

BB5005 Danmark



Designed and
made in Denmark

BUILDING INSTRUCTION

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Skoleskibet DANMARK's historie.

Den danske stats uddannelsesskib for vordende navigatører. Bygget af stål på Nakskov skibsværft A/S og udleveret i 1933. Hun er forsynet med seks vandtætte skodder, radiotelegraf og en dieselmotor med 250 hestkræfter. Desuden har hun ekkolod og fryserum. Bruttoregister tonnagen er på 777 tons. Dimensioner: Længde 65m, bredde 10m. Skrogets dybde fra dæk 6 m, og hun stikker 4,5 m under vandlinjen. Mandskabet består af: 16 over- og underofficerer, 1 kaptajn, 6 styrmænd, 1 maskinmester, 1 læge, 1 radiotelegrafist, 1 lærer, 1 hovmester, 1 kok, 1 bager, 1 tømmer, 1 sejlmager og ca. 120 elever. De skal være 15-18 år for at blive elev, og de skal have sejlet i mindst 4 måneder. For ganske få år siden, var 2 års sejlads med søgående sejlskibe en betingelse for, at man kunne erhverve bevis som styrmand. Den eneste mulighed for at undgå dette, var netop skoleskibene. Det samlede togt er på op til 10 måneder. Det deles i to afsnit; Ét om sommeren på ca. 2½ måned, og ét om vinteren på ca. 7 måneder i de sydlige farvande.

The history of the Training ship DANMARK.

This ship is owned by the Danish State and used for the training of navigators. She was built from steel by Nakskov Shipyard and was ready for delivery in 1933. She is equipped with six bulkheads of a watertight type, with wireless telegraph and a diesel engine of 250 HP. Also, she is equipped with an echo sounder and a cold storage. Gross registered tonnage is 777 tons. Dimensions: Length 65 metres, width 10 metres. Depth of hull from deck is 6 metres, and she draws 4,5 metres below the waterline. The crew is made up of 16 officers and petty officers, a captain, 6 mates, an engineer, a doctor, a wireless operator, a teacher, a steward, a cook, a baker, a carpenter, a sailmaker, and about 120 trainees. Enrolment age for the trainees is from 15-18, and they must have sailed for at least 4 months. Only a few years ago, 2 years training in sailing vessels was a requirement for the person who wanted to acquire a certificate of competency as mate. The only possibility of fulfilling this requirement was to enrol as a trainee. Each cruise lasts up to 10 months and is divided into two sections, a summer cruise lasting for about 2½ months and a half and a winter cruise lasting for about 7 months and located in the Southern Seas.

Die Geschichte des Schulschiffes DANMARK.

Das Schiff des dänischen Staates zur Ausbildung angehender Navigatoren. Sie ist bei der Nakskov Schiffswerft A/S aus Stahl gebaut und wurde im Jahre 1933 ausgeliefert. Sie ist mit sechs wasserdichten Schotten, mit Funkanlage sowie mit einem 250 PS Dieselmotor versehen. Darüber hinaus hat Sie Echolot und Gefrierräume. Der Schiffsraum beträgt 777 Bruttoregister-tonnen. Größe: Länge 65 m, Breite 10 m. Die Tiefe des Rumpfes vom Deck 6 m und Ihr Tiefgang unter Wasserlinie beträgt 4,5 m. Die Mannschaft besteht aus 16 Offizieren und das Stammpersonal aus Kapitän, 6 ersten Offizieren, 1 Maschinisten, 1 Arzt, 1 Bordfunker, 1 Lehrer, 1 Steward, 1 Koch, 1 Bäcker, 1 Zimmermann, 1 Segelmacher und ca. 120 Schüler. Man muss 15 bis 18 Jahre alt sein, und als Schüler an Bord aufgenommen zu werden und man muss mindestens 4 Monate auf einem Schiff gefahren sein. Noch vor wenigen Jahren war die Erwerbung des Zeugnisses eines ersten Offiziers durch einen 2-jährigen Dienst auf Seegängen Segelschiffen Voraussetzung. Die einzige Möglichkeit zur Erfüllung dieser Forderung waren eben die Schulschiffe. Die gesamte Fahrzeit beträgt 10 Monate, in zwei Abschnitten unterteilt eine ca. 2½ Monate Fahrt im Sommer und einer ca. 7 Monate Fahrt im Winter in den südlichen Gewässern



Historique du bateau école 'DANMARK'.

CE bateau est la propriété de l'Etat Danois. Il est utilisé pour la formation des Marins stagiaires. C'est donc un bateau école. Il a été construit par Nakskov Shipyard et complètement terminé en 1933. Sa conception est basée sur une qualité essentielle: La sécurité. La coque, construite en fer, comporte 6 compartiments étanches. Un moteur auxiliaire diesel de 250 HP équipe le bateau qui comporte également la radio (télégraphie sans fil), un sondeur d'échos et une chambre froide. Tonnage écrit sur registre de mer: 777 tonneaux. Dimensions: Longueur 65 mètres, largeur 10 mètres. Profondeur de la coque, en partant de pont: 6 mètres dont 4,5 mètres au dessus de la ligne de flottaison. L'équipage se compose de 16 officiers et quartiers maitres, 1 capitaine, 6 officiers en second, un ingénieur, un docteur, un opérateur radio, un instructeur, un steward, un cuisinier, un boulanger, un menuisier, un réparateur de voiles et environ 120 stagiaires. L'âge d'engagement pour les stagiaires varie de 15 à 18 ans. Les stagiaires doivent avoir l'expérience de plusieurs mois de navigation avant d'embarquer sur le DANMARK: Il y a seulement quelques années, 2 ans d'école sur un voilier était la condition requise pour qui voulait obtenir le grade de second. La seule possibilité pour y parvenir était de s'engager comme stagiaire. Chaque croisière dure au moins 10 mois et se divise en deux périodes: une croisière d'été durant environ 2½ mois et demi et une croisière d'hiver de 7 mois dans les mers du Sud.

Geschiedenis van de DANMARK.

De Danmark is eigendom van de Deense Staat en wordt gebruikt voor de opleiding van officieren. Zij werd van staal gebouwd op de Nakskov Scheepsverf en werd in 1933 afgeleverd. Zij is uitgerust met 6 waterdichte schotten, radio-telegraaf, echolood, een dieselmotor van 250pk en een vriesruimte. Ze meet 777 BRT. Afmetingen: Lengte 65 m, breedte 10 m, hoogte kiel/dek 6 m, en beneden de waterlijn 4,5 m. De bemanning bestaat uit de kapitein, 16 officieren en onder-officieren, 6 stuurlieden, een machinist, een dokter, een marconist, een leraar, een hofmeester, een kok, een bakker, een timmerman, een zeilmaker, een ongeveer 120 cadetten. De leeftijd van de cadetten loopt van 15-18 jaar en ze moeten tenminste 4 maanden gevaren hebben. Tot voor enige jaren was een 2 jaarlijkse opleiding op een zeilschip noodzakelijk voor die mensen die stuurman wilden worden. De enige mogelijkheid hiertoe was om als cadet in te schrijven. Ledere reis duurt max. 10 maanden en is in tweeden gedeeld, een zomerreis van ca. 2½ maanden en een winterreis van ca. 7 maanden en die door de zuidelijke oceanen voert

Table of contents for "Danmark".

