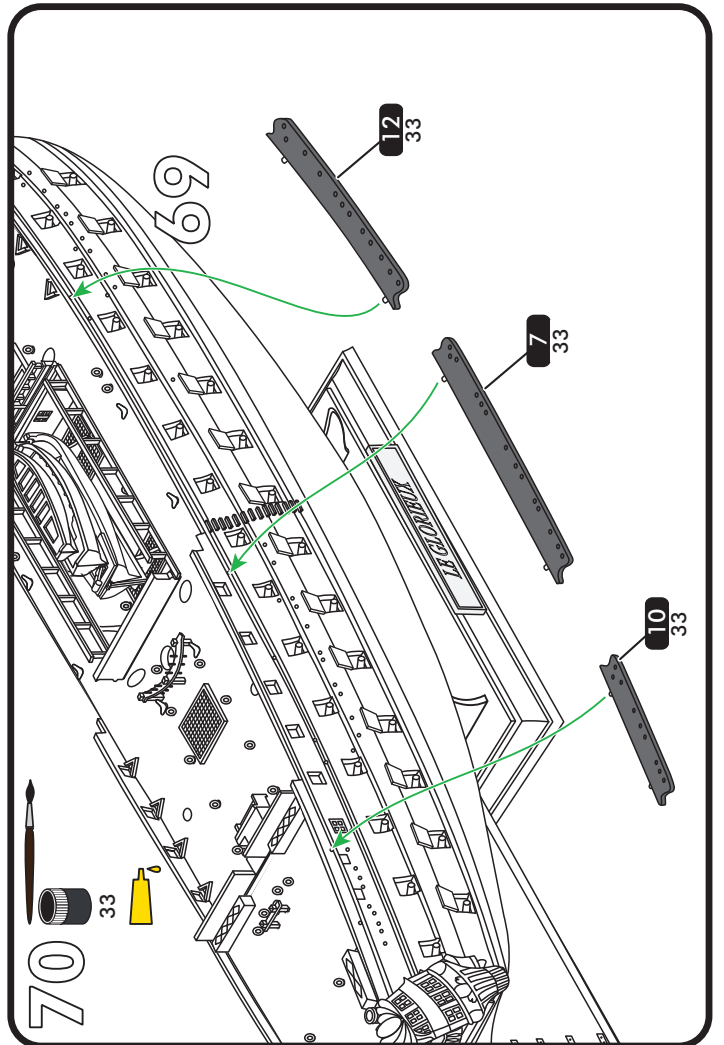
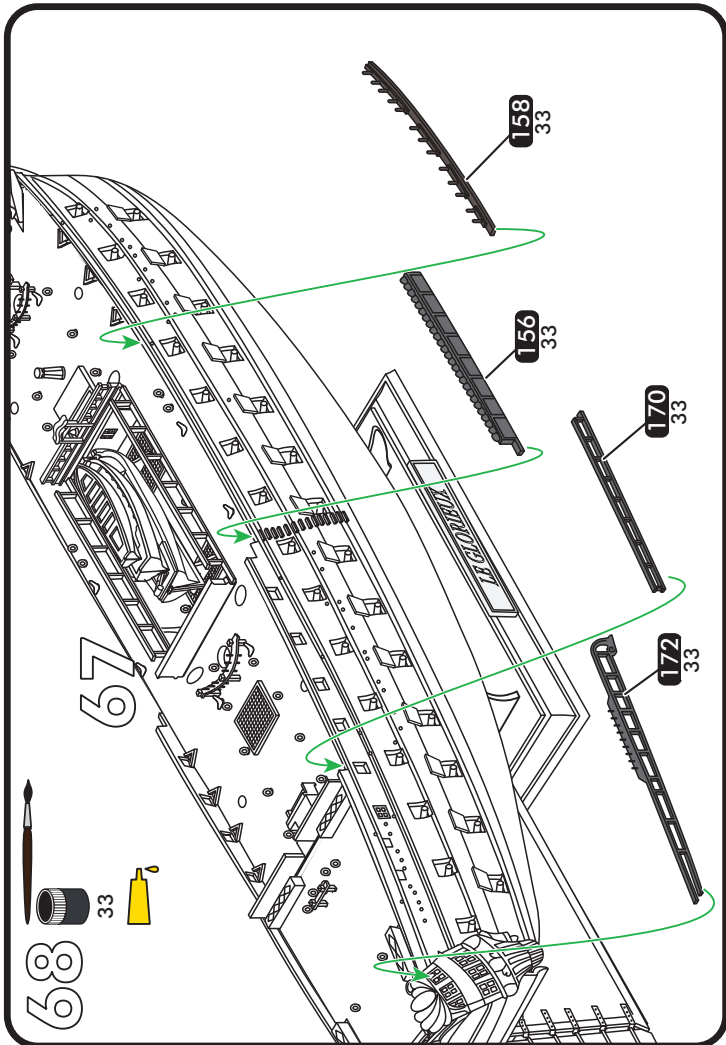
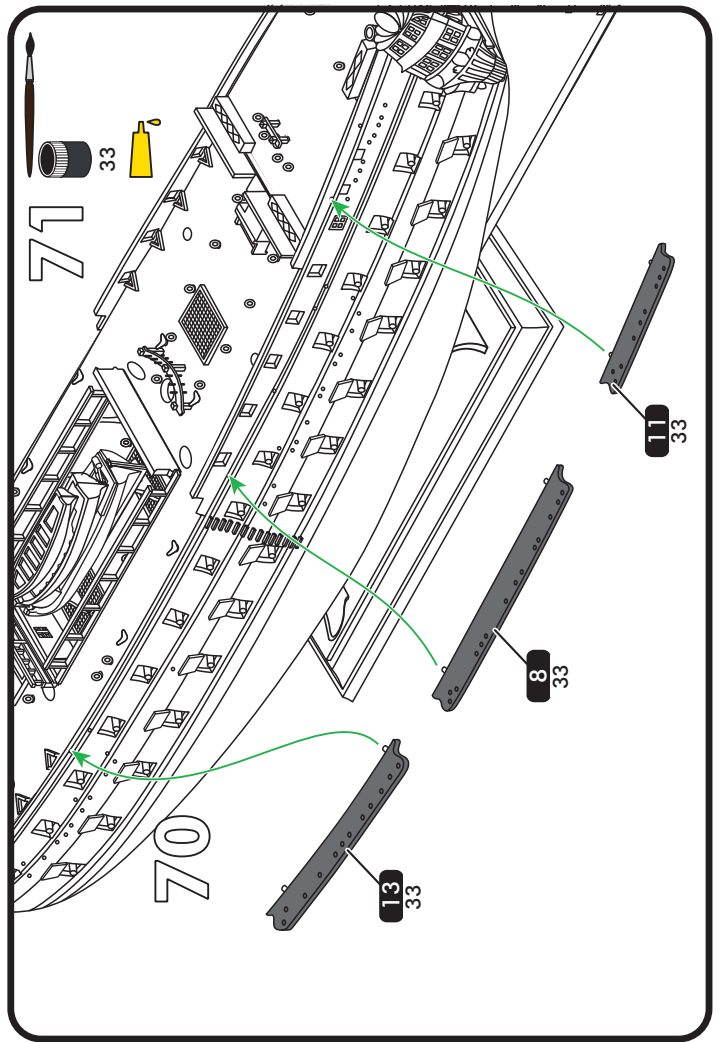
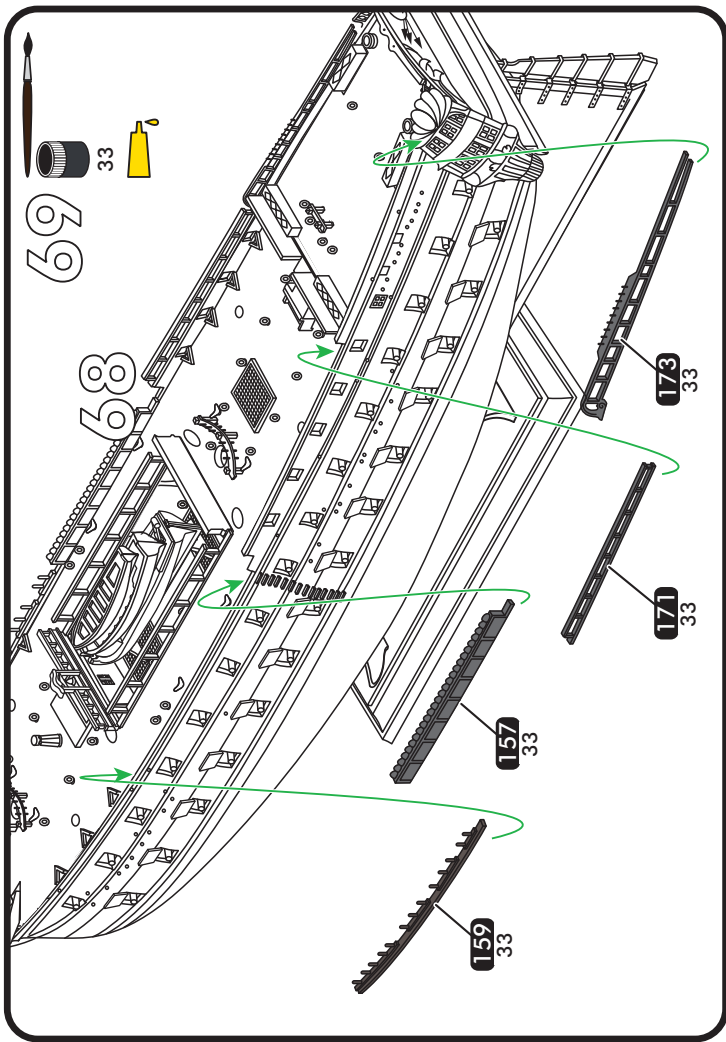


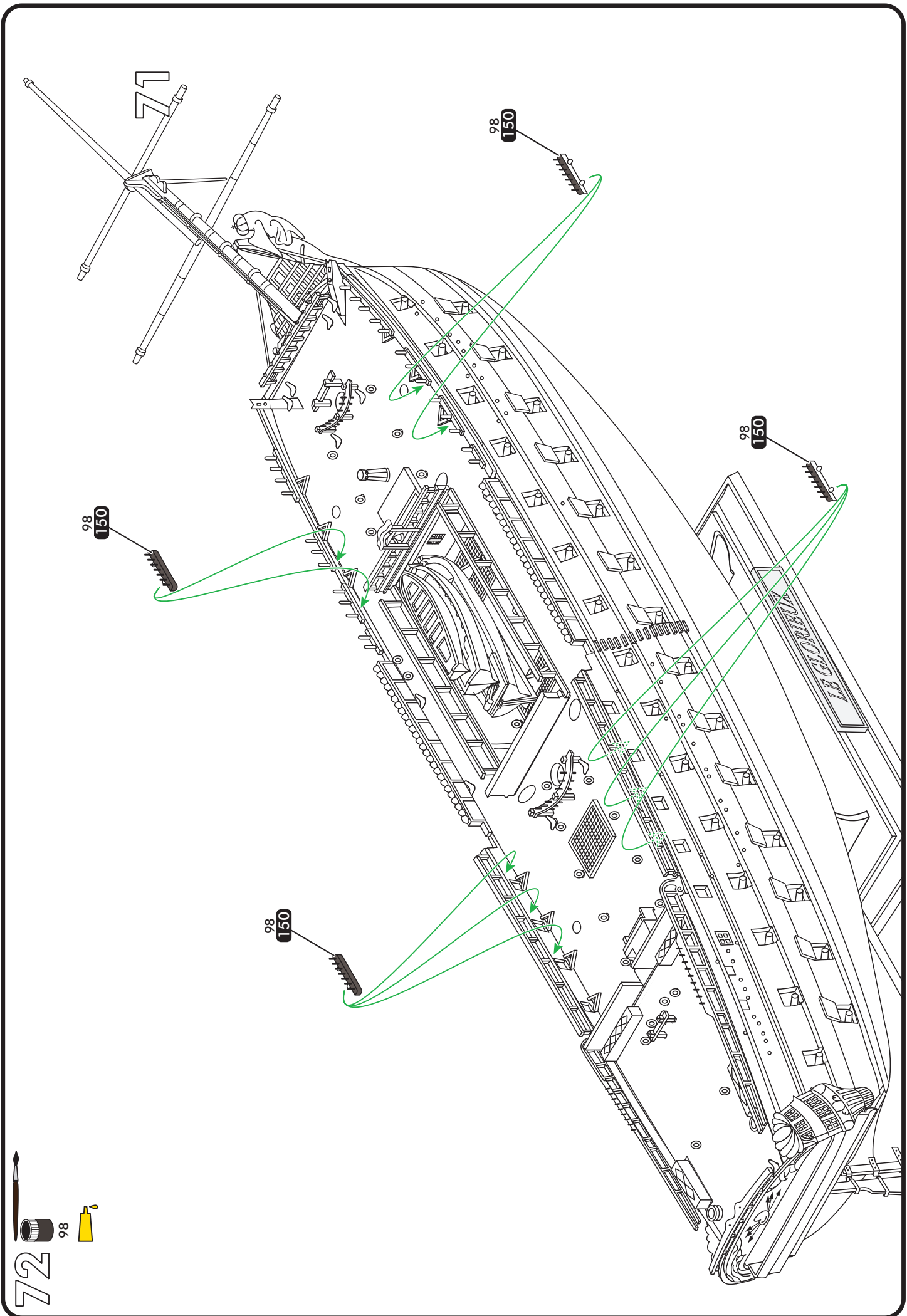










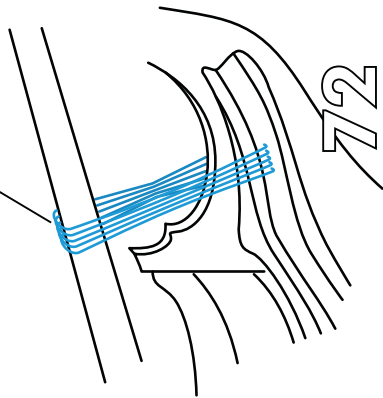


72

73

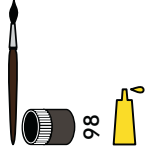
3
Ø 0,6 mm

5 tours
5 turns
5 umdrehungen
5 vueltas



72

75



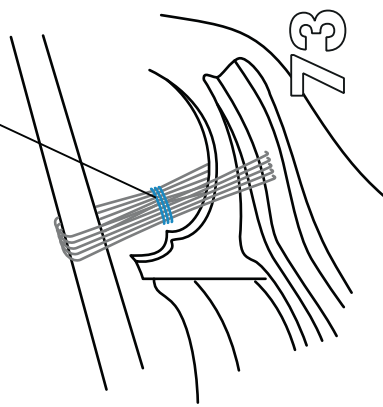
74



74

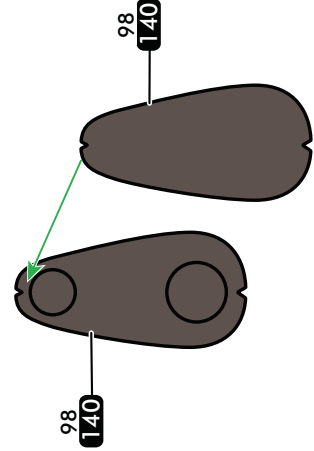
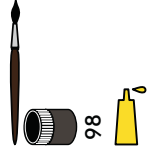
3
Ø 0,6 mm

3 tours
3 turns
3 umdrehungen
3 vueltas

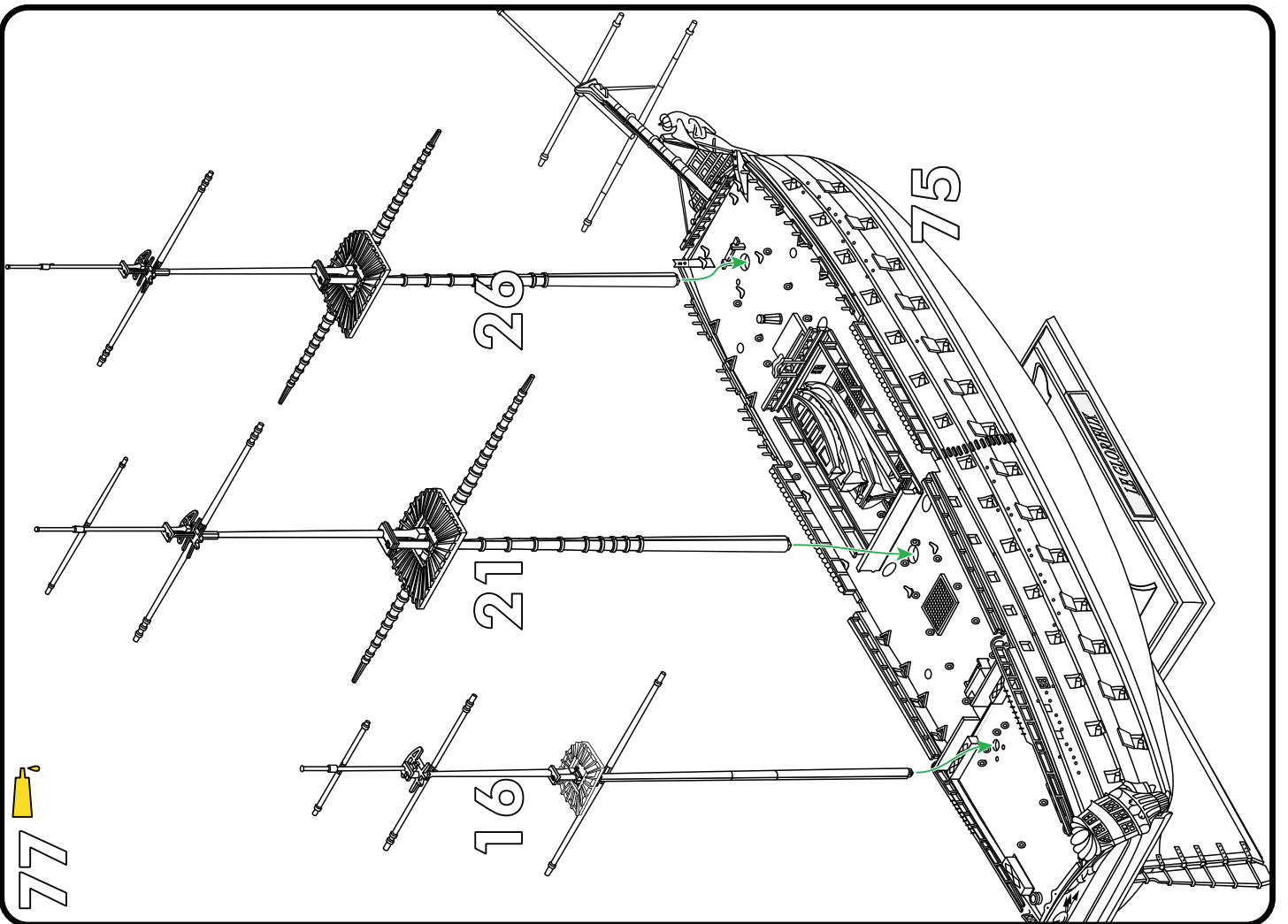
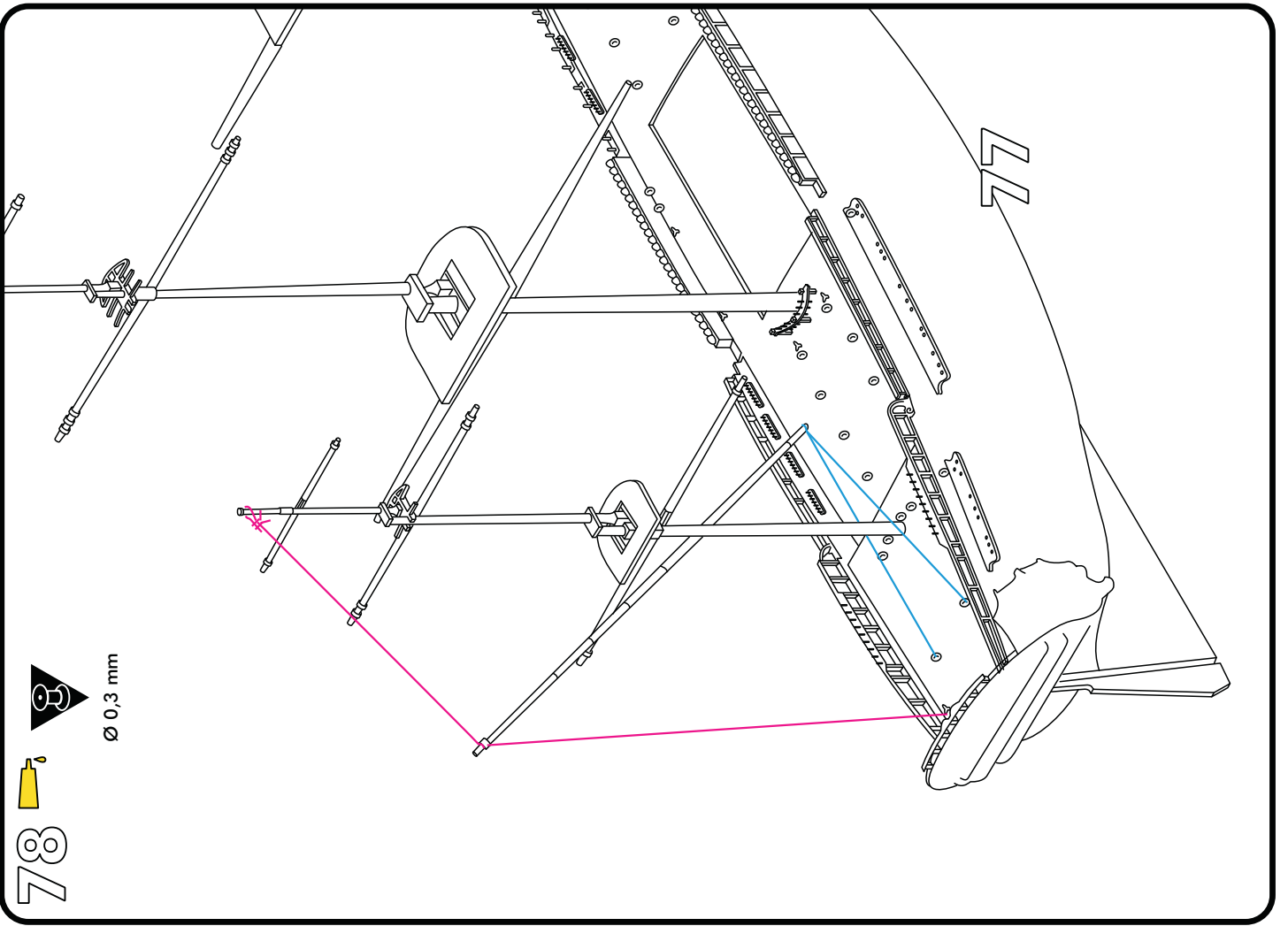