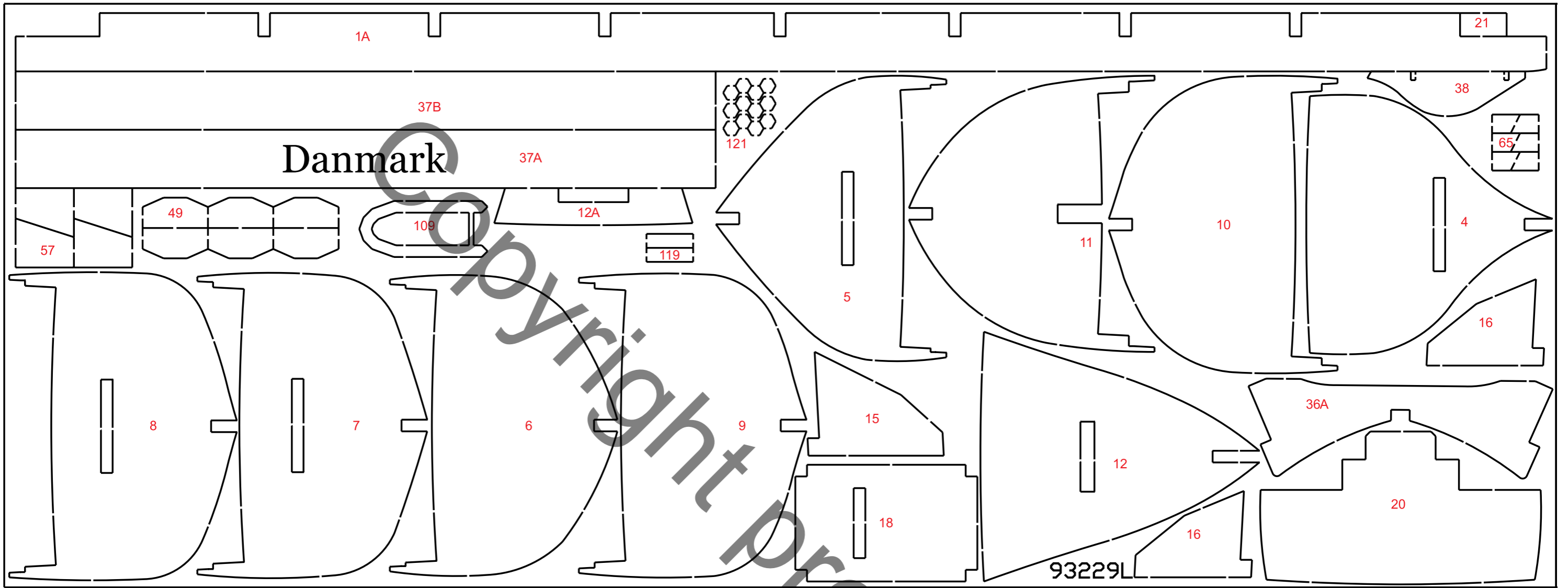
Pcs.	No.	Dimension	Material	Betegnels	Description	Bezeichnung	Description	Omschrijving
1	1A	5mm x-veneér	93229L	Køl	Keel	Kiel	Quille	Kiel
1	1B	5mm x-veneér	93230L	Agterstævn	Sternpost	Achtersteven	Pièce de proue	Achtersteven
1	1C	5mm x-veneér	93230L	Stævn	Bow	Vorsteven	Etrave	Vorsteven
1	2	5mm x-veneér	93230L	Spant	Frame	Spant	Couples	Spanten
1	3	5mm x-veneér	93230L	Spant	Frame	Spant	Couples	Spanten
1	4	5mm x-veneér	93229L	Spant	Frame	Spant	Couples	Spanten
1	5	5mm x-veneér	93229L	Spant	Frame	Spant	Couples	Spanten
1	6	5mm x-veneér	93229L	Spant	Frame	Spant	Couples	Spanten
1	7	5mm x-veneér	93229L	Spant	Frame	Spant	Couples	Spanten
1	8	5mm x-veneér	93229L	Spant	Frame	Spant	Couples	Spanten
1	9	5mm x-veneér	93229L	Spant	Frame	Spant	Couples	Spanten
1	10	5mm x-veneér	93229L	Spant	Frame	Spant	Couples	Spanten
1	11	5mm x-veneér	93229L	Spant	Frame	Spant	Couples	Spanten
1	12	5mm x-veneér	93229L	Spant	Frame	Spant	Couples	Spanten
1	12A	5mm x-veneér	93229L	Bjælkebugt	Former	Balkbögen	Traverses	Spantdelen
1	13	5mm x-veneér	93230L	Spant	Frame	Spant	Couples	Spanten
1	14	5mm x-veneér	93230L	Spant	Frame	Spant	Couples	Spanten
1	15	5mm x-veneér	93229L	Spant	Frame	Spant	Couples	Spanten
1	15	5mm x-veneér	93230L	Spant	Frame	Spant	Couples	Spanten
2	16	5mm x-veneér	93229L	Spant	Frame	Spant	Couples	Spanten
1	17	80 x 42 x 32 mm	Balsa	Balsa klods	Balsa block	Balsa block	Bloc Balsa	Balsa blok
1	18	5mm x-veneér	93229L	Hjælpestykke	Auxiliary piece	Hilfsstücke	Pièce annexe	Hulpstukken
1	19	5mm x-veneér	93230L	Hjælpestykke	Auxiliary piece	Hilfsstücke	Pièce annexe	Hulpstukken
1	20	5mm x-veneér	93229L	Skot	Bulkhead	Schott	Pont	Schot
1	20A	2mm x-veneér	93233L	Skot/agter	Bulkhead/aft	Schott/achter	Pont/arrière	Schot/achter
1	21	5mm x-veneér	93229L	Hjælpestykke	Auxiliary piece	Hilfsstücke	Pièce annexe	Hulpstukken
2	22	2mm x-veneér	93232L	Hjælpestykke	Auxiliary piece	Hilfsstücke	Pièce annexe	Hulpstukken
1	23	2mm x-veneér	93232L	Hoveddæk	Deck	Deck	Pont	Dek
1	24	2mm x-veneér	93232L	Dæk/agter	Deck/aft	Deck/Achter	Pont/arrière	Dek/achter
2	25	2mm x-veneér	93232L	Nedgang	Companion	Niedergang	Ecouteille avant/toit	Trapafgang/dak
2	26	2mm x-veneér	93233L	Skot/stævn	Bulkhead/stern	Schott/vorsteven	Pont/étrave	Schot/voorsteven
2	27	2mm x-veneér	93233L	Skot/stævn	Bulkhead/stern	Schott/vorsteven	Pont/étrave	Schot/voorsteven
1	28	2mm x-veneér	93233L	Dæk/stævn	Deck/stern	Deck/Vorsteven	Pont/étrave	Dek/voor
1	29	2mm x-veneér	93233L	Skot/stævn	Bulkhead/bow	Schott/Vorsteven	Pont/étrave	Schot/voorsteven
2	30	2mm x-veneér	93233L	Dørk/stævn	Floor/stern	Grätting/Vorschiff	Parquet/étrave	Grätting/voorsteven
2	31	2mm x-veneér	3235L	Faconbeklædning	Formed piece	Formteil	Pièce préfabriquée	Gevormd deel
2	31A	2mm x-veneér	3234L	Faconbeklædning	Formed piece	Formteil	Pièce préfabriquée	Gevormd deel
2	32	2mm x-veneér	93232L	Faconbeklædning	Formed piece	Formteil	Pièce préfabriquée	Gevormd deel
1	33	2mm x-veneér	3236L	Faconbeklædning	Formed piece	Formteil	Pièce préfabriquée	Gevormd deel
1	34	2mm x-veneér	93232L	Faconbeklædning	Formed piece	Formteil	Pièce préfabriquée	Gevormd deel
1	34 A	2mm x-veneér	93232L	Faconbeklædning	Formed piece	Formteil	Pièce préfabriquée	Gevormd deel
42	35	1,8 x 7 x 780 mm	Basswood	Liste/beklædning	Strip/planking	Leiste/Beplankung	Babuettes/bordage	Strips/beplanking
2	36 A	5mm x-veneér	93229L	Bedding	Slip	Helling	Cale	Standaard
2	36 B	5mm x-veneér	93230L	Bedding	Slip	Helling	Cale	Standaard
2	37 A	5mm x-veneér	93229L	Bedding	Slip	Helling	Cale	Standaard
2	37 B	5mm x-veneér	93229L	Bedding	Slip	Helling	Cale	Standaard
1	38	5mm x-veneér	93229L	Ror	Rudder	Ruder	Gouvernail	Roer
4	38 A	2mm x-veneér	93232L	Rorhængsel	Rudder suspension	Ruderbeschlag	Charnière de gouvernail	Roerophanging
2	39	1,8 x 2 x 550 mm	Abachi	Liste	Strip	Leiste	Baguette	Strip

7	40	0,7 x 2 x 550 mm	Annegré	Liste	Strip	Leiste	Baguette	Strip
94	41	0,7 x 3 x 550 mm	Annegré	Liste	Strip	Leiste	Baguette	Strip
2	42	2mm x-veneér	93232L	Naglebænk	Pin bench	Nägelbank	Râtelier	Nagelbank
1	43	2mm x-veneér	93232L	Naglebænk	Pin bench	Nägelbank	Râtelier	Nagelbank
2	44	2mm x-veneér	93232L	Naglebænk	Pin bench	Nägelbank	Râtelier	Nagelbank
2	45	2mm x-veneér	93232L	Naglebænk	Pin bench	Nägelbank	Râtelier	Nagelbank
2	46	2mm x-veneér	93232L	Naglebænk	Pin bench	Nägelbank	Râtelier	Nagelbank
1	47	2mm x-veneér	93232L	Naglebænk	Pin bench	Nägelbank	Râtelier	Nagelbank
2	48	5mm x-veneér	93230L	Skylight, opbygning	Skylight, structure	Oberlicht, Aufbau	Claire voie, structure	Bovenlicht, opbouw
6	49	5mm x-veneér	93229L	Skylight, opbygning	Skylight, structure	Oberlicht, Aufbau	Claire voie, structure	Bovenlicht, opbouw
4	50	3mm x-veneér	3331L	Ventil/sokkel	Vent/tube	Lüfter/rohr	Manche á air/tube	Luchtkoker/buis
2	51	2mm x-veneér	93233L	Kahyt/ende	Cabin/end	Kajüte/ende	Cabine/bout	Kajuit/eind
1	52	2mm x-veneér	93233L	Kahyt/side	Cabin/side	Kajüte/Seite	Cabine/côté	Kajuit/zijde
1	53	2mm x-veneér	93233L	Kahyt/side	Cabin/side	Kajüte/Seite	Cabine/côté	Kajuit/zijde
1	54	2mm x-veneér	93233L	Kahyt/tag	Cabin/roof	Kajüte/Dach	Cabine/toit	Kajuit/dak
2	55	5mm x-veneér	93230L	Klods	Block	Klotz	Poulie	Blok
1	56	2mm x-veneér	93233L	Kasse/låg	Box/cover	Kasten/Deckel	Caisse/couvercle	Kist/deksel
4	57	5mm x-veneér	93229L	Nedgang	Companion	Niedergang	Ecoutille avant/toit	Trapafgang/dak
1	58	2mm x-veneér	93233L	Nedgang/tag	Companion/roof	Niedergang/Dach	Ecoutille avant	Trapafgang
1	59	2mm x-veneér	93233L	Nedgang/luge	Companion/hatch	Niedergang/Luke	Ecoutille	Trapafgang/luik
6	60	5mm x-veneér	93230L	Ventil/sokkel	Vent/tube	Lüfter/rohr	Manche á air/tube	Luchtkoker/buis
1	61	2mm x-veneér	93233L	Kahyt/side	Cabin/side	Kajüte/Seite	Cabine/côté	Kajuit/zijde
1	62	2mm x-veneér	93232L	Kahyt/ende	Cabin/end	Kajüte/Ende	Cabine/bout	Kajuit/eind
1	63	2mm x-veneér	93233L	Kahyt/ende	Cabin/end	Kajüte/Ende	Cabine/bout	Kajuit/eind
1	64	2mm x-veneér	93233L	Kahyt/tag	Cabin/roof	Kajüte/Dach	Cabine/toit	Kajuit/dak
6	65	5mm x-veneér	93229L	Skylight, opbygning	Skylight, structure	Oberlicht, Aufbau	Claire voie, structure	Bovenlicht, opbouw
5	66	5mm x-veneér	93230L	Skylight, opbygning	Skylight, structure	Oberlicht, Aufbau	Claire voie, structure	Bovenlicht, opbouw
2	67	5mm x-veneér	93230L	Skylight, opbygning	Skylight, structure	Oberlicht, Aufbau	Claire voie, structure	Bovenlicht, opbouw
2	68	2mm x-veneér	93232L	Kahyt/side	Cabin/side	Kajüte/Seite	Cabine/côté	Kajuit/zijde
1	69	2mm x-veneér	93233L	Kahyt/ende	Cabin/end	Kajüte/Ende	Cabine/bout	Kajuit/eind
1	70	2mm x-veneér	93233L	Kahyt/ende	Cabin/end	Kajüte/Ende	Cabine/bout	Kajuit/eind
1	71	2mm x-veneér	93233L	Kahyt/tag	Cabin/roof	Kajüte/Dach	Cabine/toit	Kajuit/dak
1	72	5mm x-veneér	93230L	Klods	Block	Klotz	Poulie	Blok
2	73	2mm x-veneér	93233L	Bro/bund	Bridge/bottom	Komm.brücke/boden	Passerelle/fond	Comm.brug/bodem
2	74	2mm x-veneér	93233L	Bro/side	Bridge/side	Komm.brücke/seite	Passerelle/côté	Comm.brug/zijde
2	75	2mm x-veneér	93233L	Bro/side	Bridge/side	Komm.brücke/seite	Passerelle/côté	Comm.brug/zijde
2	76	2mm x-veneér	93233L	Bro/side	Bridge/side	Komm.brücke/seite	Passerelle/côté	Comm.brug/zijde
2	77	2mm x-veneér	93233L	Bro/side	Bridge/side	Komm.brücke/seite	Passerelle/côté	Comm.brug/zijde
2	78	2mm x-veneér	93233L	Bro/side	Bridge/side	Komm.brücke/seite	Passerelle/côté	Comm.brug/zijde
1	79	2mm x-veneér	93233L	Gelænder	Rail	Geländer	Bastingage	Railing
1	80	2mm x-veneér	93233L	Gelænder	Rail	Geländer	Bastingage	Railing
2	81	2mm x-veneér	93233L	Gelænder	Rail	Geländer	Bastingage	Railing
12	82	2mm x-veneér	93232L	Redningsflåde/holder	Liferaft/support	Rettungsinsel/stützen	Radeau de sauvetage/support	Reddingsvlot/steunen
1	83	2mm x-veneér	93233L	Overdæk	Upperdeck	Oberdeck	Pont supérieur	Bovendek
1	84	2mm x-veneér	93233L	Støtte	Support	Stützen	Support	Steunen
2	85	2mm x-veneér	93232L	Støtte	Support	Stützen	Support	Steunen
2	86	8 x 8 x 58mm	Basswood	Skorsten	Funnel	Schornstein	Cheminée	Schoorsteen
1	87	2mm x-veneér	93233L	Skorsten/top	Funnel/top	Schornstein/Top	Cheminée/Haut	Schoorsteen/Top
2	88 A	2mm x-veneér	93233L	Overdæk	Upperdeck	Oberdeck	Pont supérieur	Bovendek
2	88 B	2mm x-veneér	93233L	Overdæk	Upperdeck	Oberdeck	Pont supérieur	Bovendek
4	89	2mm x-veneér	93232L	Støtte	Support	Stützen	Support	Steunen