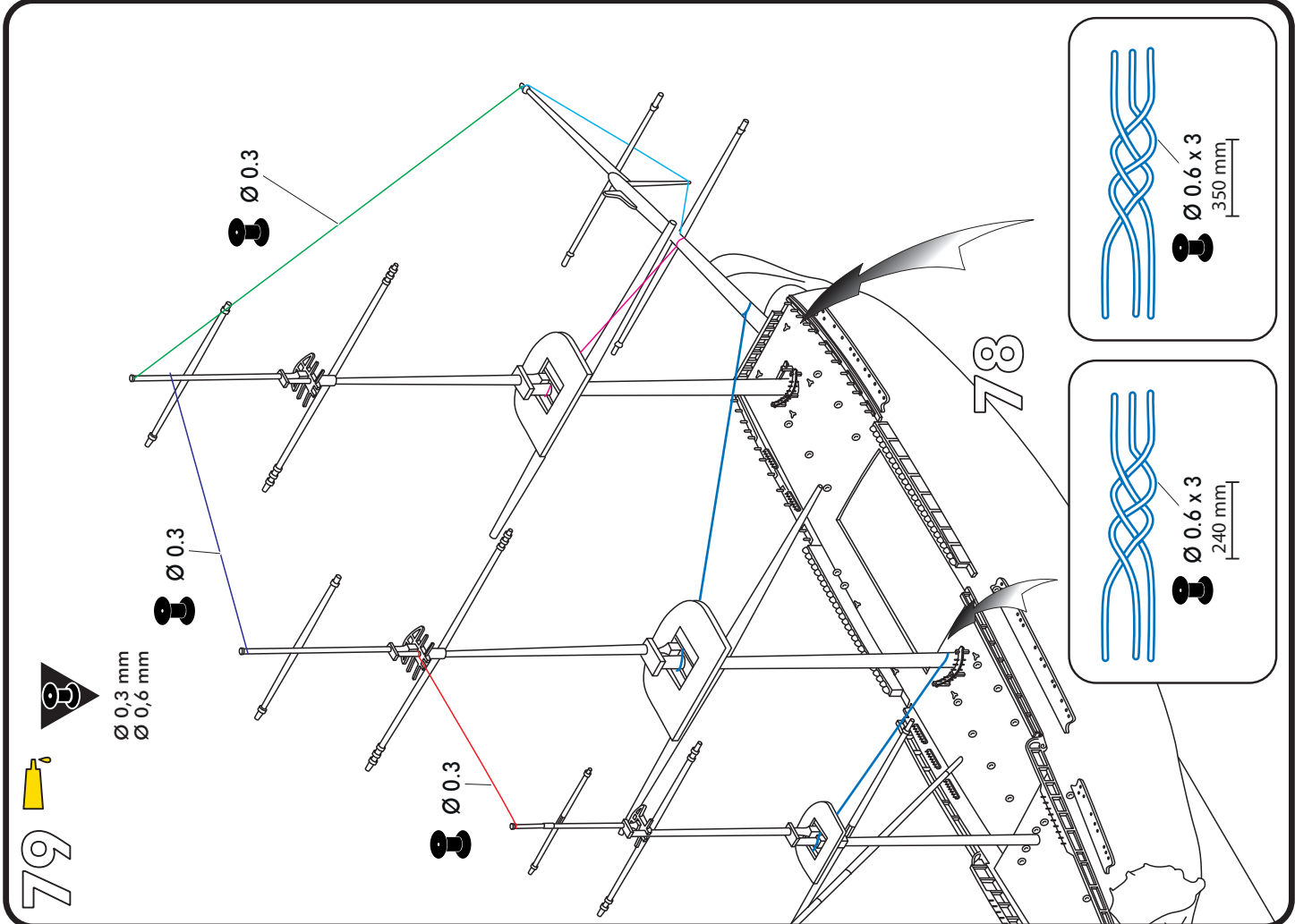
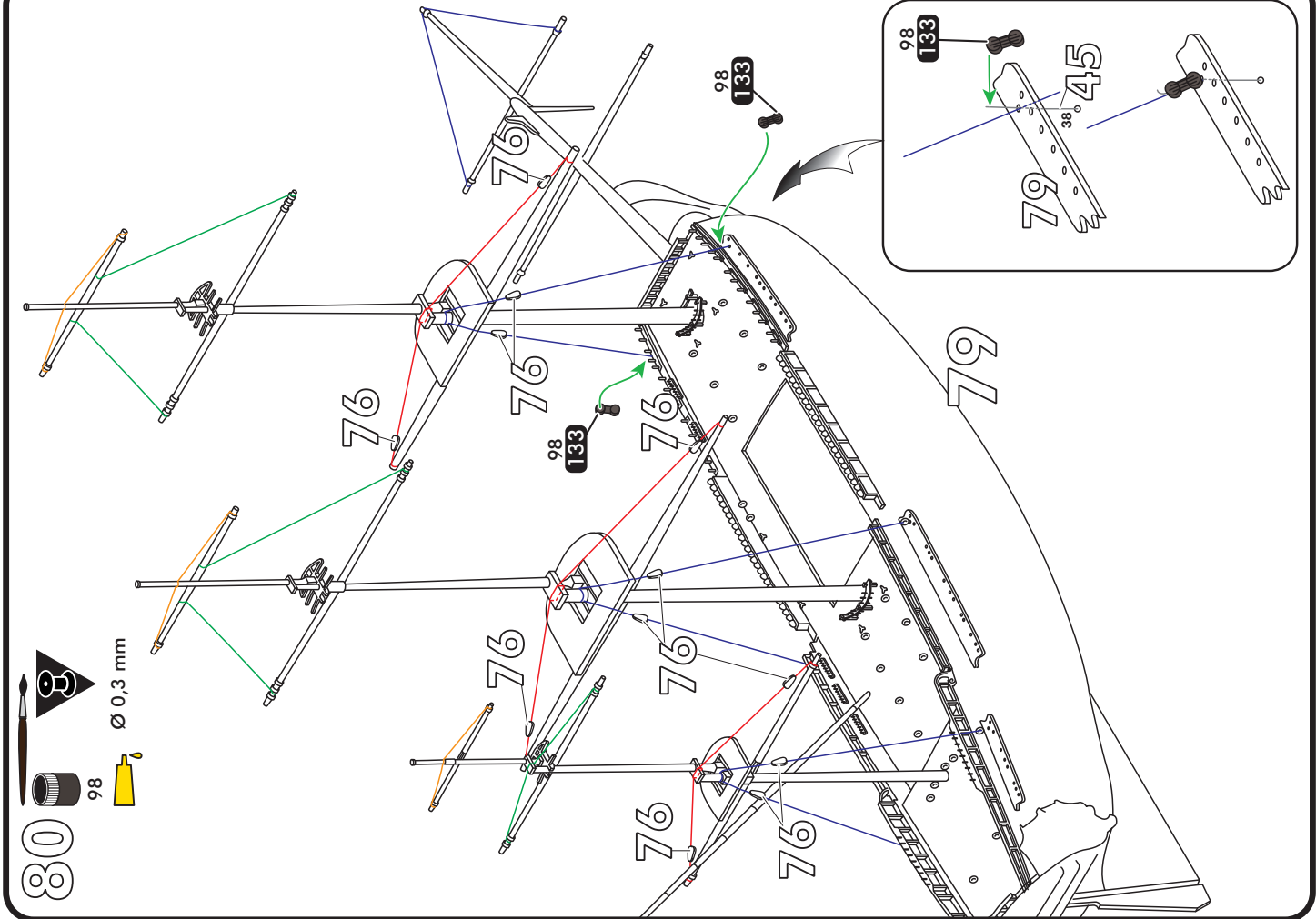
73

76



x10

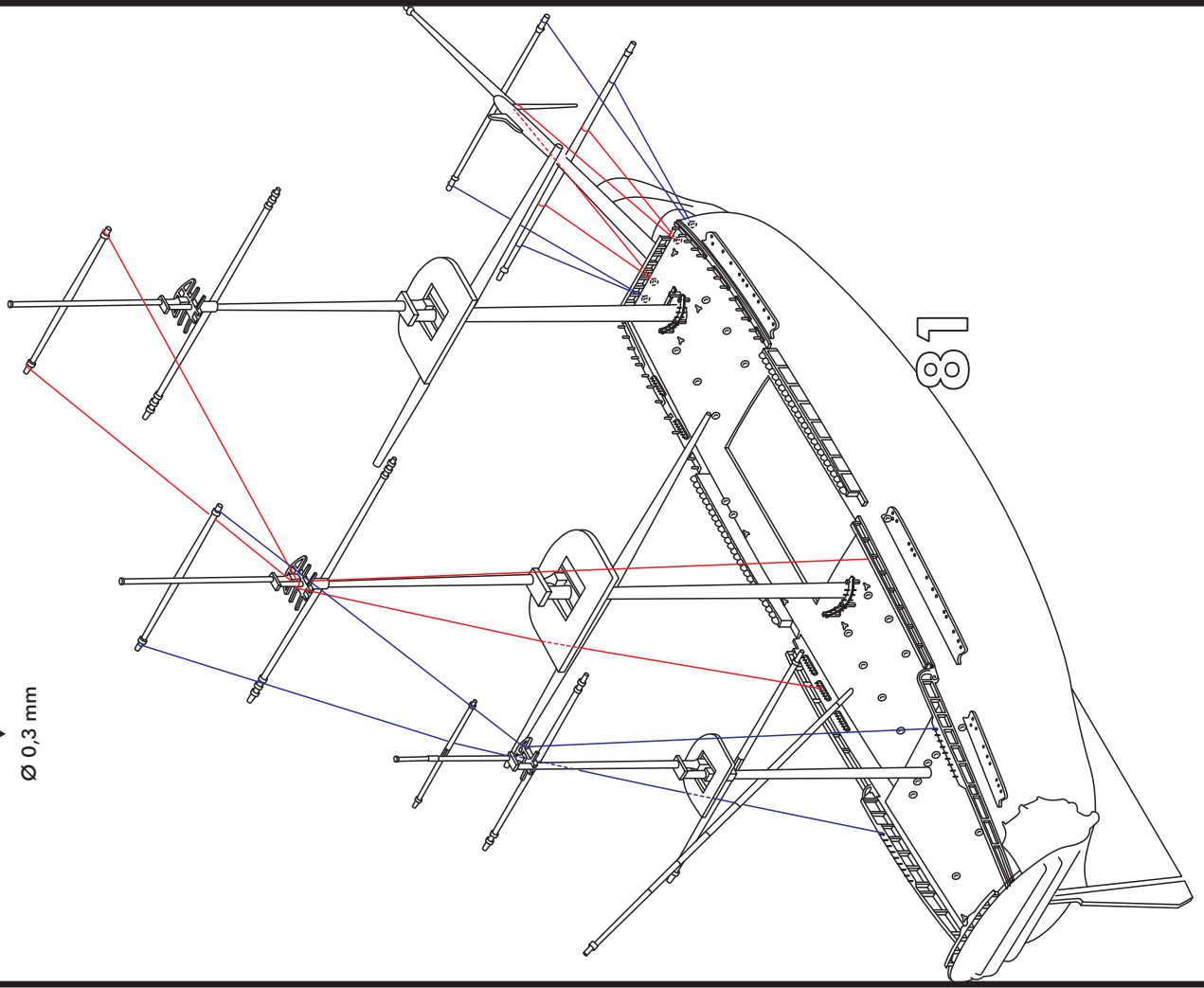




82



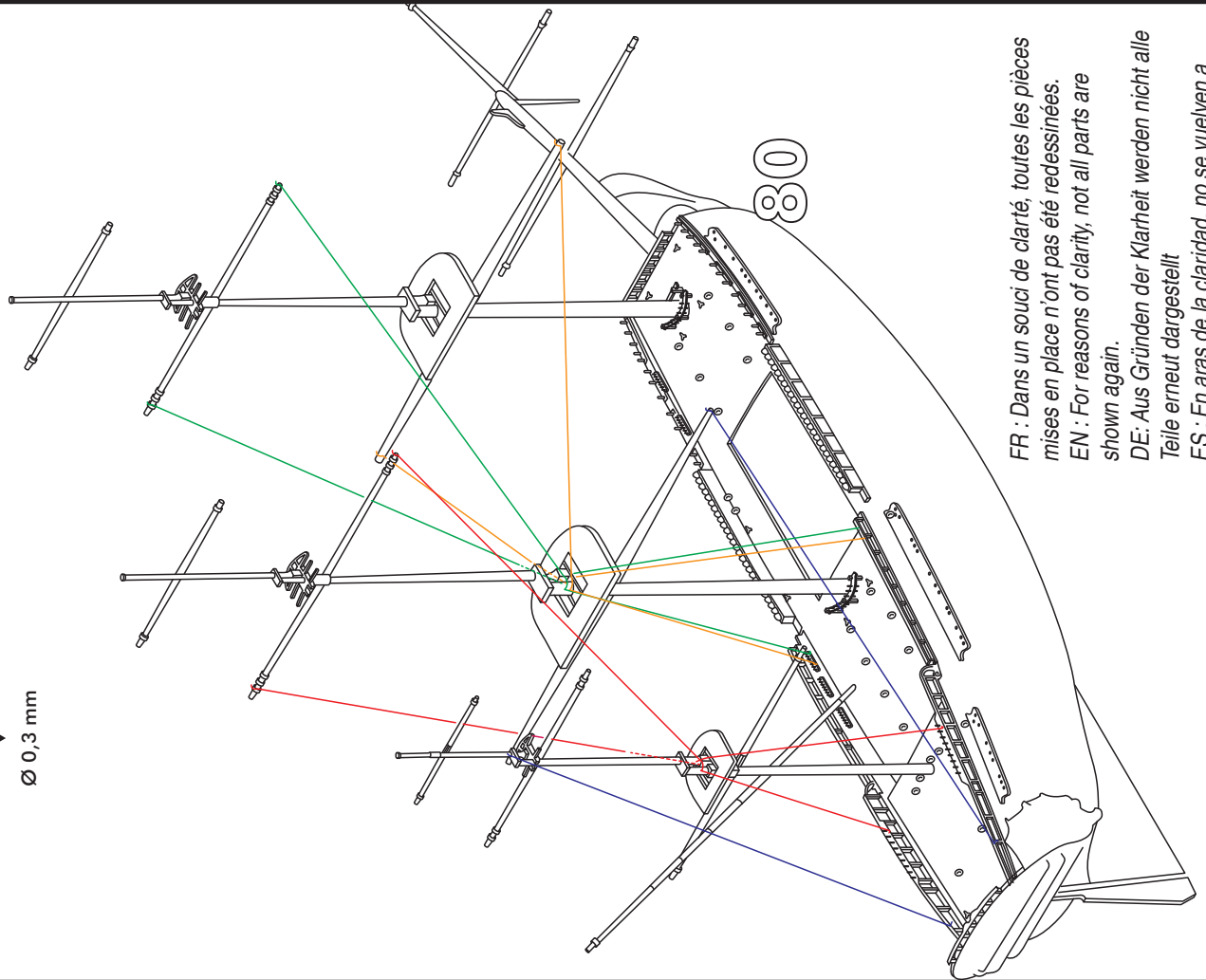
Ø 0,3 mm



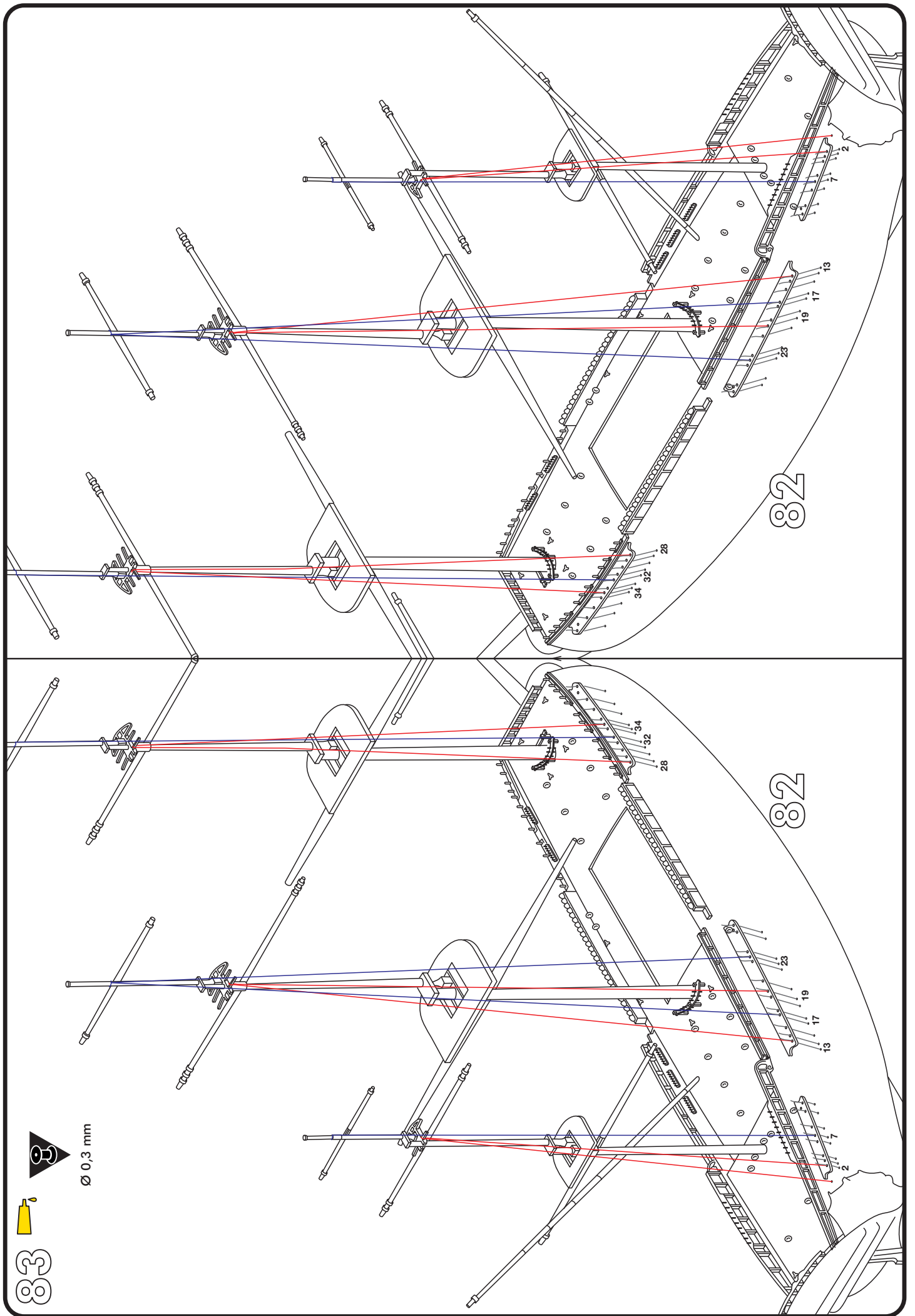
81



Ø 0,3 mm



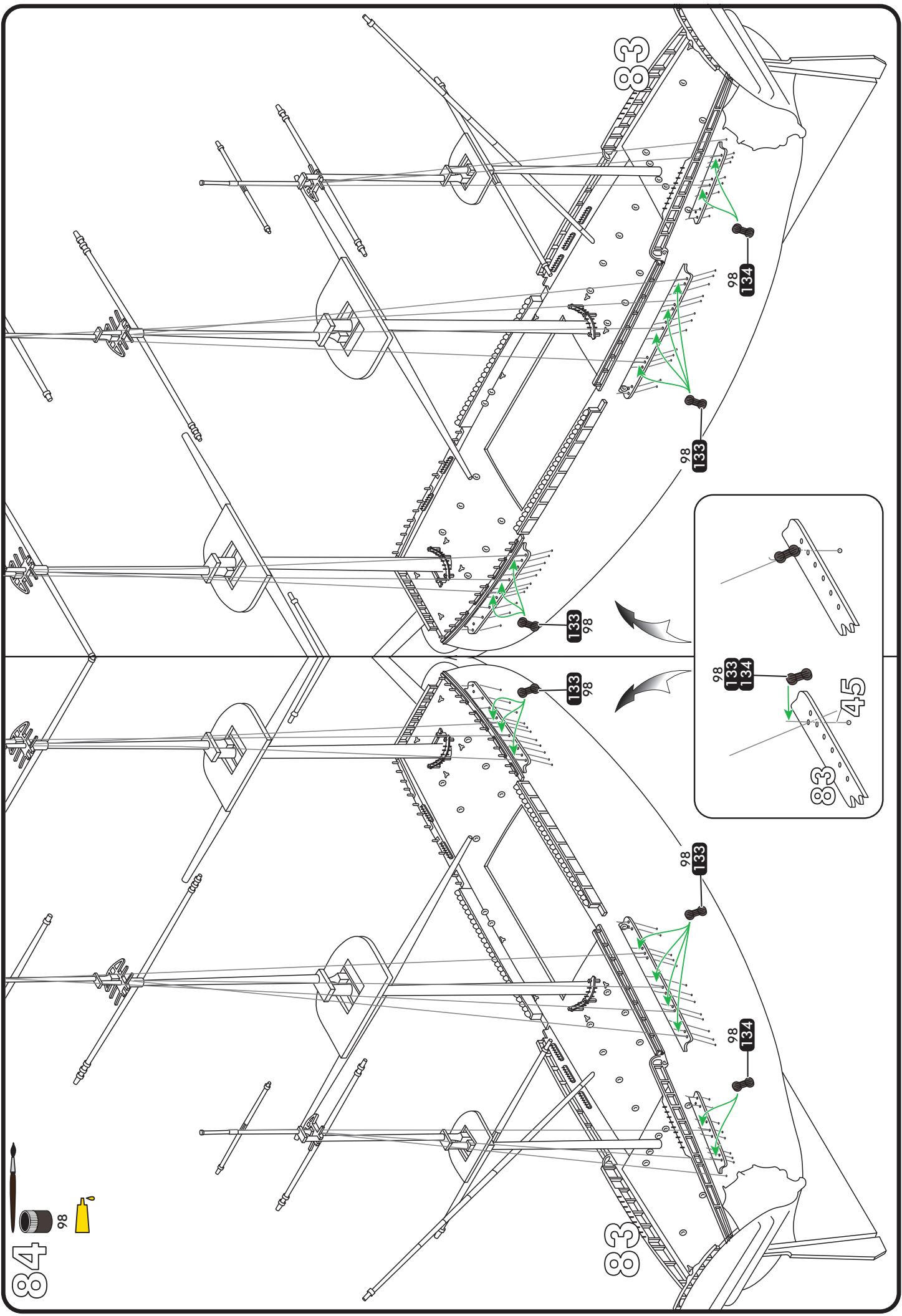
FR : Dans un souci de clarté, toutes les pièces mises en place n'ont pas été redessinées.
 EN : For reasons of clarity, not all parts are shown again.
 DE: Aus Gründen der Klarheit werden nicht alle Teile erneut dargestellt
 ES : En aras de la claridad, no se vuelven a presentar todas las partes.



Ø 0,3 mm



82



84



98





Ø 0,3 mm

MACHINE A HAUBANS

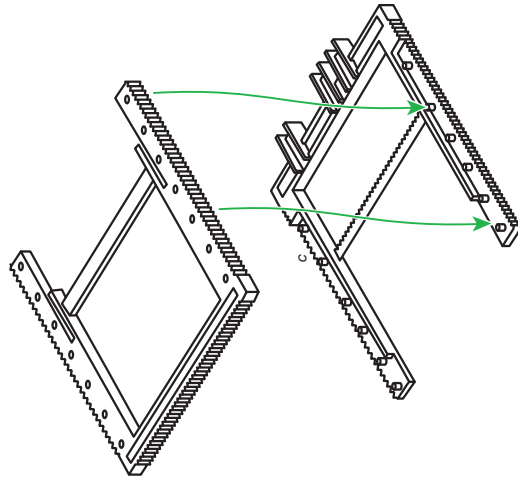
La machine fournie dans la boîte permet de fabriquer des haubans symétriques.

Le passage des fils est indiqué pour chaque montage.

HAUBANS Aa

- 6 fils verticaux (Ø 0,30 mm) aux crans: 16, 19, 24, 28, 33, 36
- 36 fils horizontaux (Ø 0,30 mm) du cran 1 à 36 (tous les crans)

1°) Régler la machine en position C



FABRICATION DES HAUBANS

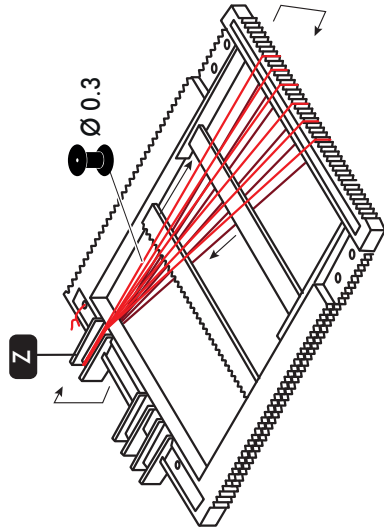
2°) Fils verticaux

Nouer le fil en faisant un boucle au passage Z

Passer la rainure.

Passer le fil aux crans 16, 19, 24, 28, 33, 36

Le fil doit être tendu.



3°) Fils horizontaux

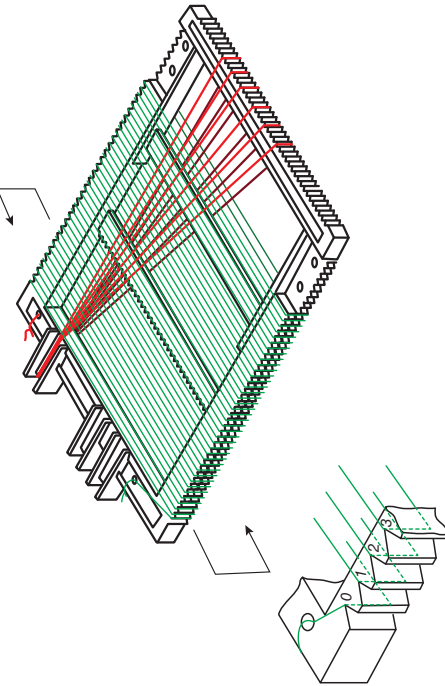
Nouer le fil en faisant un boucle au passage Z, le

passer au cran 0 (branche gauche) le faire suivre dans le cran 1 de la branche opposée (branche droite)

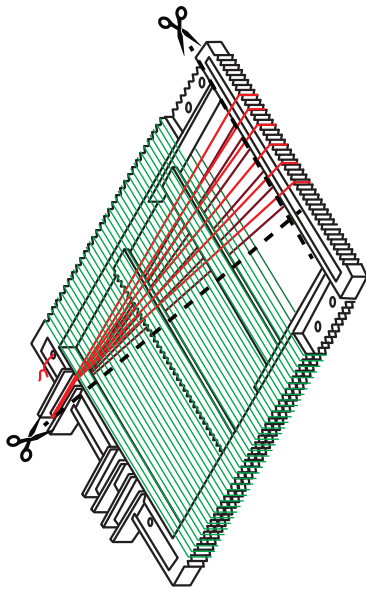
revenir dans le cran 1 de la branche de gauche,

le faire suivre dans le cran 2 de la branche

opposée et ainsi de suite jusqu'au cran 36.



4°) A l'aide d'un pinceau, enduire l'ensemble des fils de colle vinylique légèrement diluée à l'eau. Après séchage complet, couper les fils horizontaux au ras des extrêmes verticaux, couper ensuite au bas comme indiqué.



HAUBANS Aa

6 fils Ø 0.3 verticaux aux crans: 16, 19, 24, 28, 33, 36
36 fils horizontaux du cran 1 au cran 36 (tous les crans)

HAUBANS Ab

4 fils Ø 0.6 verticaux aux crans: 10, 13, 16, 19
26 fils horizontaux du cran 1 au cran 26 (tous les crans)

HAUBANS Ba

9 fils Ø 0.3 verticaux aux crans: 5, 7, 14, 17, 22, 29, 34, 37, 41
42 fils horizontaux du cran 1 au cran 42 (tous les crans)

HAUBANS Bb

6 fils Ø 0.3 verticaux aux crans: 8, 10, 12, 14, 17, 20
40 fils horizontaux du cran 1 au cran 40 (tous les crans)

HAUBANS Ca

8 fils Ø 0.9 verticaux aux crans: 10, 15, 18, 23, 26, 30, 32, 36
40 fils horizontaux du cran 1 au cran 40 (tous les crans)

HAUBANS Cb

5 fils Ø 0.3 verticaux aux crans: 10, 13, 16, 19, 22
36 fils horizontaux du cran 1 au cran 36 (tous les crans)



∅ 0,3 mm

SHROUD MACHINE

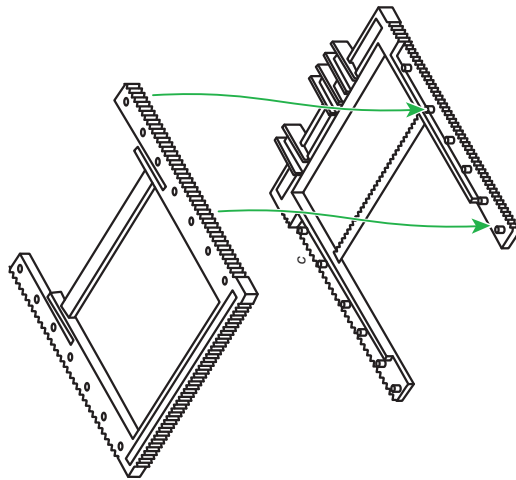
The machine supplied in the box allows you to make symmetrical shrouds.

The passage of the wires is indicated for each assembly.

SHROUDS Aa

- 6 vertical wires (∅ 0,30 mm) at the notches: 16, 19, 24, 28, 33, 36
- 36 horizontal wires (∅ 0,30 mm) from notch 1 to 36 (all notches)

1°) Set the machine to position C

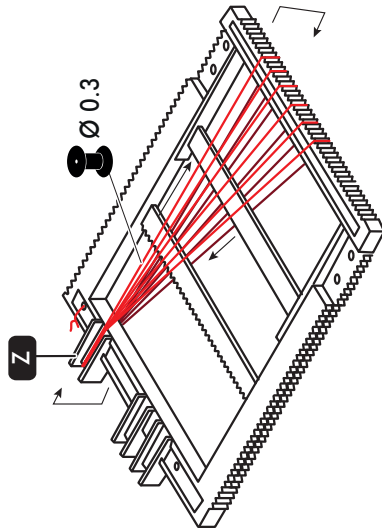


PREPARATION OF SHROUDS

2°) Vertical wires

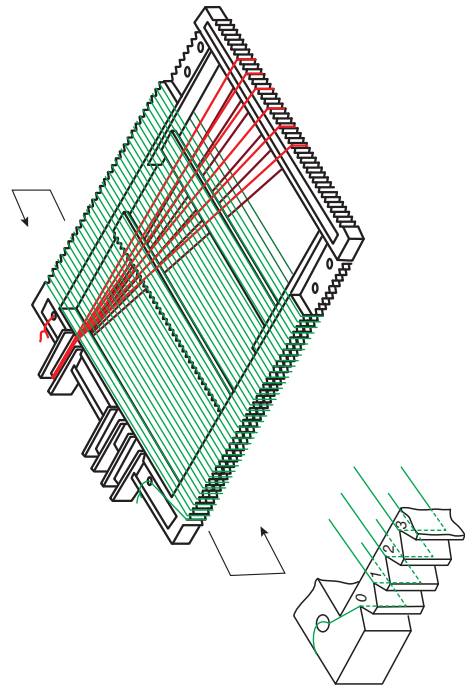
Tie the wire by making a loop at the Z passage. Pass the groove. Pass the thread through the notches 16, 19, 24, 28, 33, 36

The wire must be taut.

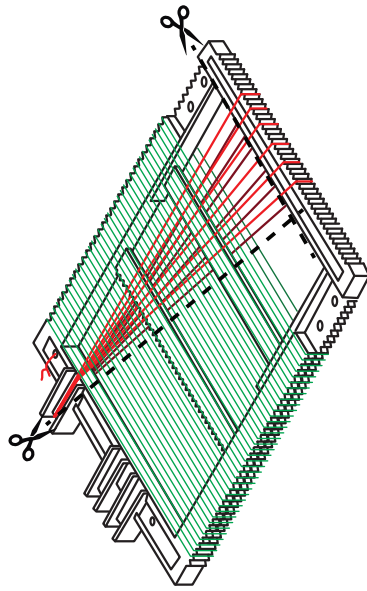


3°) Horizontal wires

Tie the thread in a loop at passage Z, pass it to notch 0 (left branch) and follow it in notch 1 of the opposite branch (right branch) return to notch 1 of the left branch, follow it to notch 2 of the opposite branch and so on until notch 36.



4°) Using a brush, coat all the threads with vinyl glue slightly diluted with water. After drying completely, cut the horizontal wires flush with the vertical vertical ends, then cut at the bottom as shown.



Shrouds Aa

6 wires ∅ 0.3 vertical at notches: 16, 19, 24, 28, 33, 36
36 horizontal wires from notch 1 to notch 36 (all notches)

ShroudsAb

4 wires ∅ 0.6 vertical at notches: 10, 13, 16, 19
26 horizontal wires from notch 1 to notch 26 (all notches)

Shrouds Ba

9 wires ∅ 0.3 vertical at notches: 5, 7, 14, 17, 22, 29, 34, 37, 41
42 horizontal wires from notch 1 to notch 42 (all notches)

Shrouds Bb

6 wires ∅ 0.3 vertical at notches: 8, 10, 12, 14, 17, 20
40 horizontal wires from notch 1 to notch 40 (all notches)

Shrouds Ca

8 wires ∅ 0.9 vertical at notches: 10, 15, 18, 23, 26, 30, 32, 36
40 horizontal wires from notch 1 to notch 40 (all notches)

Shrouds Cb

5 wires ∅ 0.3 vertical at notches: 10, 13, 16, 19, 22
36 horizontal wires from notch 1 to notch 36 (all notches)



Ø 0,3 mm

WANTENMASCHINE

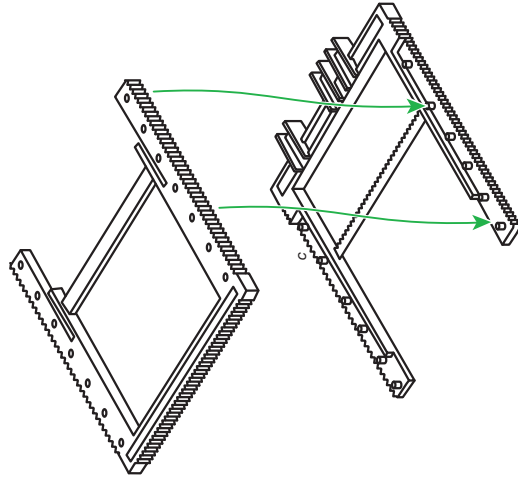
Die in der Verpackung mitgelieferte Maschine ermöglicht die Herstellung von symmetrischen Wanten.

Die Seilführung ist für jede Baugruppe angegeben.

WANTEN Aa

- 6 vertikale Seile (Ø 0,30 mm) an den Raststellen: 16, 19, 24, 28, 33, 36
- 36 horizontale Seile (Ø 0,30 mm) von Raste 1 bis 36 (beide Kerben)

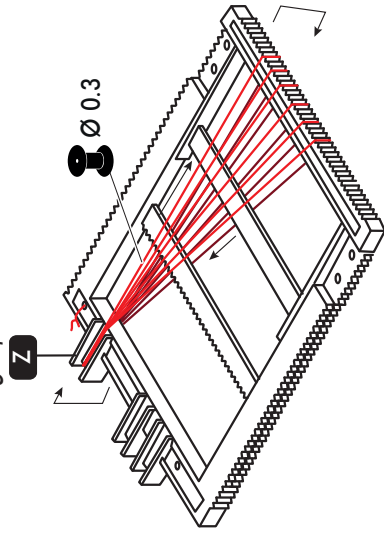
1°) Stellen Sie die Maschine auf Position C



VORBEREITUNG VON WANTEN

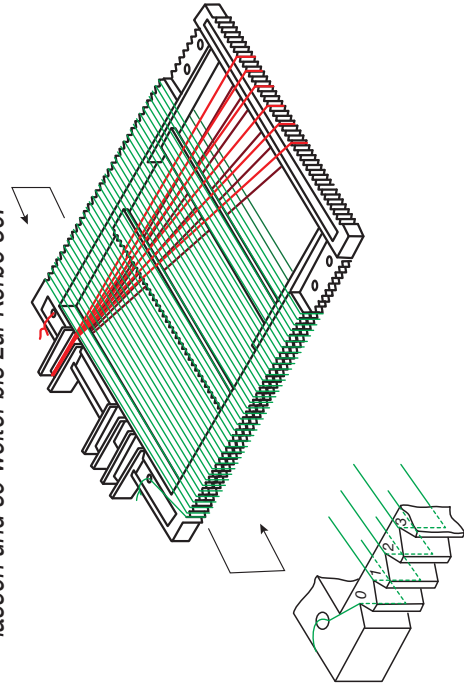
2°) Vertikale Seile

Knüpfen Sie den Faden mit einer Schlaufe an der Stelle Z. Führen Sie den Faden durch die Rille. Den Faden durch die Rastungen 16, 19, 24, 28, 33, 36 führen.
Der Faden muss gespannt sein.