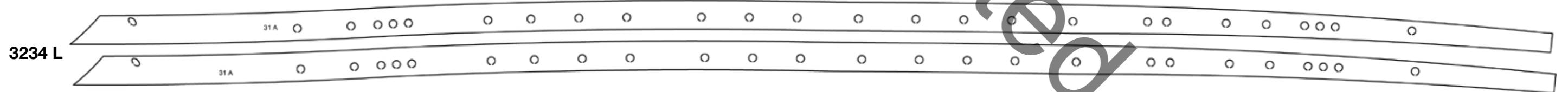
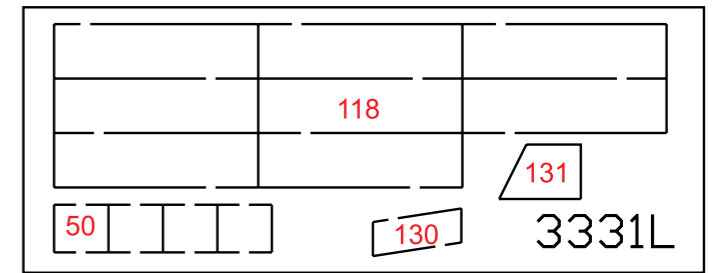
6	90	2mm x-veneér	93232L	Redningsflåde/holder	Liferaft/support	Rettungsinsel/stützen	Radeau de sauvetage/support	Reddingsvlot/steunen
2	91	5mm x-veneér	93230L	Luge	Hatch	Luke	Ecoutille	Luik
1	92	2mm x-veneér	93233L	Luge	Hatch	Luke	Ecoutille	Luik
1	93	4 x 4 x 300 mm	Basswood	Liste	Strip	Leiste	Baguette	Strip
1	94	Ø2 x 155 mm	Basswood	Rundstok	Round stick	Rundstab	Baguette ronde	Rondhout
2	96	2mm x-veneér	93232L	Liste/ræling	Strips/rail	Leiste/Reling	Baguette/bastingage	Strip/reling
2	98 A	2mm x-veneér	93232L	Mærs	Top	Mars	Hune	Top
2	98 B	2mm x-veneér	93232L	Mærs	Top	Mars	Hune	Top
2	98 C	2mm x-veneér	93232L	Mærs	Top	Mars	Hune	Top
2	98 D	2mm x-veneér	93232L	Mærs	Top	Mars	Hune	Top
1	99 A	2mm x-veneér	93232L	Mærs	Top	Mars	Hune	Top
1	99 B	2mm x-veneér	93232L	Mærs	Top	Mars	Hune	Top
2	99 C	2mm x-veneér	93232L	Mærs	Top	Mars	Hune	Top
2	99 D	2mm x-veneér	93232L	Mærs	Top	Mars	Hune	Top
2	100	2mm x-veneér	93232L	Motorbåd/støtte	Motorboat/Support	Motorboot/Stützen	Canot à moteur/Support	Motorboot/Steunen
2	101	2mm x-veneér	93232L	Kran/beslag	Crane/Fitting	Kran/Beschlag	Grue/Garniture	Kraan/beslag
10	102	2mm x-veneér	93232L	Kran/beslag	Crane/Fitting	Kran/Beschlag	Grue/Garniture	Kraan/beslag
2	103	2mm x-veneér	93232L	Kran	Crane	Kran	Grue	Kraan
2	104	2mm x-veneér	93232L	Gummibåd/støtte	Rubberboat/Support	Schlauchboot/Stützen	Canot pneumatque/Support	Rubberboot/Steunen
1	105	2mm x-veneér	93232L	Svingkran	Slewing crane	Schwingkran	Grue tournante	Draaikraan
1	106	2mm x-veneér	93232L	Svingkran, skive	Slewing crane/Disc	Schwingkran/Scheibe	Grue tournante/Tranche	Draaikraan/Sneetje
1	107	Ø6 x 150 mm	Basswood	Rundstok	Round stick	Rundstab	Baguette ronde	Rondhout
1	108	2mm x-veneér	93232L	Gummibåd/bund	Rubberboat/Bottom	Schlauchboot/Boden	Canot pneumatque/Bas	Rubberboot/Onderkant
1	109	5mm x-veneér	93229L	Gummibåd/top	Rubberboat/Top	Schlauchboot/Top	Canot pneumatque/Haut	Rubberboot/Top
2	110	2mm x-veneér	93232L	Gummibåd/motor	Rubberboat/Engine	Schlauchboot/Motor	Canot pneumatque/Moteur	Rubberboot/Motor
1	111	1mm x-veneér	93231L	Motorbåd/dæk	Motorboat/Deck	Motorboot/Deck	Canot à moteur/Deck	Motorboot/Dek
2	112	1mm x-veneér	93231L	Vinduesrammer	Window frames	Fensterrahmen	Encadrements de fenetres	Raamlijsten
2	113	1mm x-veneér	93231L	Vinduesrammer	Window frames	Fensterrahmen	Encadrements de fenetres	Raamlijsten
1	114	1mm x-veneér	93231L	Vinduesrammer	Window frames	Fensterrahmen	Encadrements de fenetres	Raamlijsten
1	115	1mm x-veneér	93231L	Kant	Edge	Kante	Bord	Rand
2	116	1mm x-veneér	93231L	Stige	Ladder	Leiter	Échelle	Ladder
2	117	2mm x-veneér	93233L	Kasse	Box	Kasten	Caisse	Kist
8	118	3mm x-veneér	3331L	Kasse	Box	Kasten	Caisse	Kist
2	119	5mm x-veneér	93229L	Kasse	Box	Kasten	Caisse	Kist
1	120	Ø2 x 49 mm	Brass	Messingrør	Brass tube	Messingrohr	Tube de laiton	Messingbuis
12	121	5mm x-veneér	93229L	Ventil/top	Vent/top	Lüfter/top	Manche à air/tête	Luchtkoker/top
1	124			Acetat	Acetate	Azetat	Rhodoit	Acetaat
1	125	Ø4 x 160mm	Basswood	Ventil/sokkel	Vent/tube	Lüfter/rohr	Manche à air/tube	Luchtkoker/buis
1	126	2mm x-veneér	93232L	Nedgang	Companion	Niedergang	Ecoutille avant/toit	Trapafgang/dak
1	127	1mm x-veneér	93231L	Skylight, opbygning	Skylight, structure	Oberlicht, Aufbau	Claire voie, structure	Bovenlicht, opbouw
2	128	2mm x-veneér	93232L	Skylight, opbygning	Skylight, structure	Oberlicht, Aufbau	Claire voie, structure	Bovenlicht, opbouw
2	129	2mm x-veneér	93232L	Kasse	Box	Kasten	Caisse	Kist
1	130	3mm x-veneér	3331L	Luge	Hatch	Luke	Ecoutille	Luik
1	131	3mm x-veneér	3331L	Skylight, opbygning	Skylight, structure	Oberlicht, Aufbau	Claire voie, structure	Bovenlicht, opbouw
1	132	Ø8x300mm(F692)	Basswood	Rundstok	Roundstick	Rundstab	Baguette ronde	Rondhout
1	M 0	4 x 140 mm	Basswood	Mast	Masts	Masten	Mâts	Masten
2	M 1	4 x 180 mm	Basswood	Mast	Masts	Masten	Mâts	Masten
1	M 2	5 x 240 mm	Basswood	Mast	Masts	Masten	Mâts	Masten
2	M 3	6 x 180 mm	Basswood	Mast	Masts	Masten	Mâts	Masten
2	M 4	6 x 235 mm	Basswood	Mast	Masts	Masten	Mâts	Masten
2	M 6	8 x 260 mm	Basswood	Mast	Masts	Masten	Mâts	Masten