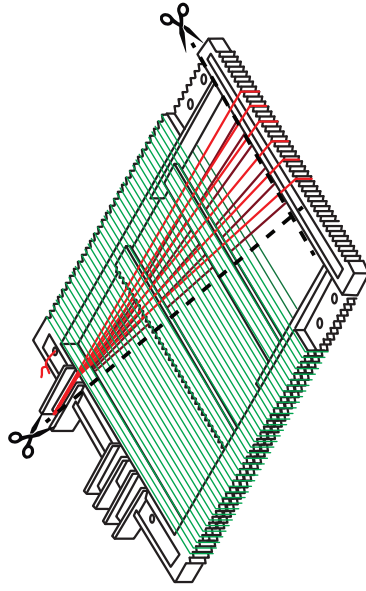
3°) Horizontale Seile

Knüpfen Sie den Faden mit einer Schlinge am Übergang Z, führen Sie ihn durch die Kerbe 0 (linker Zweig), lassen Sie ihn in die Kerbe 1 des gegenüberliegenden Zweigs (rechter Zweig) folgen. Zurück in die Kerbe 1 des linken Zweiges, ihn in die Kerbe 2 des gegenüberliegenden Zweiges folgen lassen und so weiter bis zur Kerbe 36.



4°) Bestreiche alle Seile mit einem Pinsel mit Vinylkleber, der leicht mit Wasser verdünnt wurde.
Nachdem die Fäden vollständig getrocknet sind, schneiden Sie die horizontalen Fäden bündig mit den äußersten Enden ab.

Anschließend werden sie wie beschrieben an der Unterseite abgeschnitten.



WANTEN Aa

6 Fäden Ø 0,3 vertikal in den Rasten: 16, 19, 24, 28, 33, 36
36 horizontale Fäden von Raste 1 bis Raste 36 (alle Rasten)

WANTEN Ab

4 Fäden Ø 0,6 vertikal in den Rasten: 10, 13, 16, 19
26 horizontale Fäden von Raste 1 bis Raste 26 (alle Rasten)

WANTEN Ba

9 Fäden Ø 0,3 vertikal in den Rasten: 5, 7, 14, 17, 22, 29, 34, 37, 41
42 horizontale Fäden von Raste 1 bis Raste 42 (alle Rasten)

WANTEN Bb

6 Fäden Ø 0,3 vertikal bei den Rasten: 8, 10, 12, 14, 17, 20
40 horizontale Fäden von Raste 1 bis Raste 40 (alle Rasten)

WANTEN Ca

8 Fäden Ø 0,9 vertikal in den Rasten: 10, 15, 18, 23, 26, 30, 32, 36
40 horizontale Fäden von Raste 1 bis Raste 40 (alle Rasten)

WANTEN Cb

5 Fäden Ø 0,3 vertikal in den Rasten: 10, 13, 16, 19, 22
36 horizontale Fäden von Raste 1 bis Raste 36 (alle Rasten)



∅ 0,3 mm

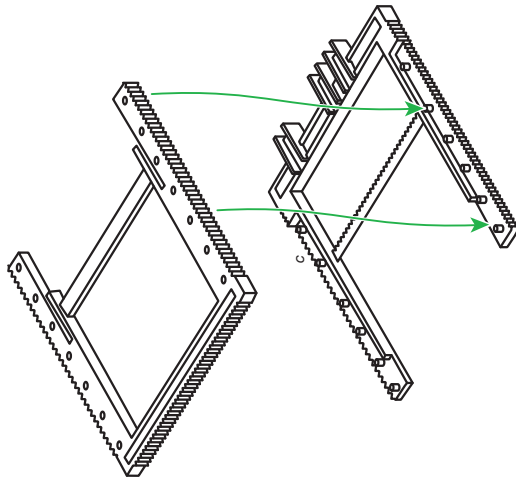
MÁQUINA DE OBENQUES

La máquina suministrada en la caja permite fabricar obenques simétricos. Para cada montaje se indica el paso de los cables.

OBENQUES Aα

- 6 hilos verticales (∅ 0,30 mm) en las siguientes muescas: 16, 19, 24, 28, 33, 36
- 36 hilos horizontales (∅ 0,30 mm) de la muesca 1 a la 36 (todas las muescas)

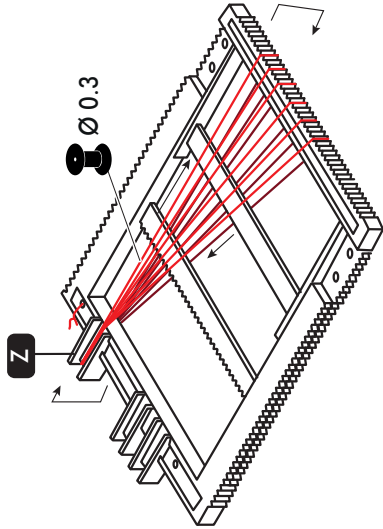
1º) Poner la máquina en la posición C



FABRICACIÓN DE LOS OBENQUES

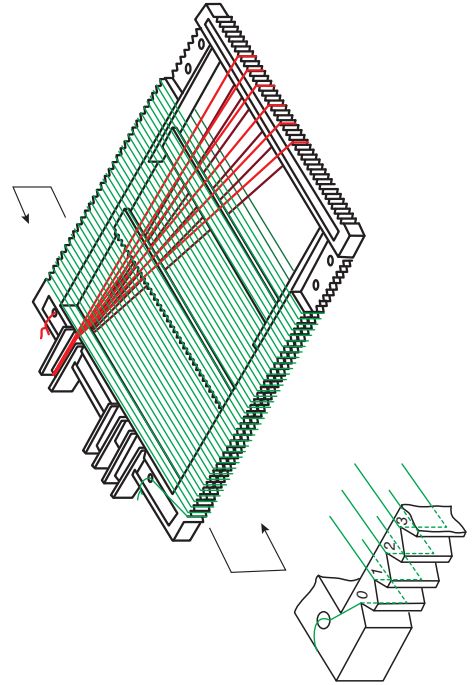
2º) Cables verticales

Ate el cable en un bucle en el paso Z Pase la ranura. Pase el hilo por las muescas 16, 19, 24, 28, 33, 36. El hilo debe estar tenso.

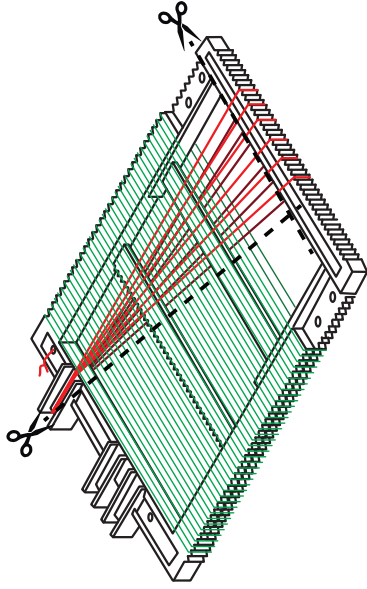


3º) Cables horizontales

Anudar el hilo en un bucle en el paso Z, pasarlo a la muesca 0 (rama izquierda) y seguirlo en la muesca 1 de la rama opuesta (rama derecha) volver a la muesca 1 de la rama izquierda, seguir hasta la muesca 2 de la rama opuesta y así hasta la muesca 36.



4º) Con un pincel, cubre todos los cables con cola vinílica ligeramente diluida en agua. Después de que se haya secado por completo, corte los cables horizontales a ras de los extremos verticales, y luego corte en la parte inferior como se muestra.



OBENQUES Aα

6 hilos ∅ 0,3 vertical en las muescas: 16, 19, 24, 28, 33, 36
36 vertical en las muescas 1 hasta la muesca 36 (todas las muescas)

OBENQUES Ab

4 hilos ∅ 0,6 vertical en las muescas: 10, 13, 16, 19
26 vertical en las muescas 1 hasta la muesca 26 (todas las muescas)

OBENQUES Ba

9 hilos ∅ 0,3 vertical en las muescas: 5, 7, 14, 17, 22, 29, 34, 37, 41
42 hilos horizontales desde la muesca 1 hasta la 42 (todas las muescas)

OBENQUES Bb

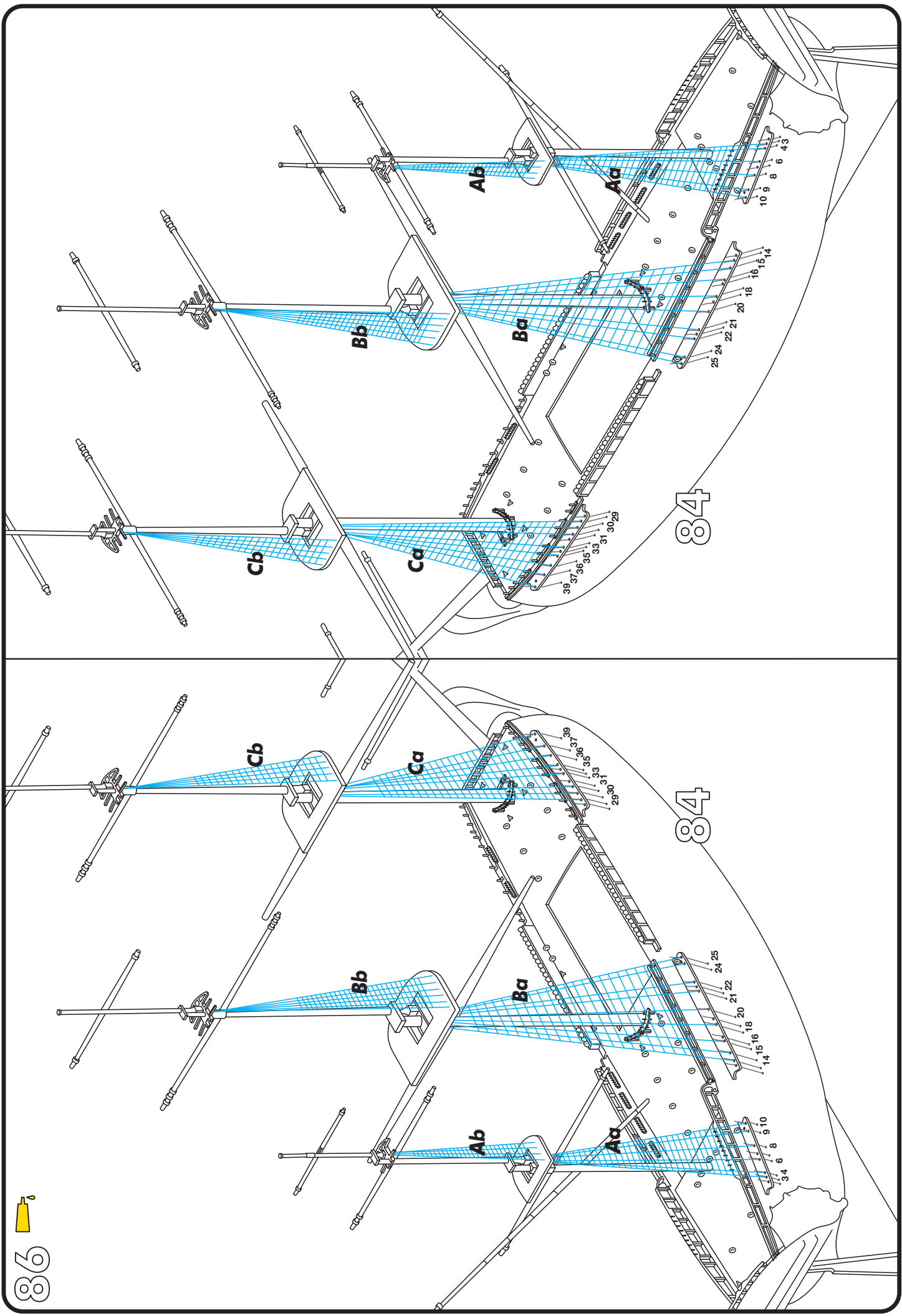
6 hilos ∅ 0,3 vertical en las muescas: 8, 10, 12, 14, 17, 20
40 hilos horizontales desde la muesca 1 hasta la 40 (todas las muescas)

OBENQUES Ca

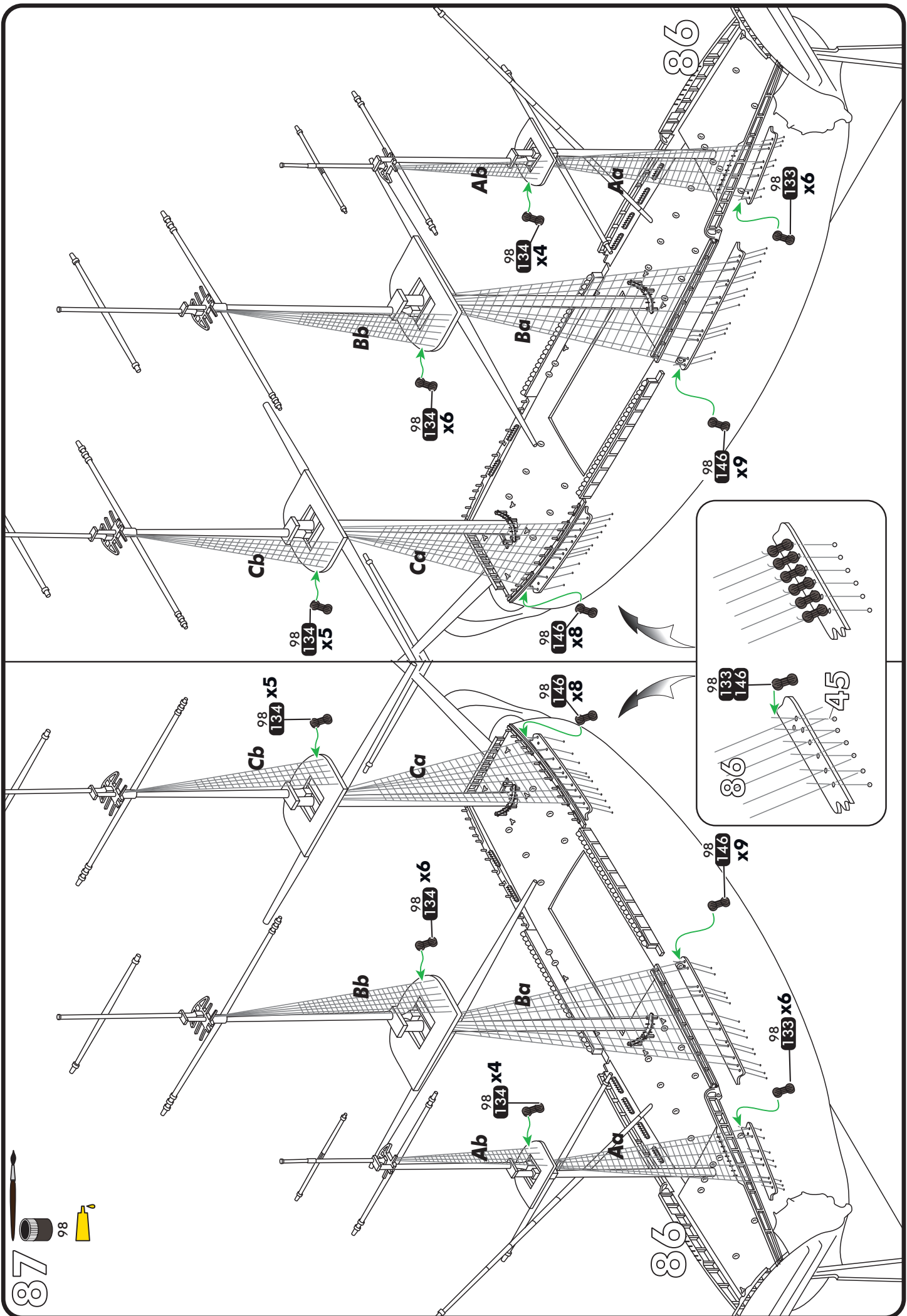
8 hilos ∅ 0,9 vertical en las muescas: 10, 15, 18, 23, 26, 30, 32, 36
40 hilos horizontales desde la muesca 1 hasta la 40 (todas las muescas)

OBENQUES Cb

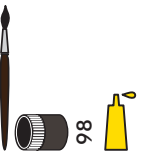
5 hilos ∅ 0,3 vertical en las muescas: 10, 13, 16, 19, 22
36 hilos horizontales desde la muesca 1 hasta la muesca 36 (todas las muescas)