1	R 0	Ø3 x 155mm	Basswood	Ræer	Stays	Rahen	Vergues	Stengen
6	R 1	Ø3 x 140mm	Basswood	Ræer	Stays	Rahen	Vergues	Stengen
1	R 2	Ø4 x 180mm	Basswood	Ræer	Stays	Rahen	Vergues	Stengen
4	R 3	Ø4 x 180mm	Basswood	Ræer	Stays	Rahen	Vergues	Stengen
1	R 4	Ø4 x 225mm	Basswood	Ræer	Stays	Rahen	Vergues	Stengen
3	R 5	Ø4 x 225mm	Basswood	Ræer	Stays	Rahen	Vergues	Stengen
2	R 6	Ø5 x 250mm	Basswood	Ræer	Stays	Rahen	Vergues	Stengen
2	R 7	Ø5 x 280mm	Basswood	Ræer	Stays	Rahen	Vergues	Stengen
2	F1	ø8x11,5mm		Lanterne	Lantern	Lanterne	Lanterne	Boordlichten
2	F17	20mm		Bombeslag	Barfitting	Baumbeschlag	Garniture de bôme	Lummel
97	F21	ø2x21mm		Vantskrue	Turnshoud	Wantschrauben	Rodoirs	Wantspanners
1	F22	Ø0,3 x 2500mm		Kobbertråd	Copperwire	Kupferdraht	Fil de cuivre	Koperdraad
1	F22A	Ø0,5 x 2500mm		Kobbertråd	Copperwire	Kupferdraht	Fil de cuivre	Koperdraad
2	F28			Ventil	Vent	Lüfter	Manche à air	Luchtkok
14	F39	Ø1x250mm		Messingtråd	Brasswire	Messingdraht	Fil de laiton	Messingdraad
6	F41	12mm		Klyds	Fairlead	Verholklüse	Chaumard	Verhaalklamp
1	F45	ø30x9mm		Skrue	Propeller	Schiffsschraube	Arbre porte-hélice	Schoef
3	F51	ø24mm		Rat	Wheel	Steuerrad	Roue	Stuurwiel
1	F52	ø9mm		Nathus	Binnacle	Kompasshaus	Habitacle	Kompashuis
136	F54	8mm		Kofilnagel	Belaying pin	Belegnägel	Cabillots	Korvijnagel
2	F56	ø5x5,5mm		Klokke	Bell	Glocke	Cloche	Scheepsbel
3	F57	35mm		Anker	Anchor	Anker	Ancre	Anker
1 set	F58			Galionsfigur	Figurehead	Galionsfigur	Figure de proue	Boegbeeld
1	F59	20mm		Nathus	Binnacle	Kompasshaus	Habitacle	Kompashuis
1	F61			Svingkran	Crane	Kran	Grue	Kraan
1	F68	ø4x13mm		Maskintelegraf	Engine room telegraph	Maschinentelegraph	Commande de machine	Machinekamertelegraaf
1	F70	150 m		Rigningstråd	Rigging thread	Takelgarn	Fil de grément	Takelgaren
1	F71	75 m		Rigningstråd	Rigging thread	Takelgarn	Fil de grément	Takelgaren
1	F76	78cm		Ankerkæde	Anchor chain	Anker kette	Chaîne	Ketting
1	F100	ø4x5mm		Lanterne	Lantern	Lanterne	Lanterne	Boordlichten
23	F106	ø4mm		Pullert	Bollard	Poller	Bitte	Bolder
6	F136	12x12mm		Redningsbælte	Lifebelt	Retningsring	Ceintures de sauvetage	Reddingsgordel
100	F145	14mm		Gelænderstøtte	Railstanchions	Relingstützen	Chandeliers	Railingpalen
2	F168	15x26x78mm		Redningsbåd	Lifeboat	Retningsboot	Chaloupe ponte	Reddingsboot
5	F181	60mm		Lejder	Ladder	Leiter	Echelle	Ladder
2	F190	ø6,5mm		Ankerklyds	Anchor fairlead	Ankerscheibgätt	Ecubier de l'ancre	Verhaalklamp
20	F230	ø0,8x7mm		Søm	Pins	Nägel	Clous	Spijkertjes
1	F233-1	95mm		Redningsbåd	Lifeboat	Retningsboot	Chaloupe ponte	Reddingsboot
1	F272			Spil	Winch	Winde	Treuil	Winch
1	F274			Bovsprydbeslag	Cap w/ martingale	Bugsprideselshaupt	Sous barbe de martingale	Ezelshoofd m. sp. Ruitter
16	F285	5,5mm		Øjebolt	Eyebolt	Augenbolzen	Pitons	Oogbouten
1	F291	ø5mm		Wirerulle	Wire reel	Wire rolle	Devidoir	Katrol
14	F317	ø4x2mm		Kooje	Portlight	Bullaugen	Hublots	Patrijspoort
1	F327	50cm		Ankerkæde	Anchor chain	Anker kette	Chaîne	Ketting
2	F330	ø1x10mm		Søm	Pins	Nägel	Clous	Spijkertjes
2	F348	9mm		Klampe	Cleats	Klampen	Taquets	Kikkers
4	F374	ø4mm		Rulle	Reel	Rollen	Dévidoirs	Rollen
4	F375	ø6mm		Rulle	Reel	Rollen	Dévidoirs	Rollen
3	F378	ø4x1,5mm		Mastetop	Masthead	Masttop	Tête de mât	Masttop
2	F444	ø10x11mm		Kapstan	Capstan	Kapstan	Cabestan	Gangspil
35	F447	18mm		Vantskrue	Turnshoud	Wantschrauben	Rodoirs	Wantspanners

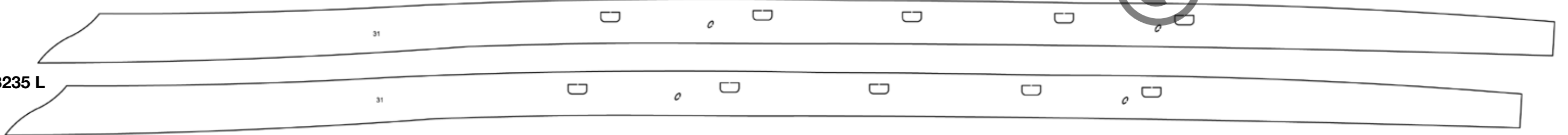
15	F498	11x22mm		Råbeslag	Yard fitting	Beschalg für Rahe	Garniture de vergues	Rabeslag
6	F499	ø3x8,5mm		Råbeslag	Yard fitting	Beschalg für Rahe	Garniture de vergues	Rabeslag
9	F501	ø4mm		Ring	Hoop	Ring	Cercle	Ring
26	F502	ø5x3mm		Ring	Hoop	Ring	Cercle	Ring
13	F503	ø6x3mm		Ring	Hoop	Ring	Cercle	Ring
1	F504	ø7mm		Ring	Hoop	Ring	Cercle	Ring
4	F511			David	Davit	Davit	Bossoir	Davit
2	F514	ø2x58mm		David	Davit	Davit	Bossoir	Davit
1	F527	15x2mm		Mastebeslag	Mast fitting	Mastbeschlag	Garniture de mât	Mastbeslag
1	F528	13x2mm		Mastebeslag	Mast fitting	Mastbeschlag	Garniture de mât	Mastbeslag
2	F529	11x2mm		Mastebeslag	Mast fitting	Mastbeschlag	Garniture de mât	Mastbeslag
4	F530	9x2mm		Mastebeslag	Mast fitting	Mastbeschlag	Garniture de mât	Mastbeslag
3	F531	7x2mm		Mastebeslag	Mast fitting	Mastbeschlag	Garniture de mât	Mastbeslag
86	F537	25mm		Røstjern	Chain plate	Putting	Cadene	Putting
10	F546	14mm		Pullert/underlag	Bollard/support	Poller/Unterlag	Bitte/socle	Bolder/console
1	F547	Ø3x250mm		Messingrør	Brass tube	Messingrohr	Tube de laiton	Messingbuis
22	F561	ø2x14mm		Stolpe/naglebænk	Post/pin bench	Socket/nagelbank	Socle/ratelier	Socket/nagelbank
1	F567	14mm		Bøjle	Yoke	Bügel	Potence	Beugel
4	F577	ø3x3,5mm		Pullert	Bollard	Poller	Bitte	Bolder
2	F578	10x4mm		Pullert/underlag	Bollard/support	Poller/Unterlag	Bitte/socle	Bolder/console
40	F663	Ø0,8 x 250mm		Messingtråd	Brasswire	Messingdraht	Fil de laiton	Messingdraad
1	F663-10	Ø0,8 x 100mm		Messingtråd	Brasswire	Messingdraht	Fil de laiton	Messingdraad
77	F664	11mm	Copper	Øjebolt	Eyebolt	Augenbolzen	Pitons	Oogbouten
2	F685	ø9x3mm		Ventil/top	Vent/top	Lüfter/top	Manche à air/tête	Luchtkoker/top
2	F686	ø4x21mm		Ventil/sokkel	Vent/tube	Lüfter/rohr	Manche à air/tube	Luchtkoker/buis
2	F689	ø6x21mm		Kompas	Compass	Kompass	Boussole	Kompas
225	F697	5mm		Blok/enkelt	Block/single	Einzel block	Poulie simple	Eenschijfsblok
44	F698	5mm		Blok/dobbelt	Block/double	Doppel block	Poulie double	Tweeschijfsblok
1	F741			Plaststøb	Plastic casting	Plastikguss	Fonte de plastique	Kunststof
1	F742			Plaststøb	Plastic casting	Plastikguss	Fonte de plastique	Kunststof
190	F743	9mm		Øjebolt	Eyebolt	Augenbolzen	Pitons	Oogbouten
1				Sejlstof	Sailcloth	Segelstoff	Tissu de voile	Zeildoek
1				Net	Net	Netz	Pochette plastique	Net
1		TR 103		Transfers	Transfers	Abziehbilder	Décalcomanies	Transfers
1				Flag	Flag	Flagge	Drapeau	Vlag
3				Hovedtegninger	Plan	Zeichnungen	Plans	Bouwtekening
1		A3		Byggevejledning	Building instr.	Bauanleitung	Instruction de mont.	Bouwbeschrijving