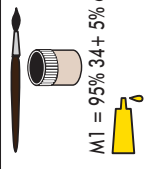


86



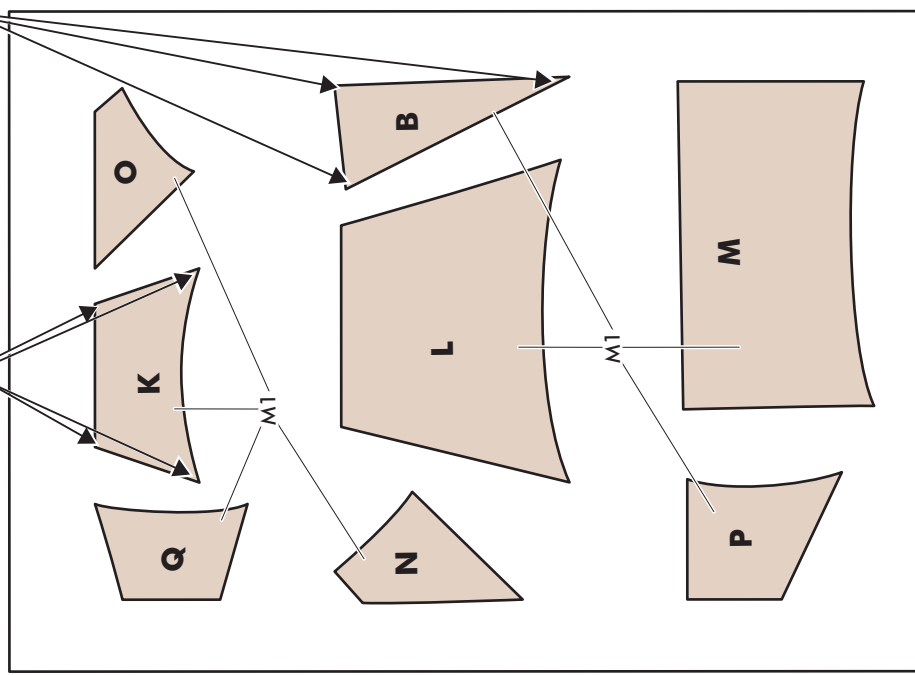
87



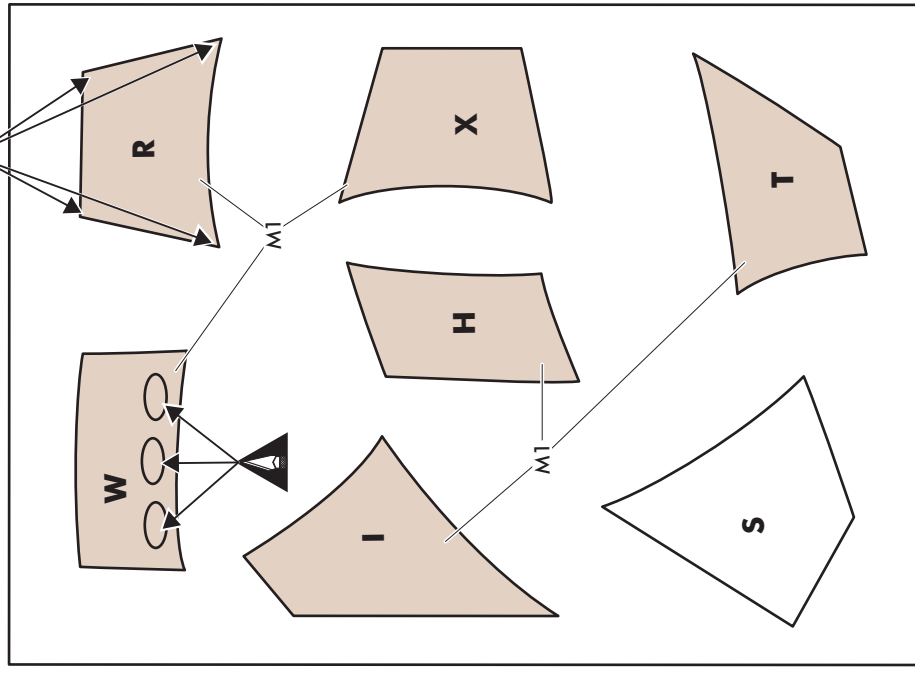


M1 = 95% 34 + 5% 63

BKLMNOPQ
Ø 0.5 mm



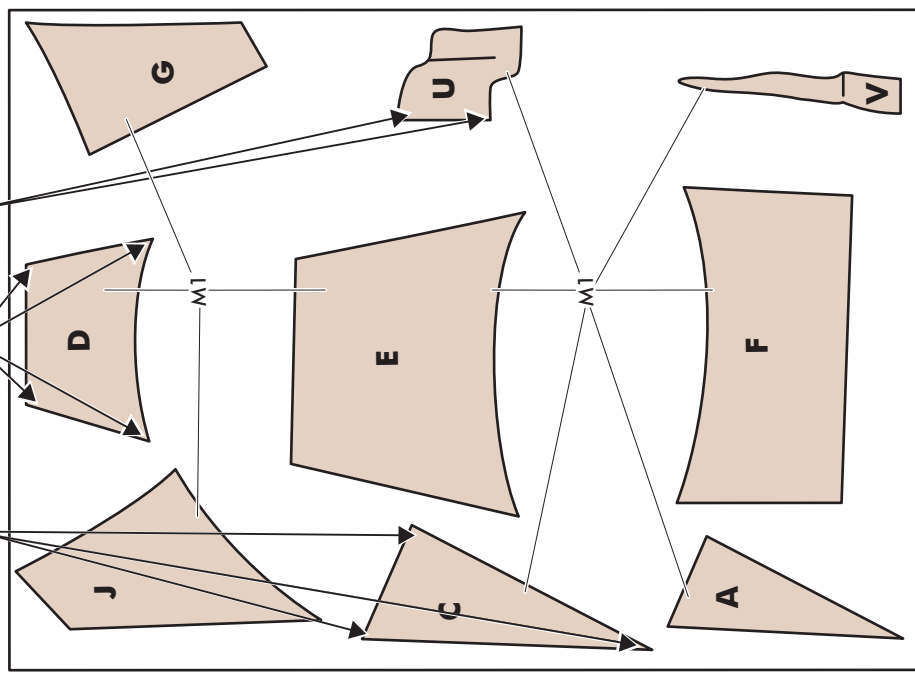
HIRTWX
Ø 0.5 mm



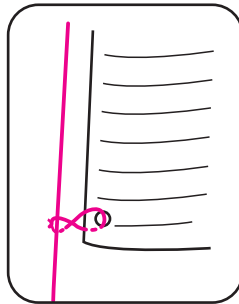
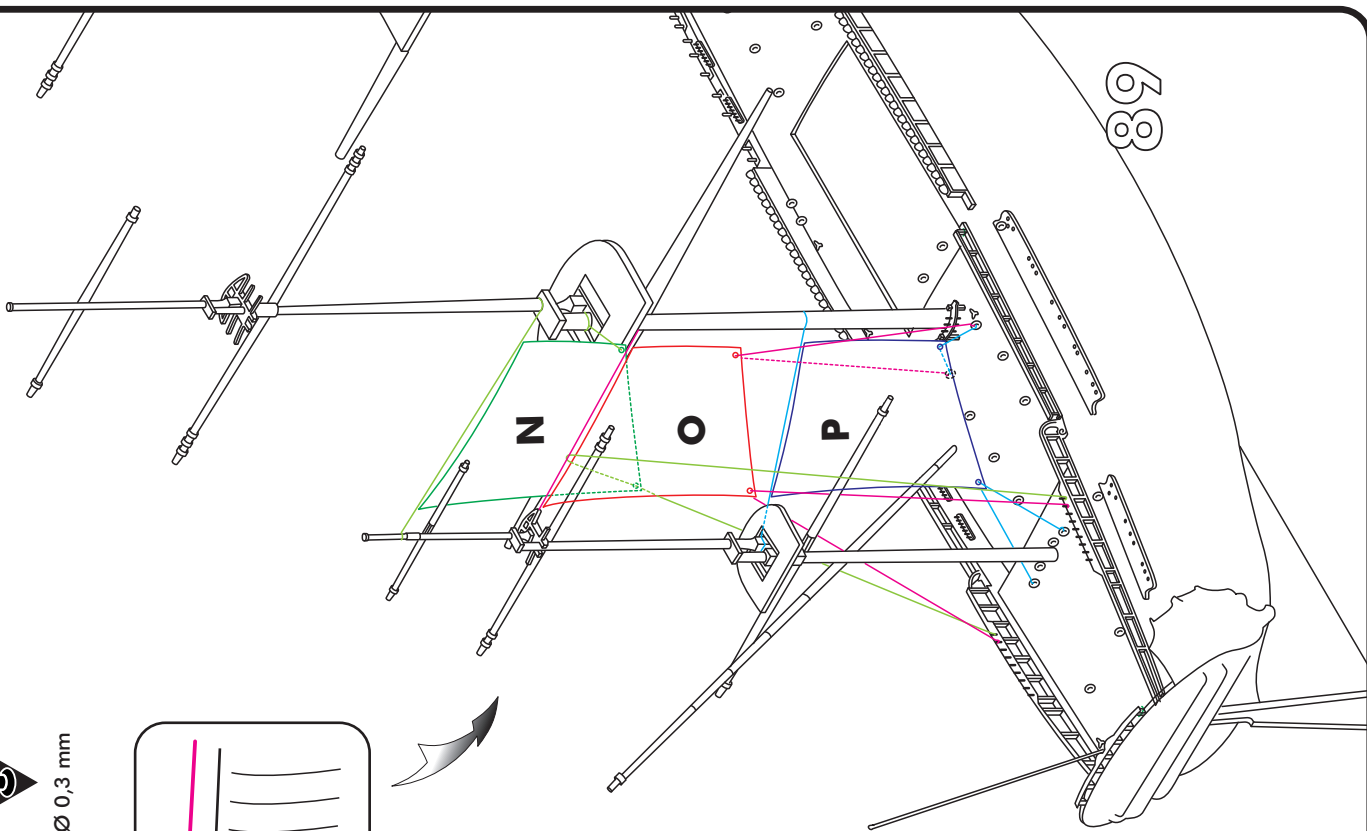
AC
Ø 0.5 mm

DEFHJ
Ø 0.5 mm

UV
Ø 0.5 mm



89

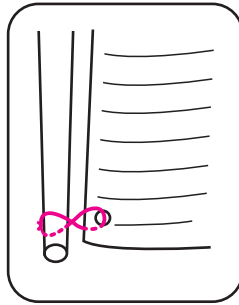
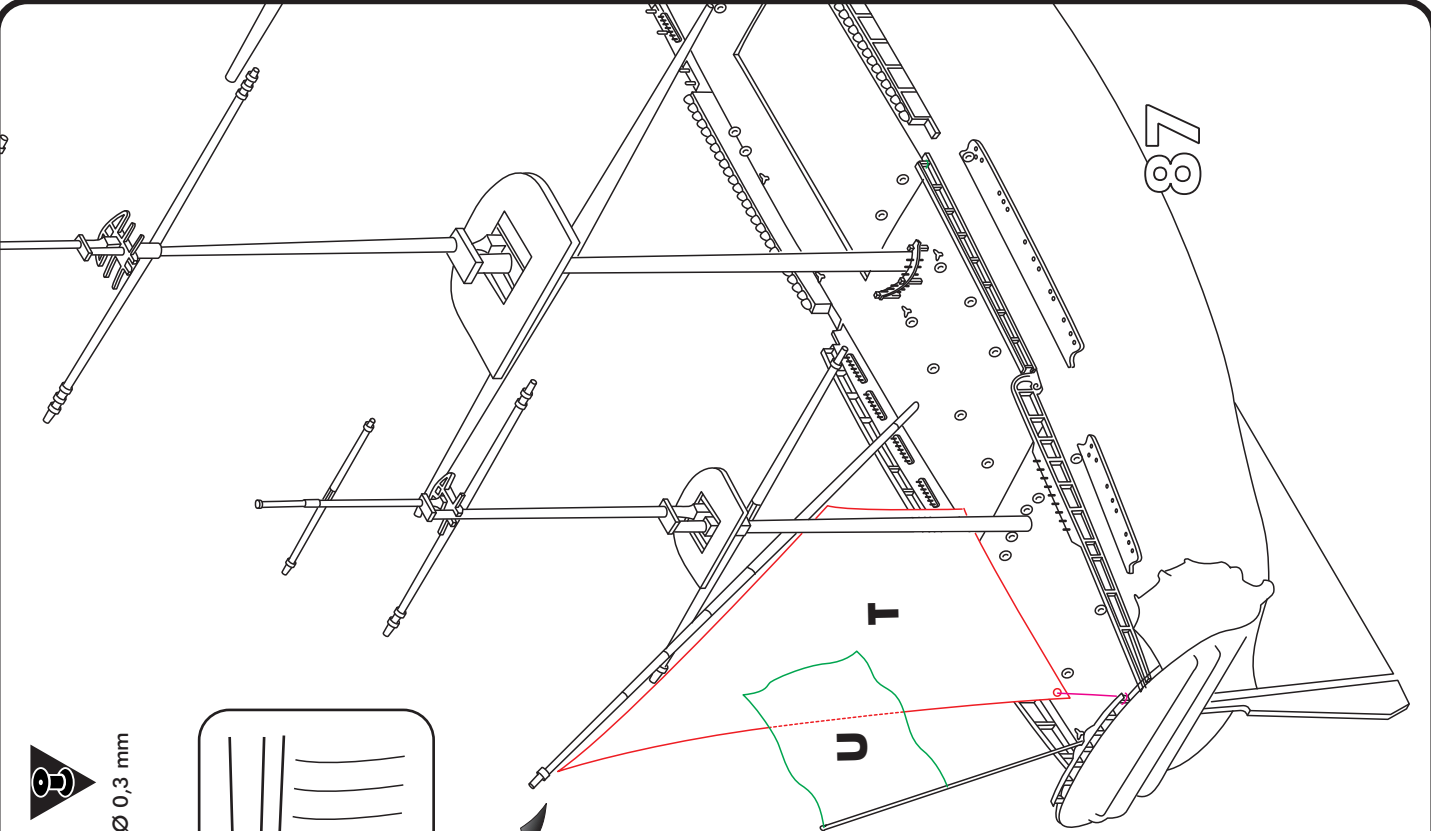