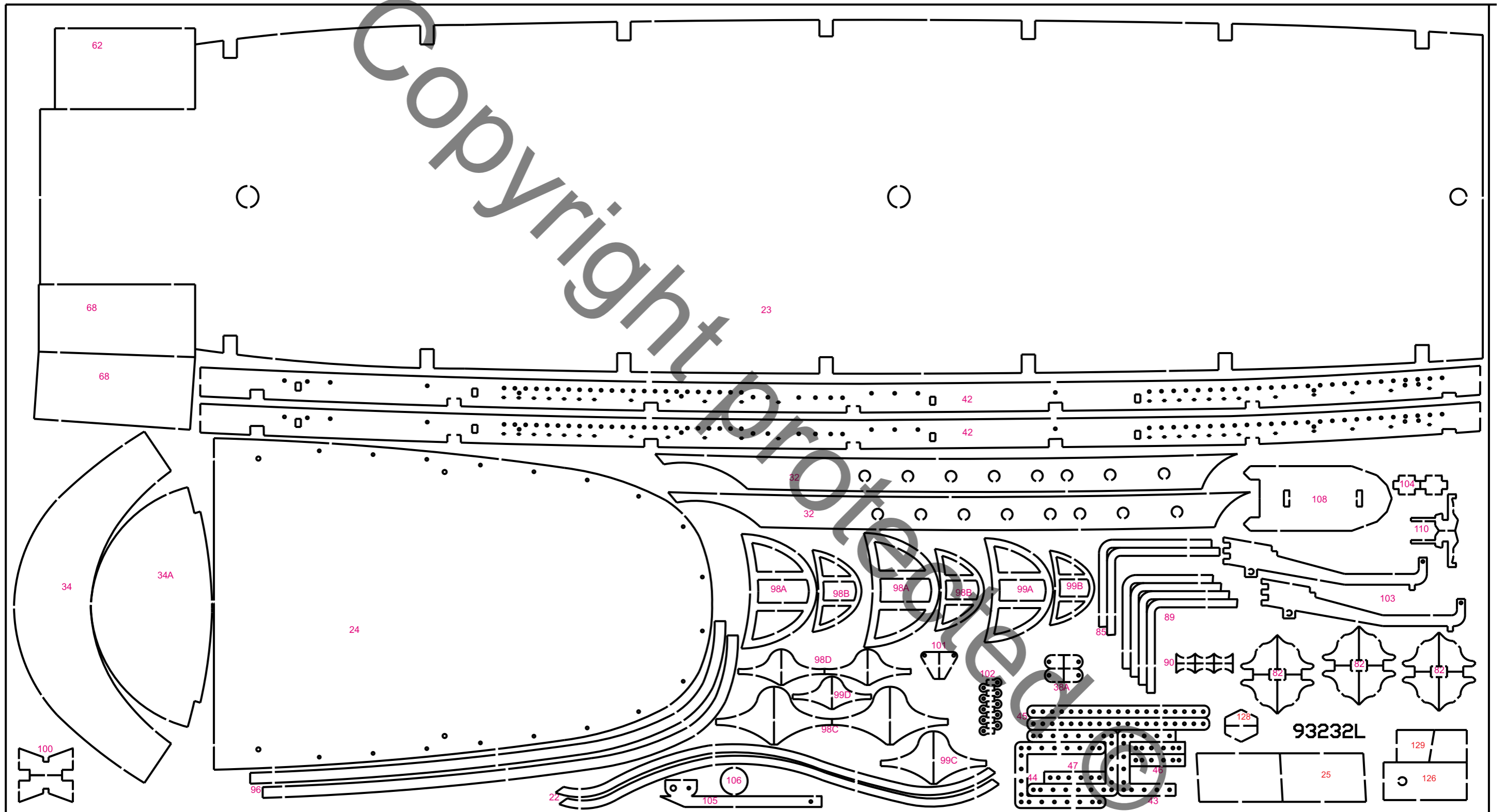
3236 L

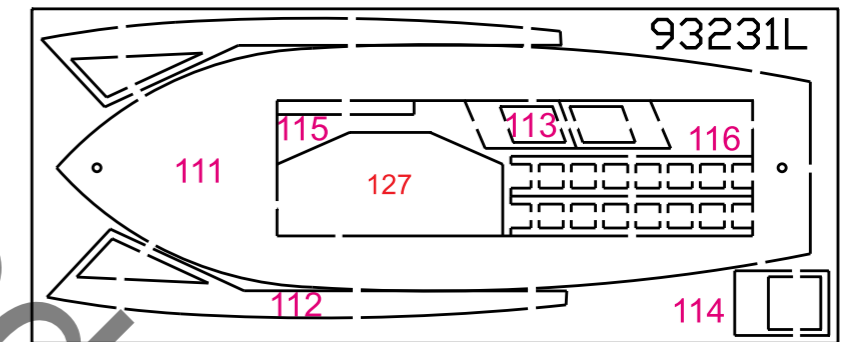
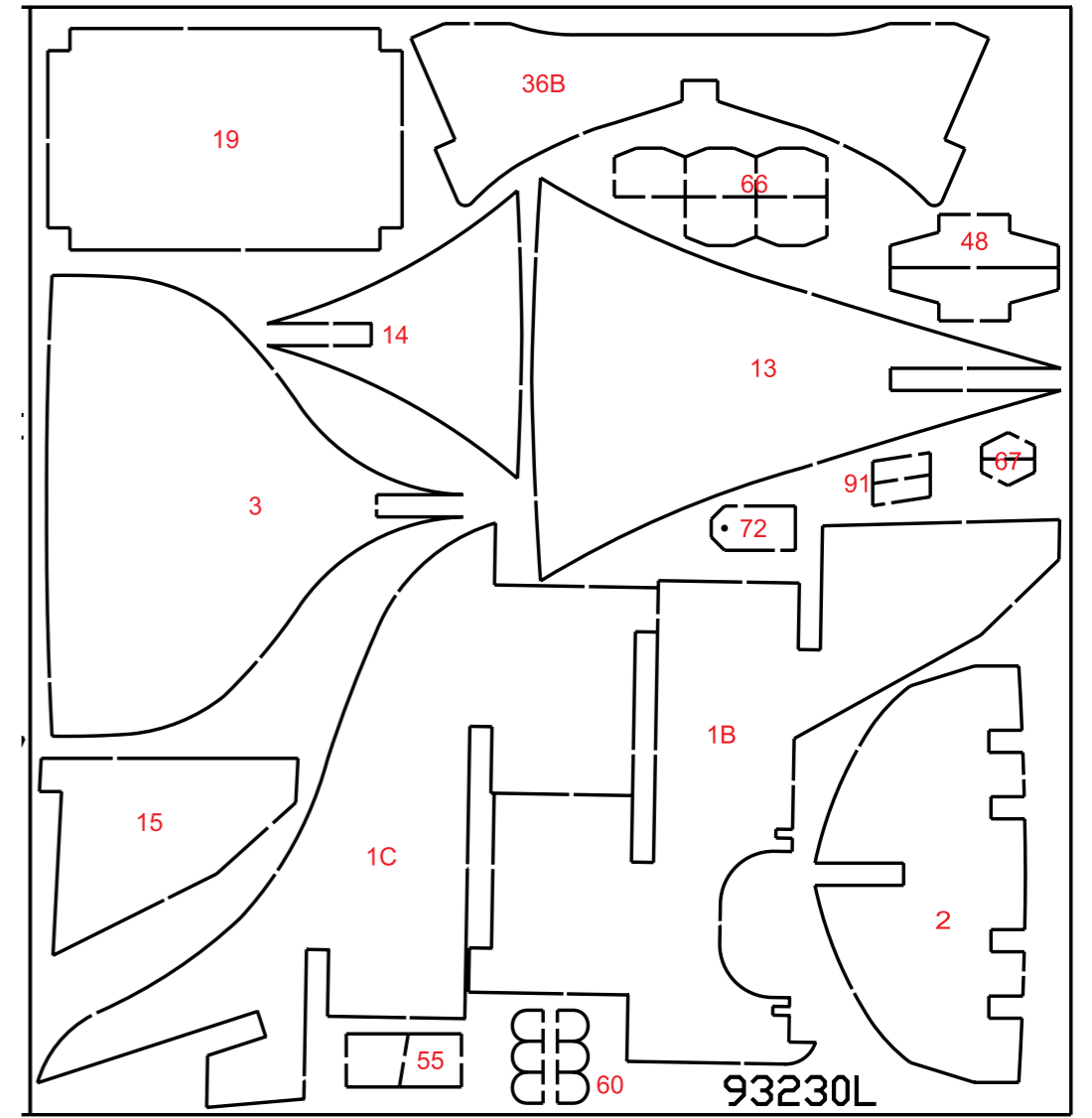