Ø 0,3 mm



90

87



Ø 0,3 mm

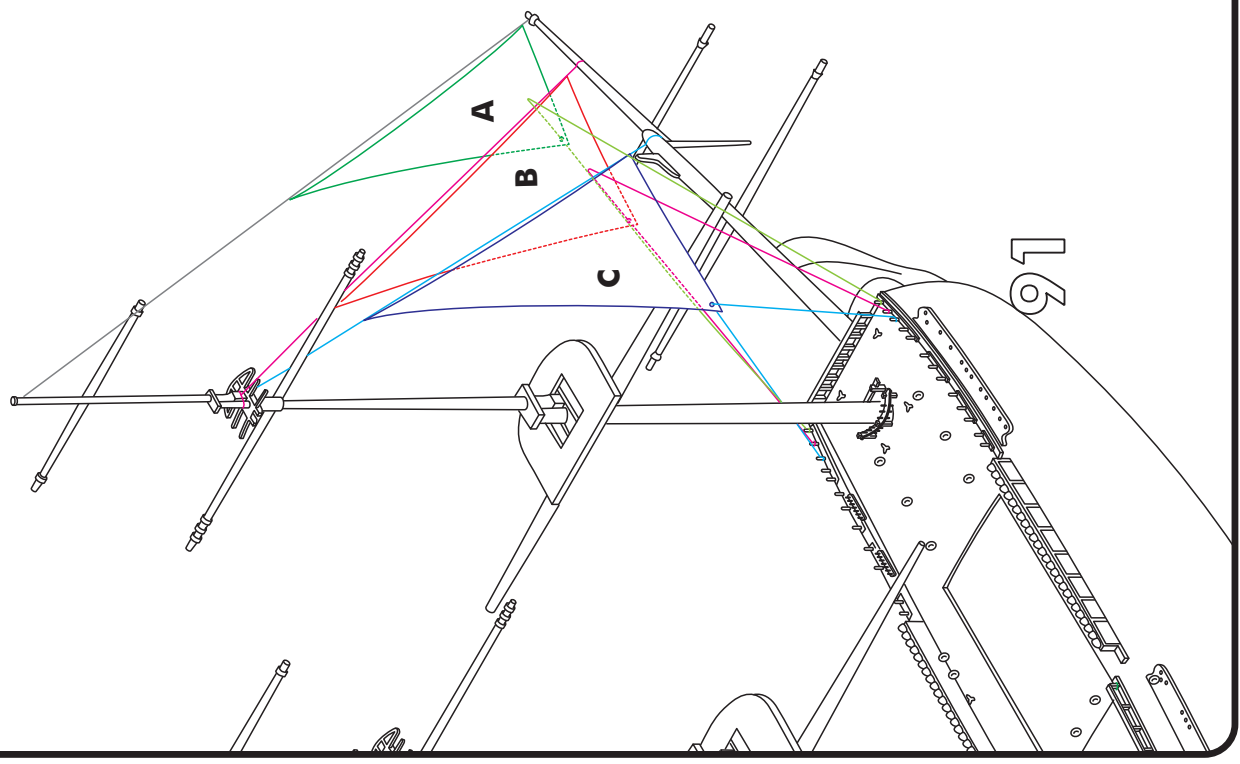


89

92



Ø 0,3 mm

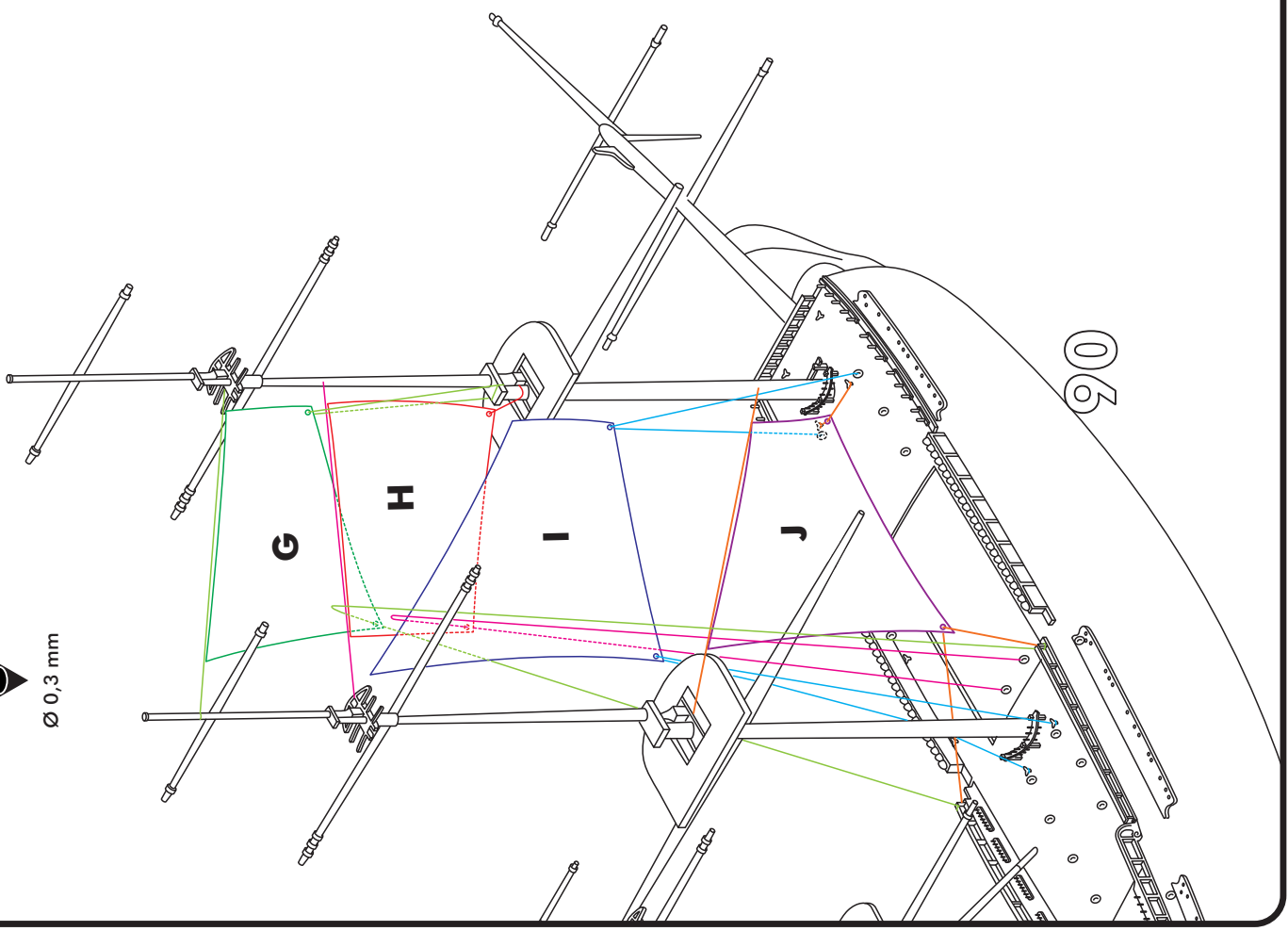


91

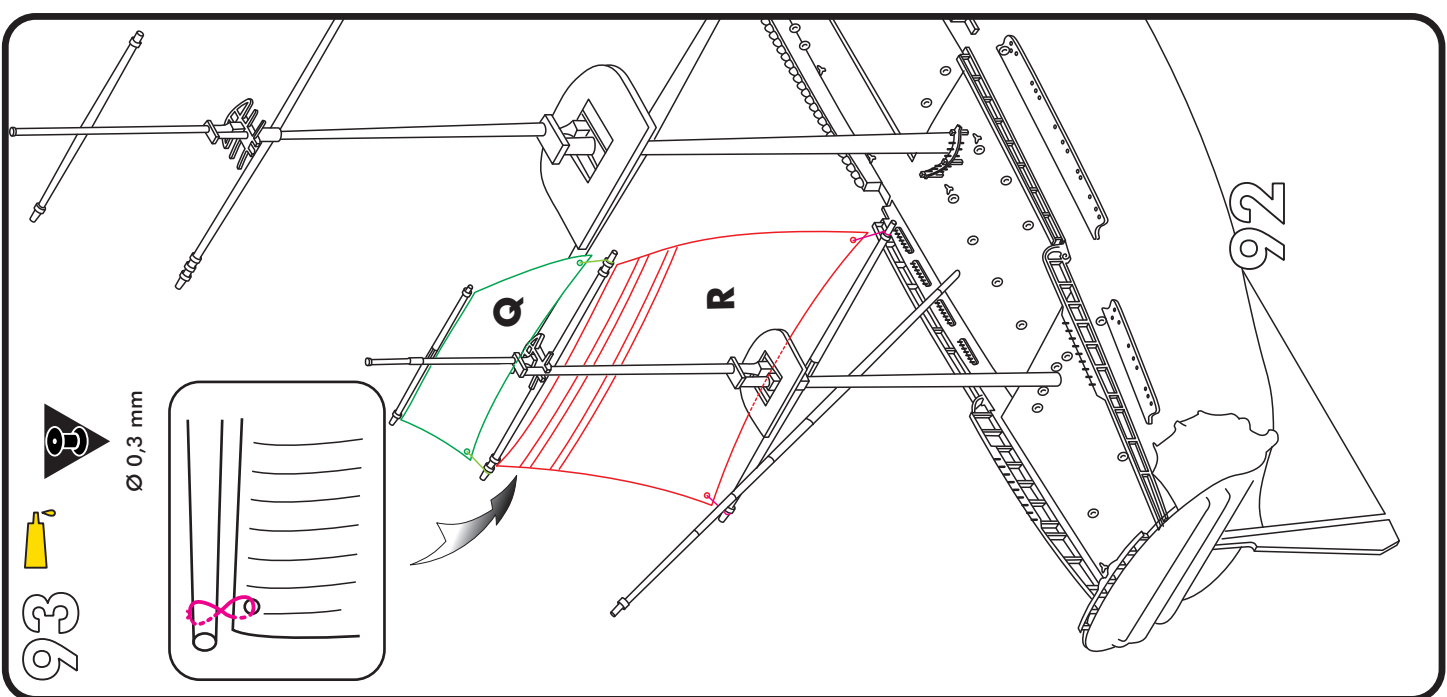
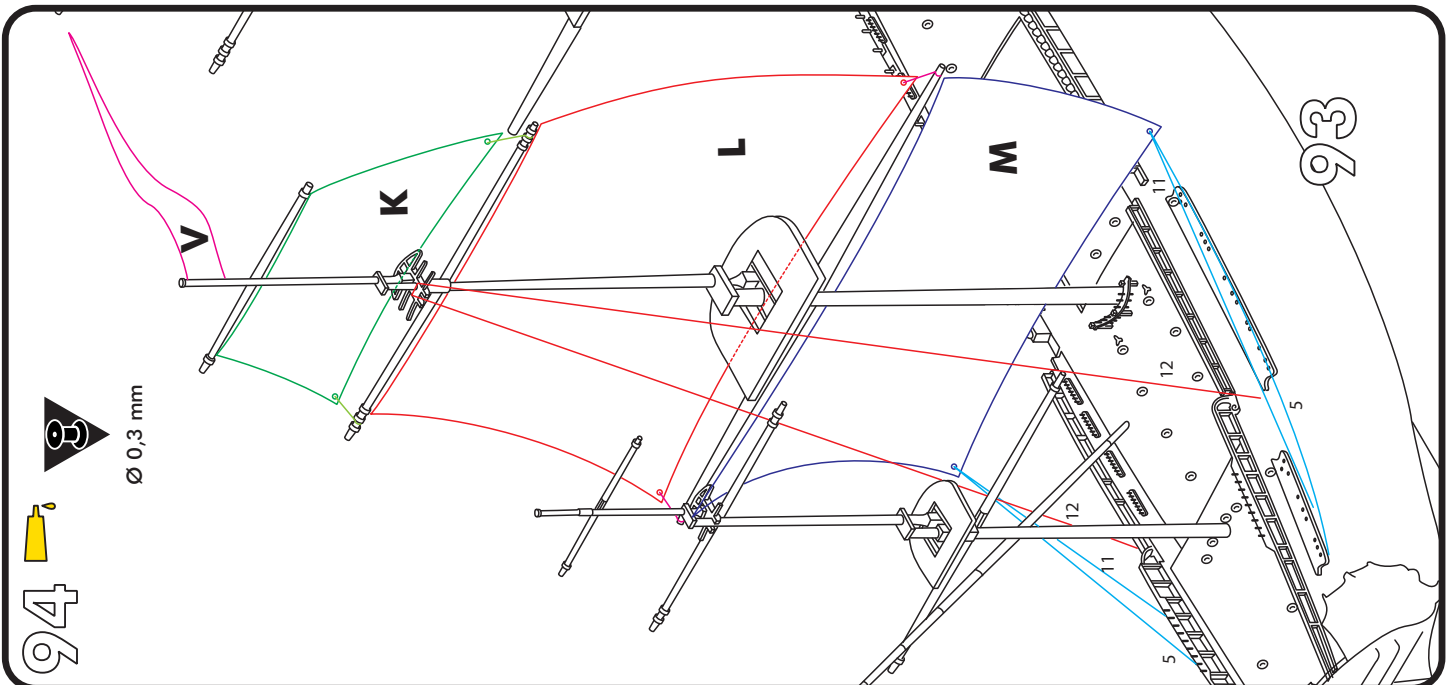
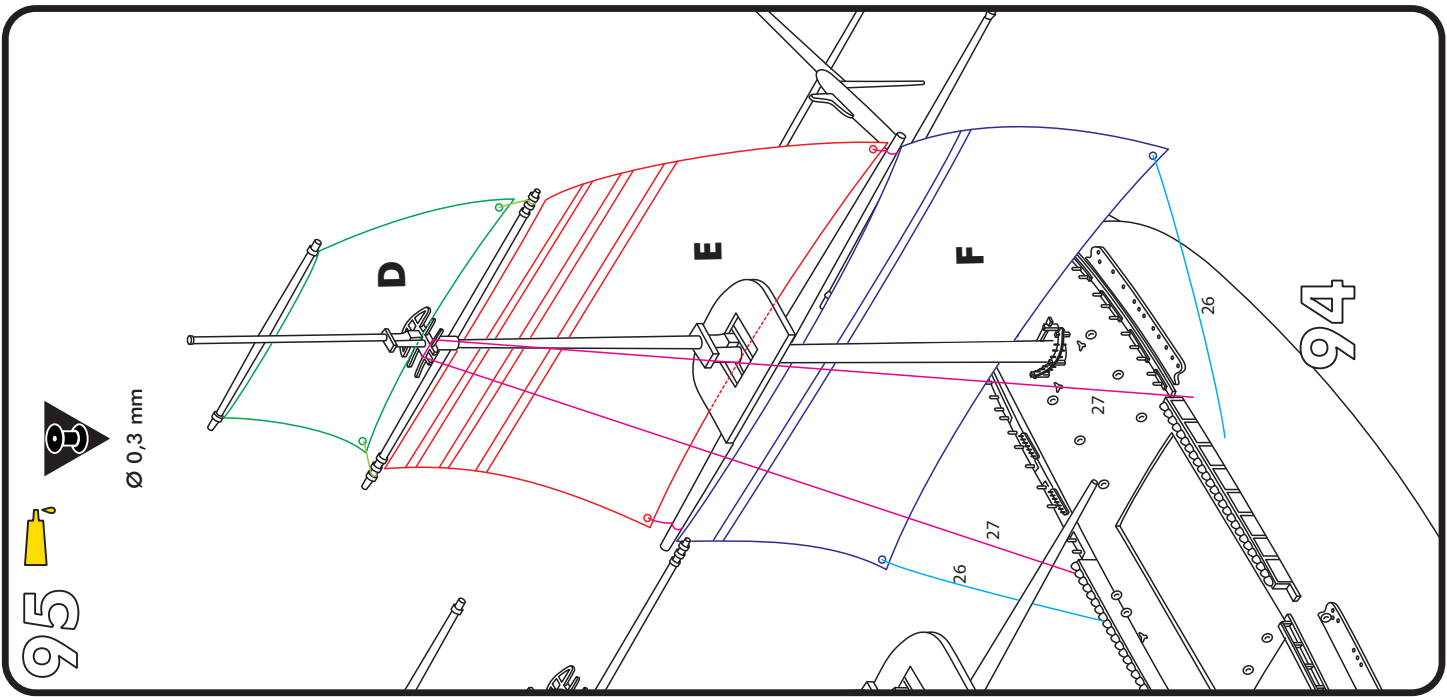
91



Ø 0,3 mm



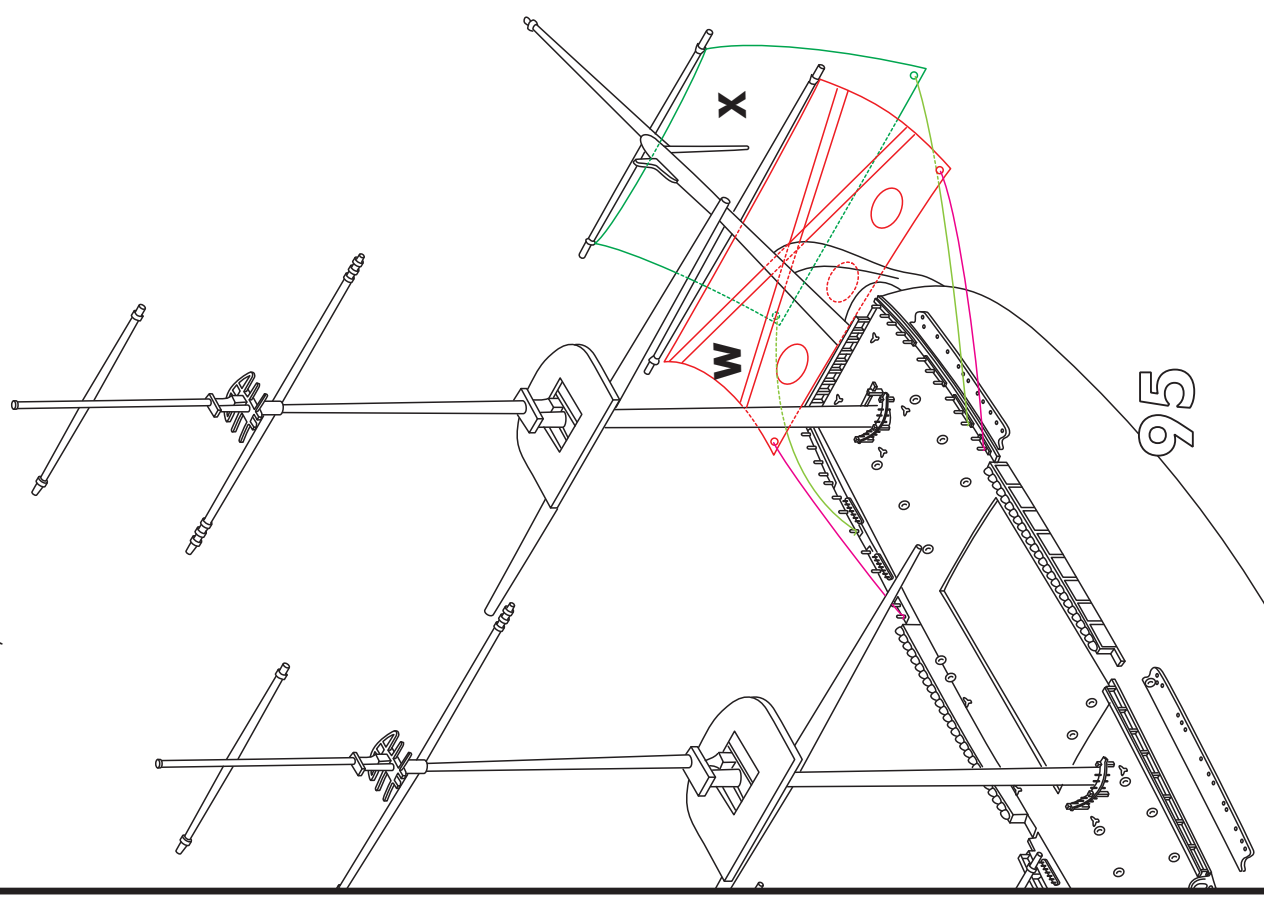
90



96



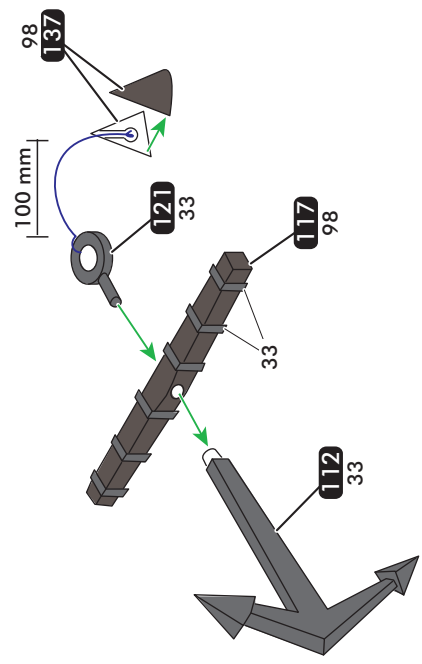
Ø 0,3 mm



97



Ø 0,6 mm

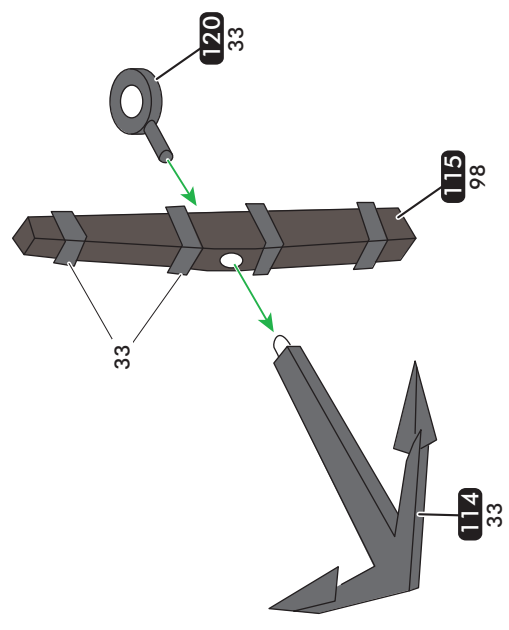


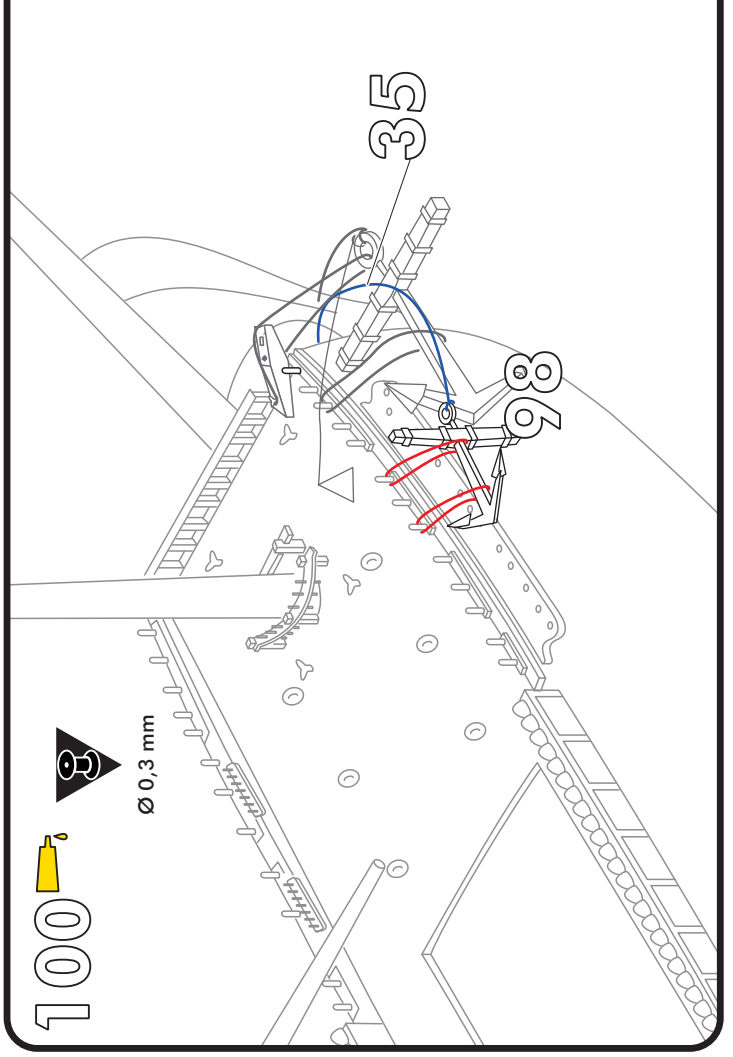
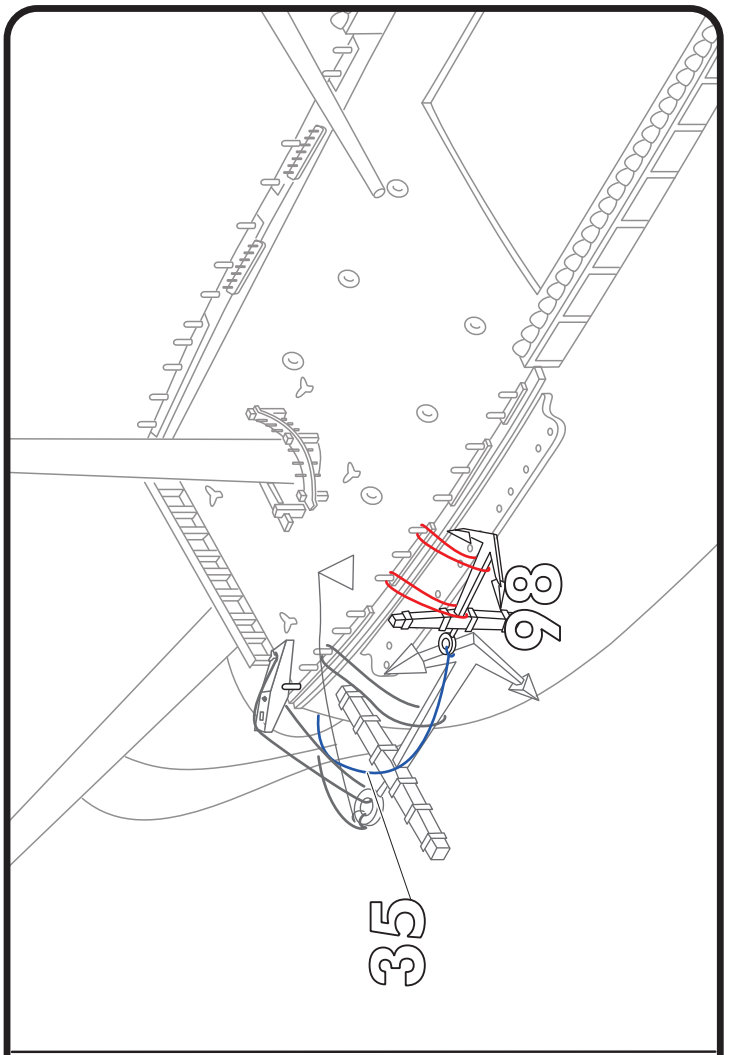
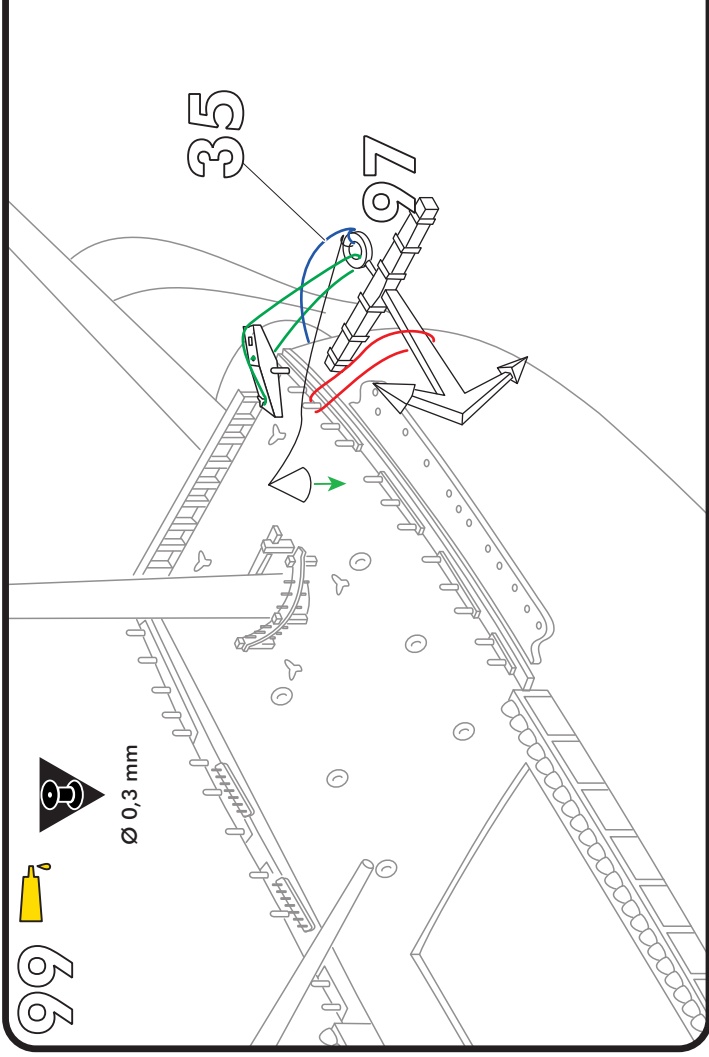
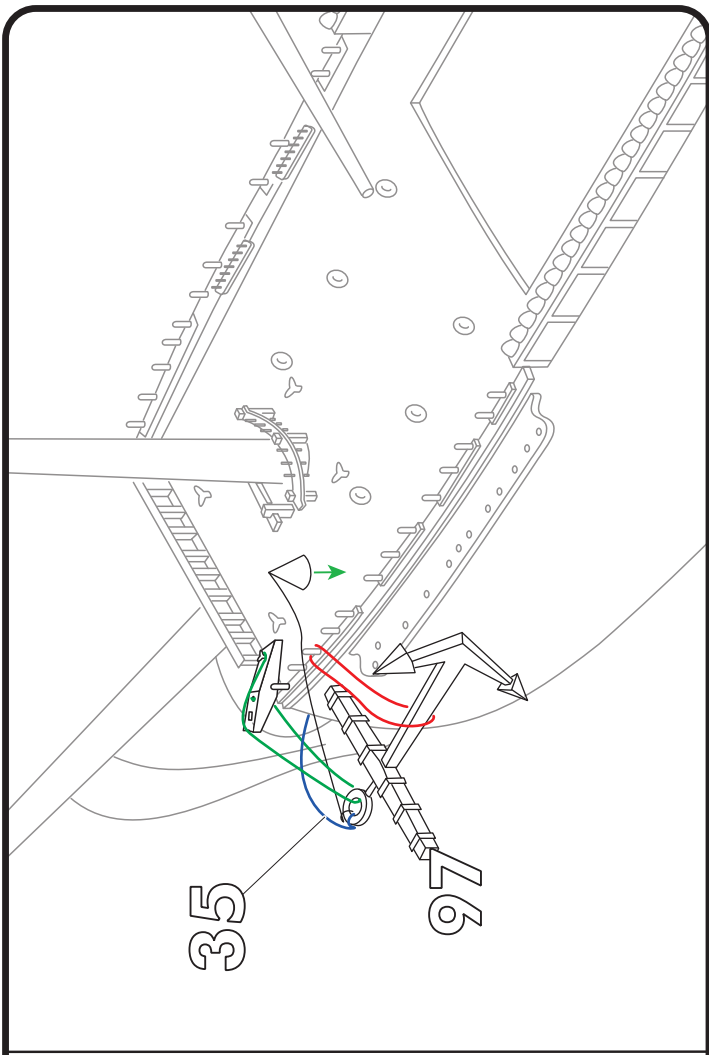
x2

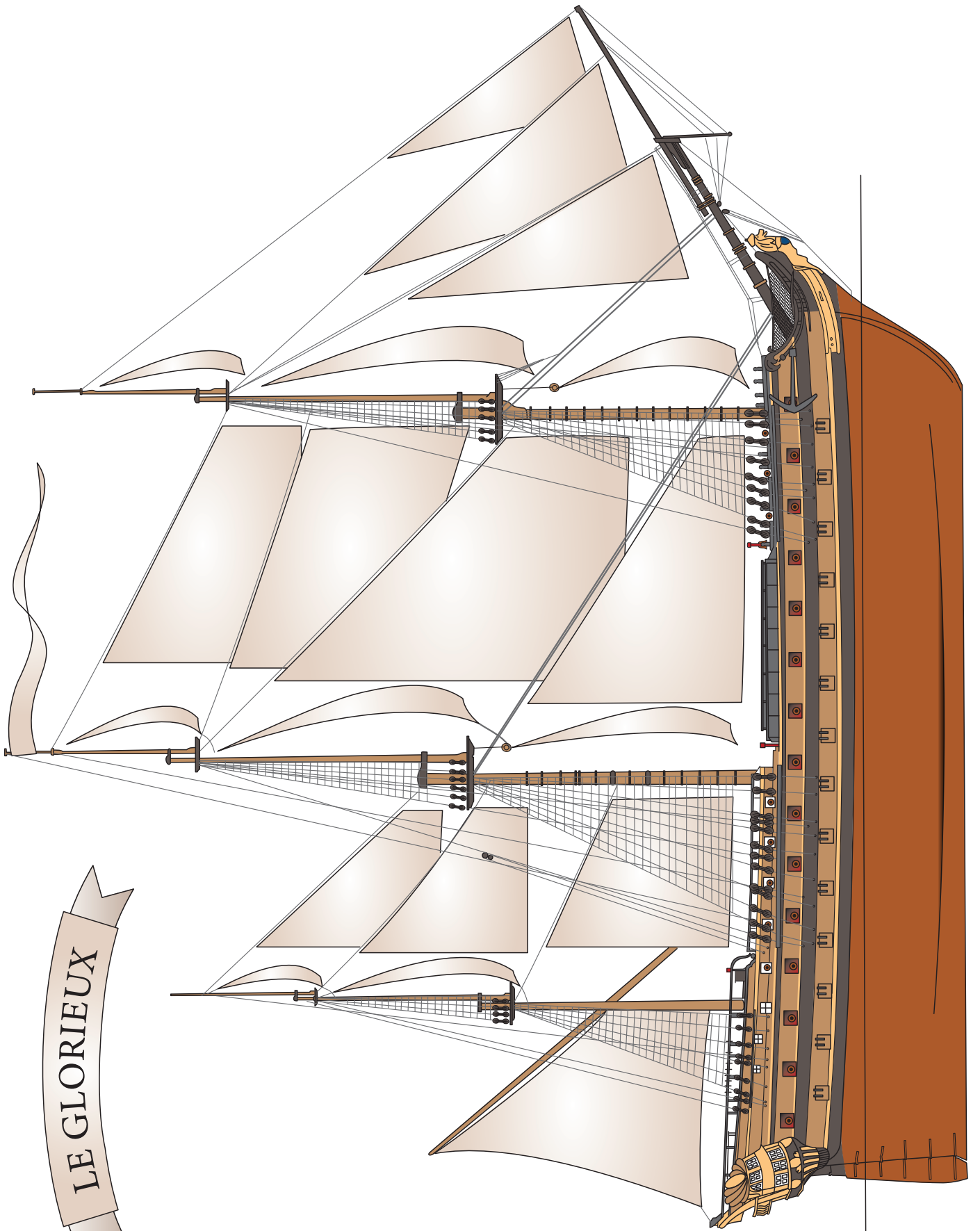
98



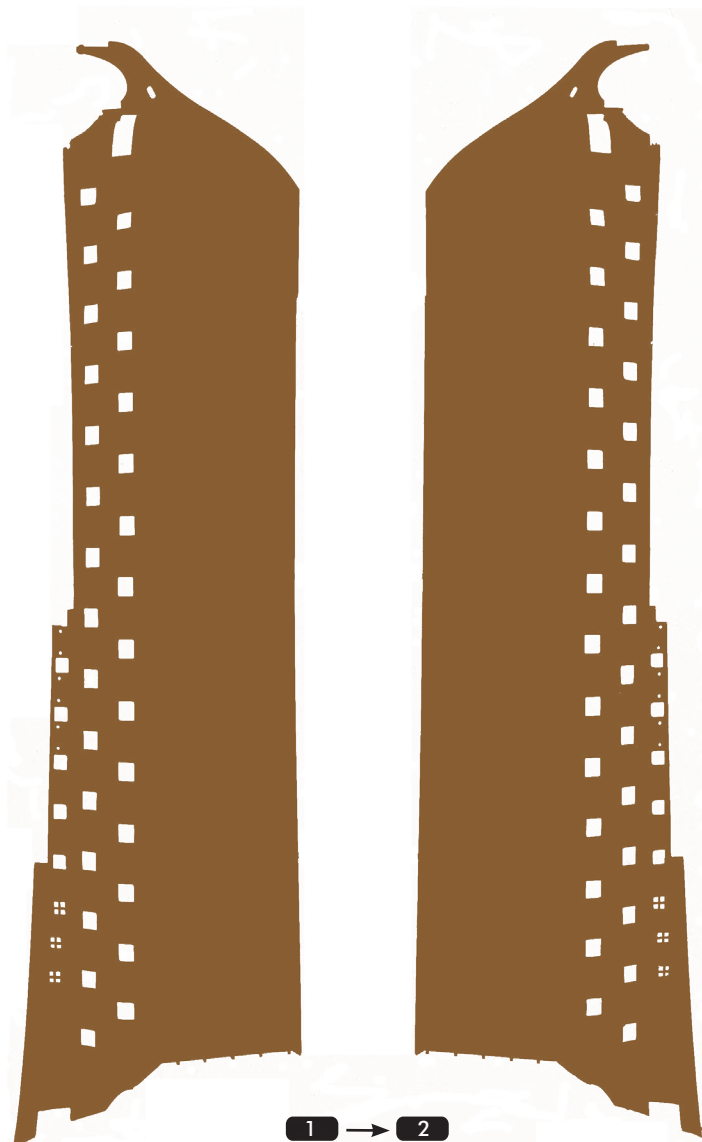
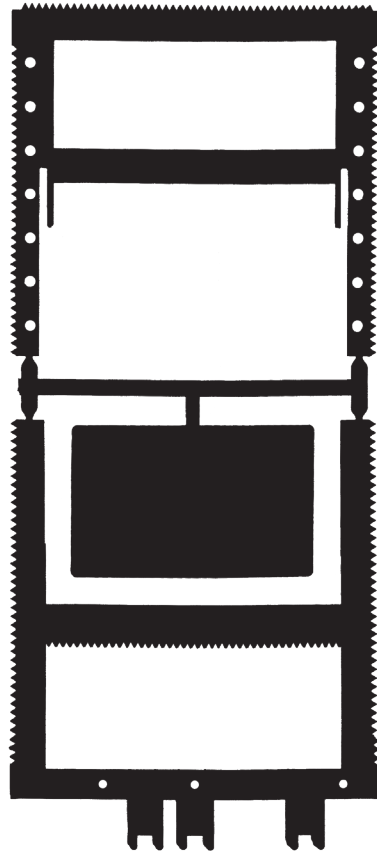
x2







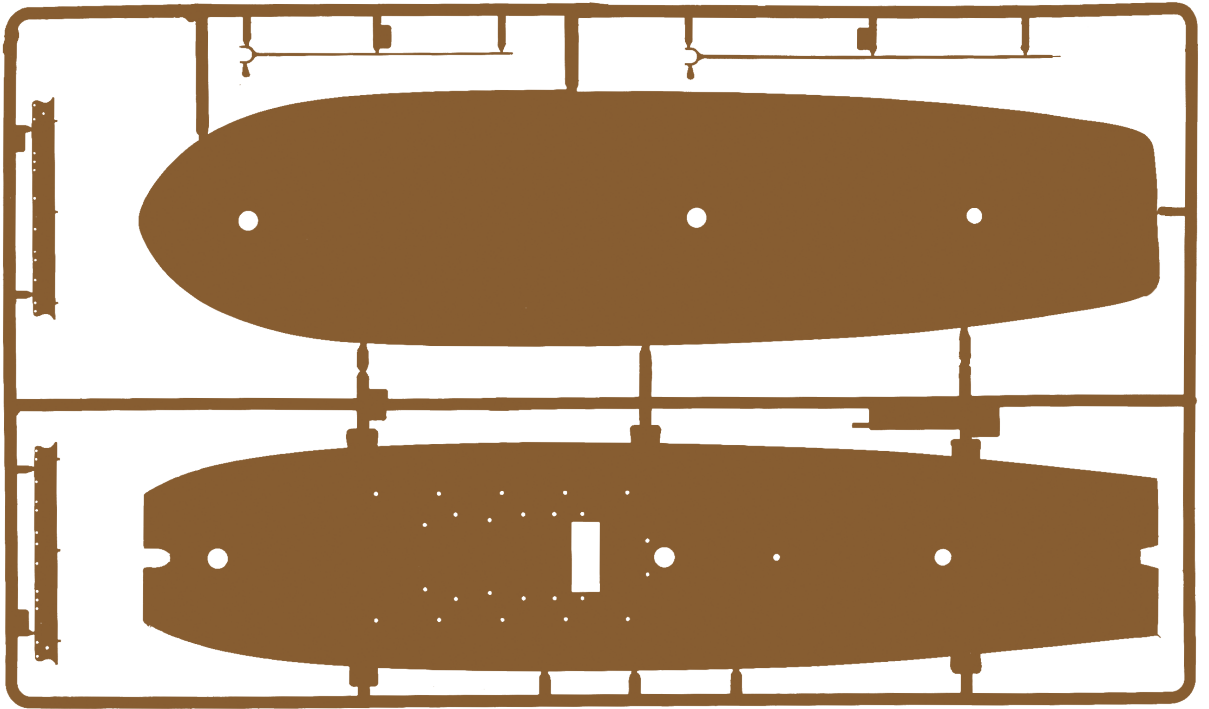
LE GLORIEUX



1 → 2

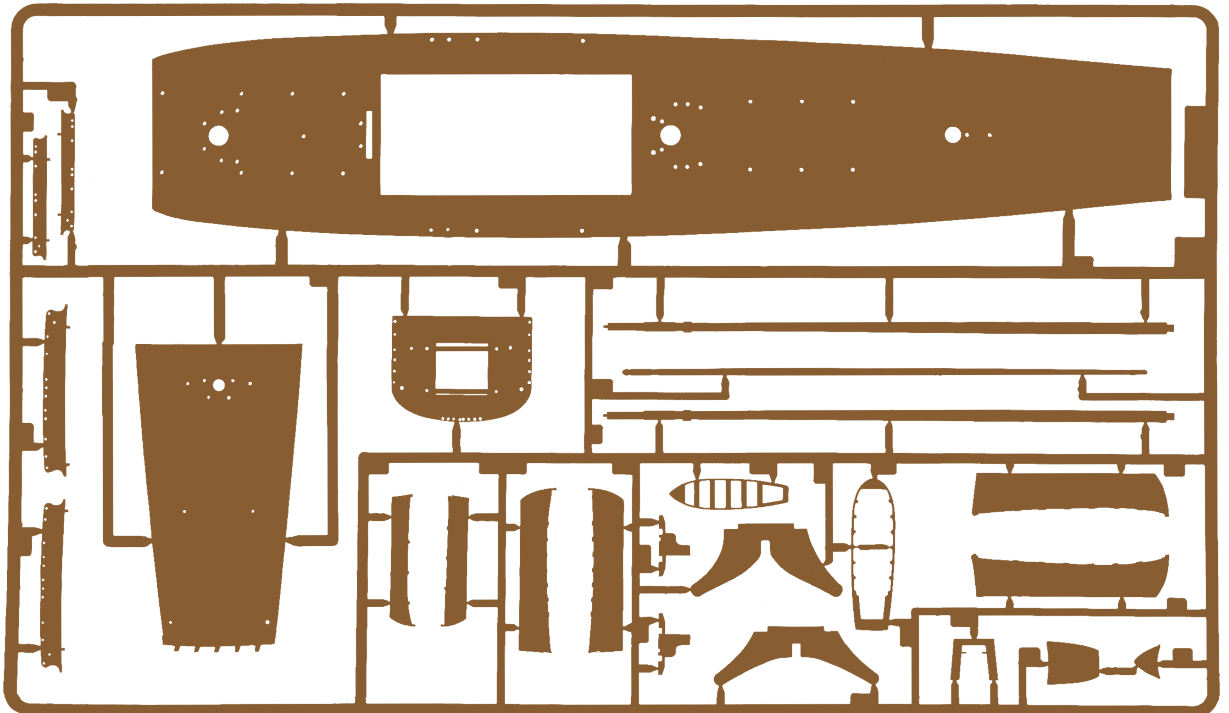
1

3 → 8



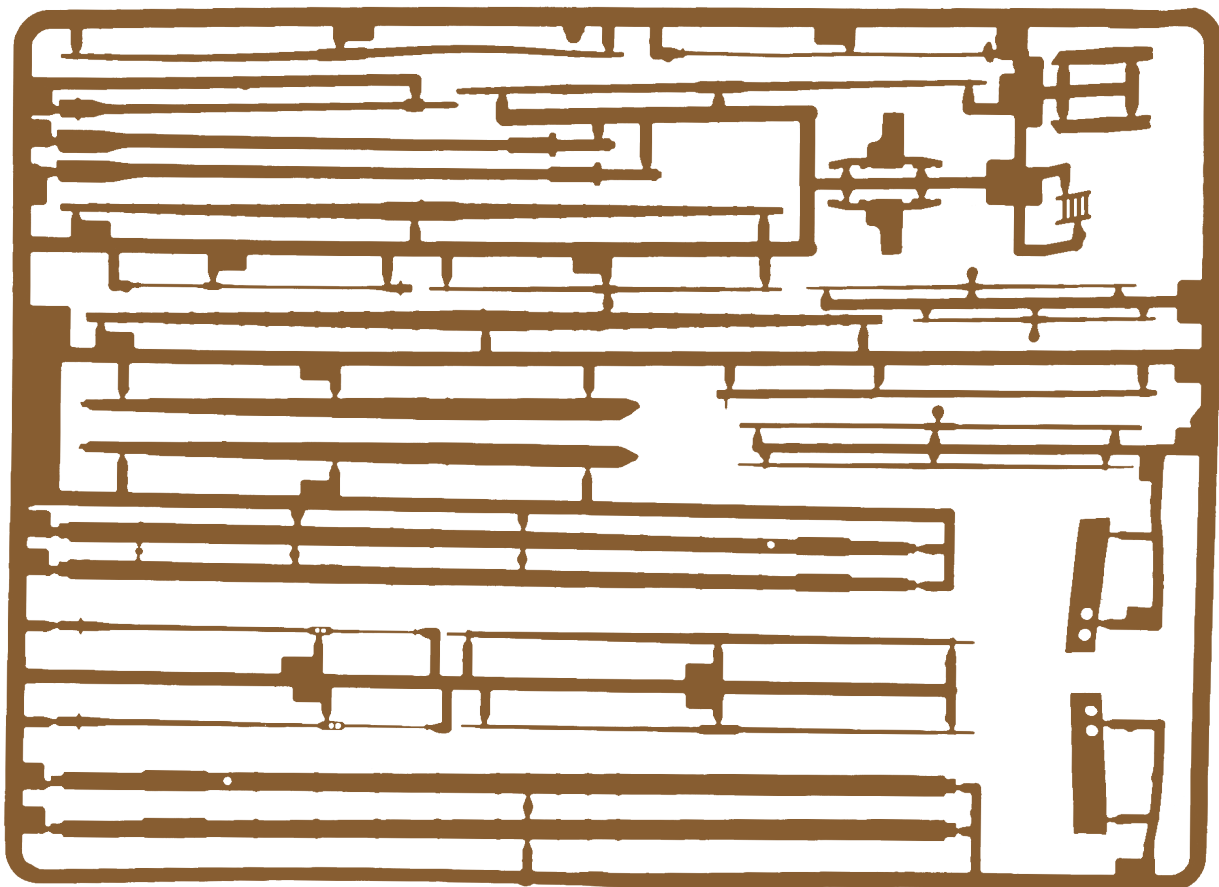
2

9 → 32



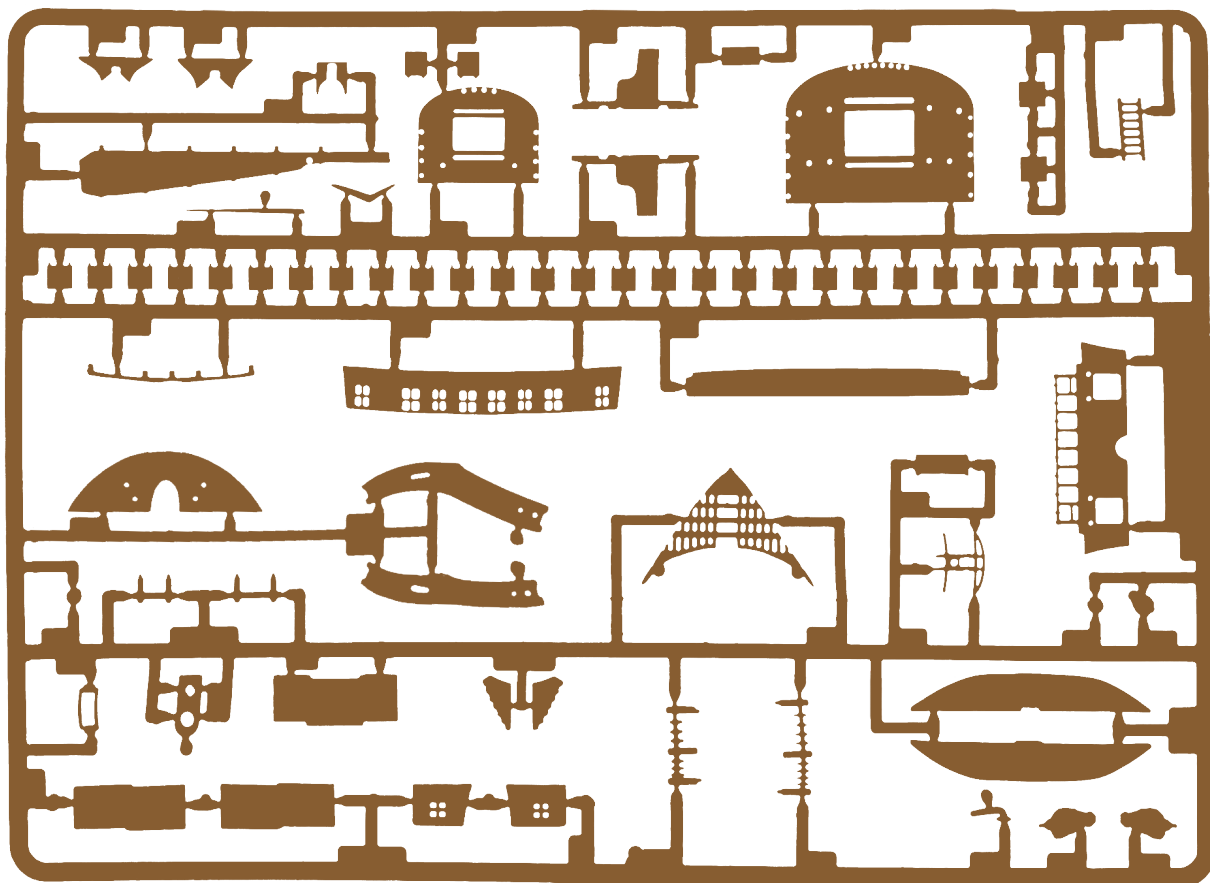
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33 → 64



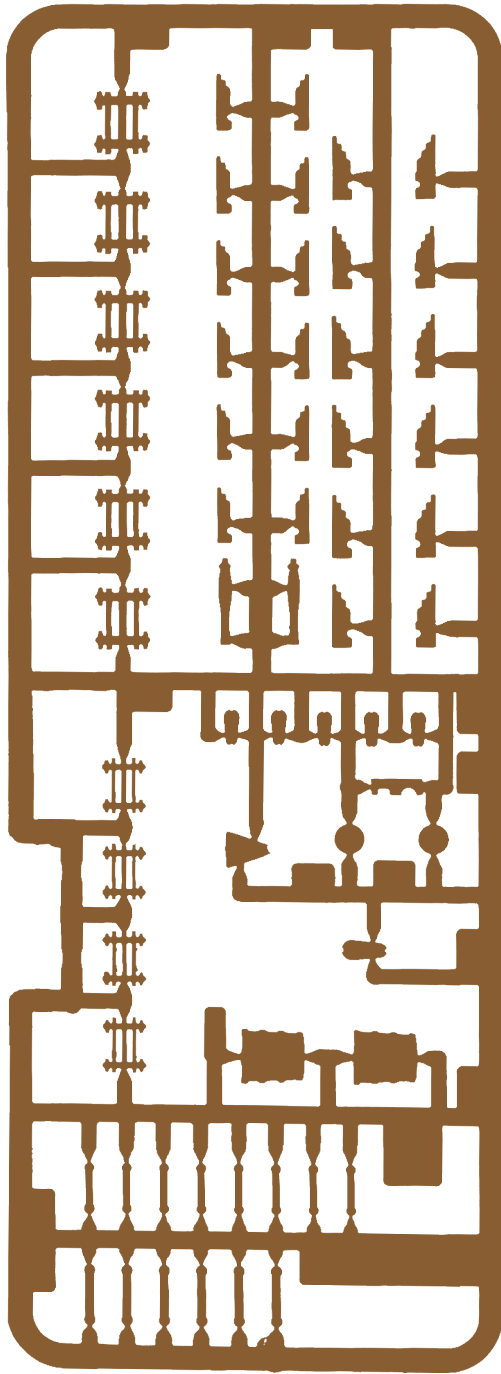
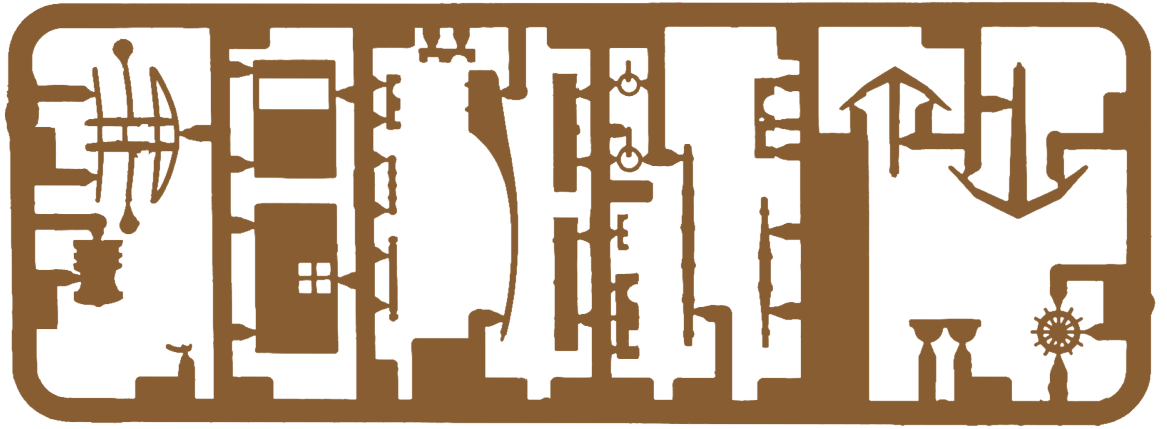
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65 → 110



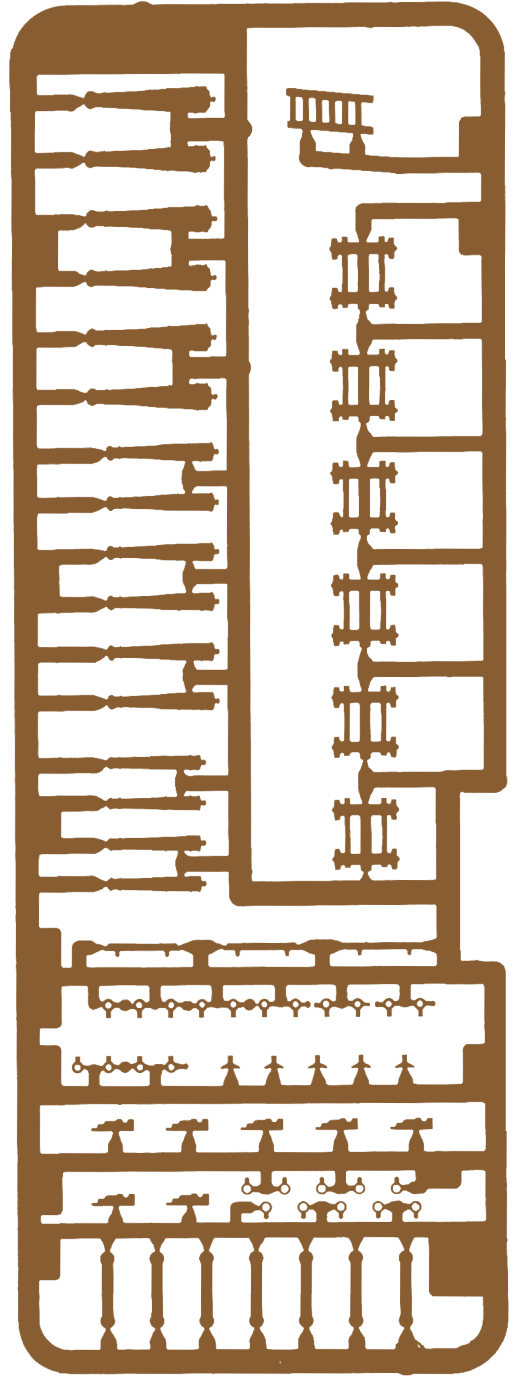
5 x2

111 → 132



6 x5

133 → 145

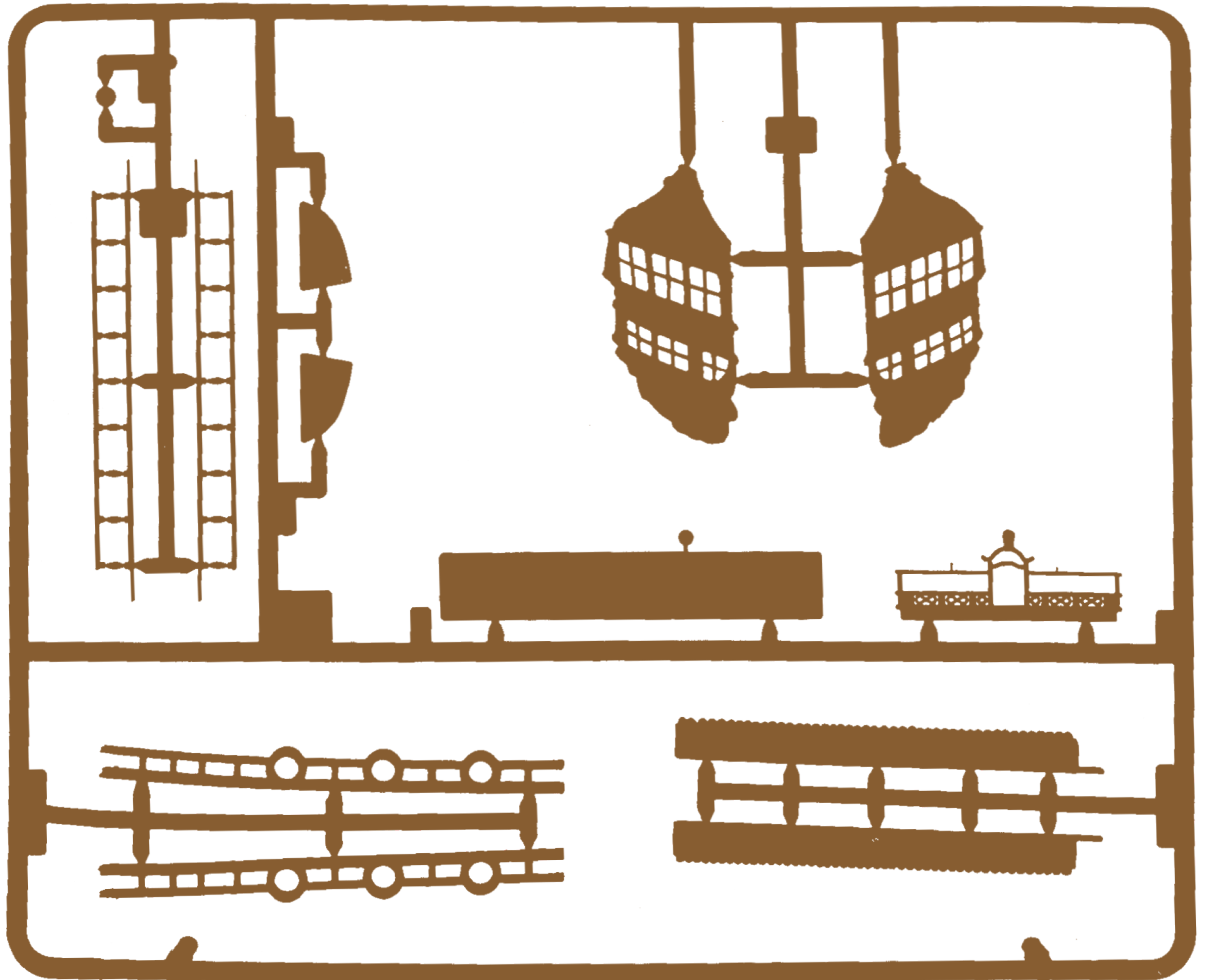


7 x5

146 → 155

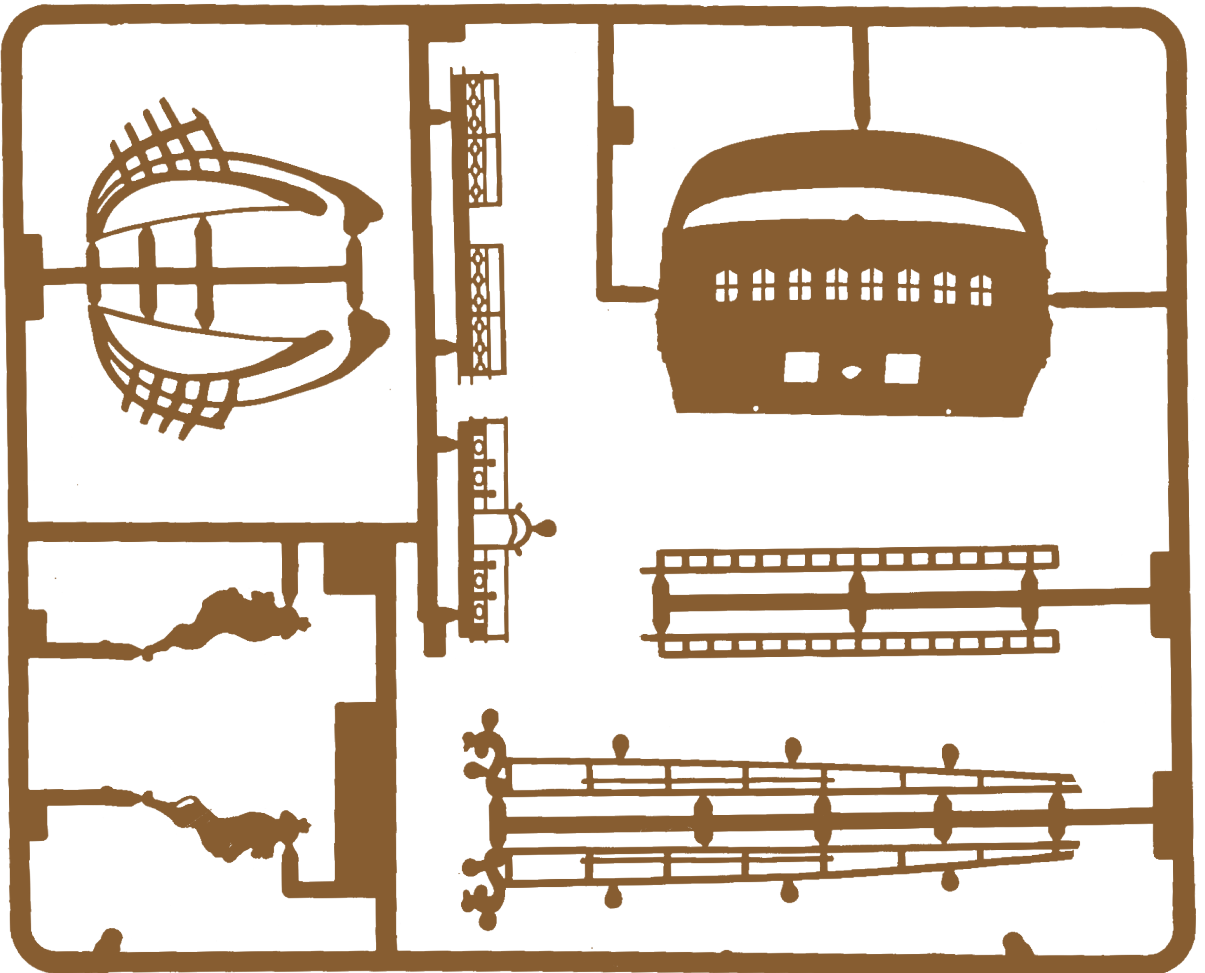
8

156 → 164



9

165 → 174



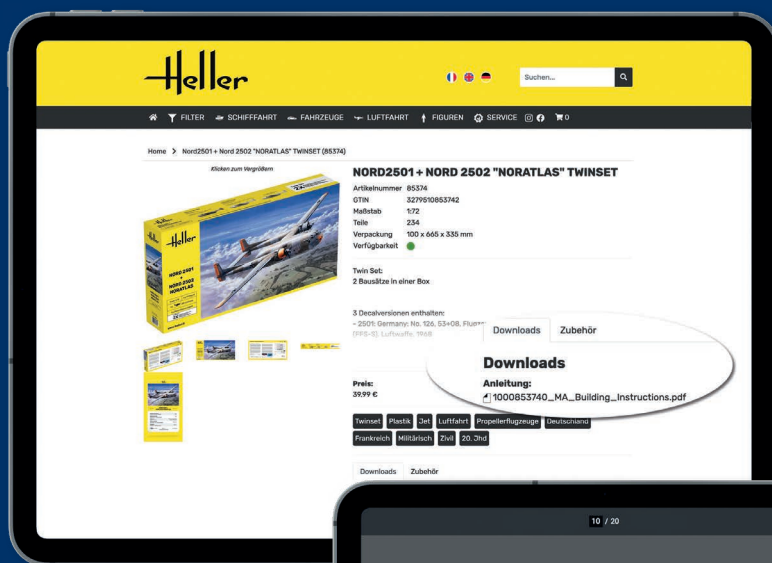
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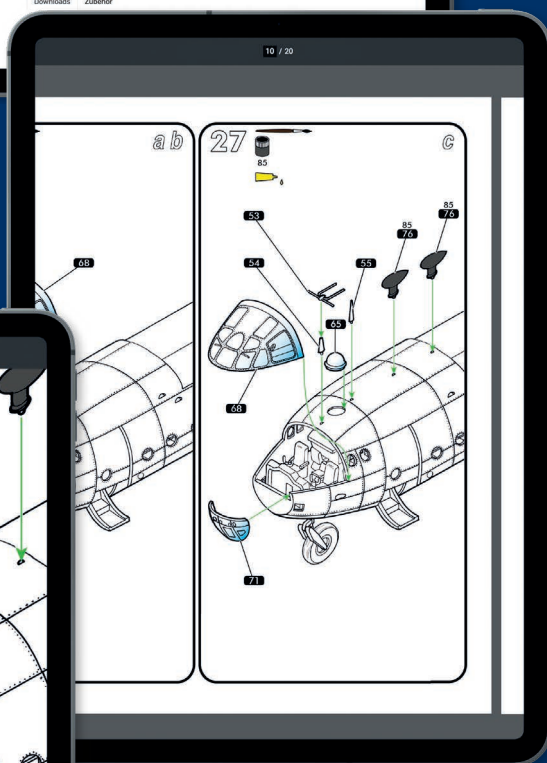
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Erlenbacher Str. 3 • 42477 Radevormwald • GERMANY

+49 (0) 2195-92773-0 info@heller.fr