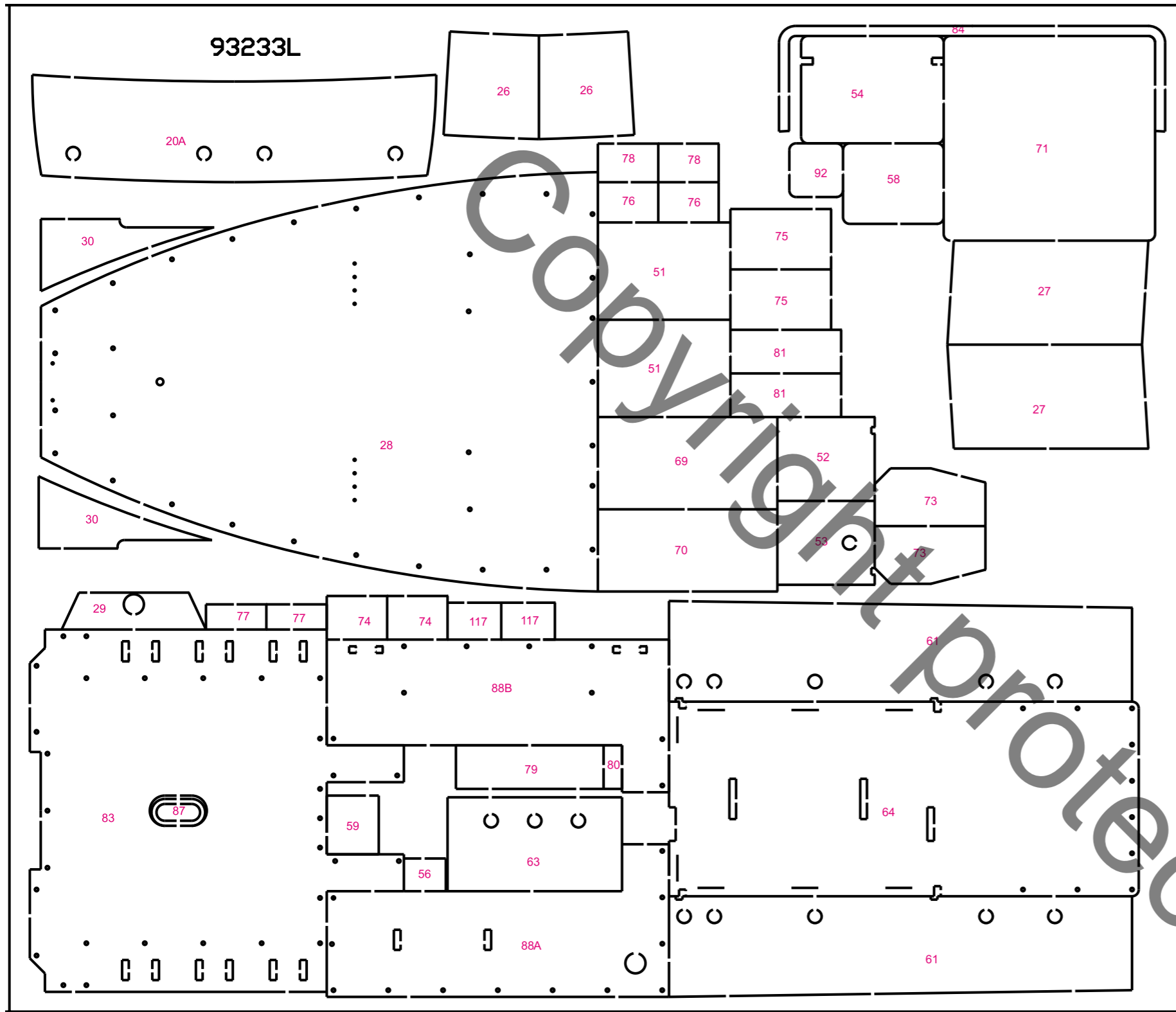


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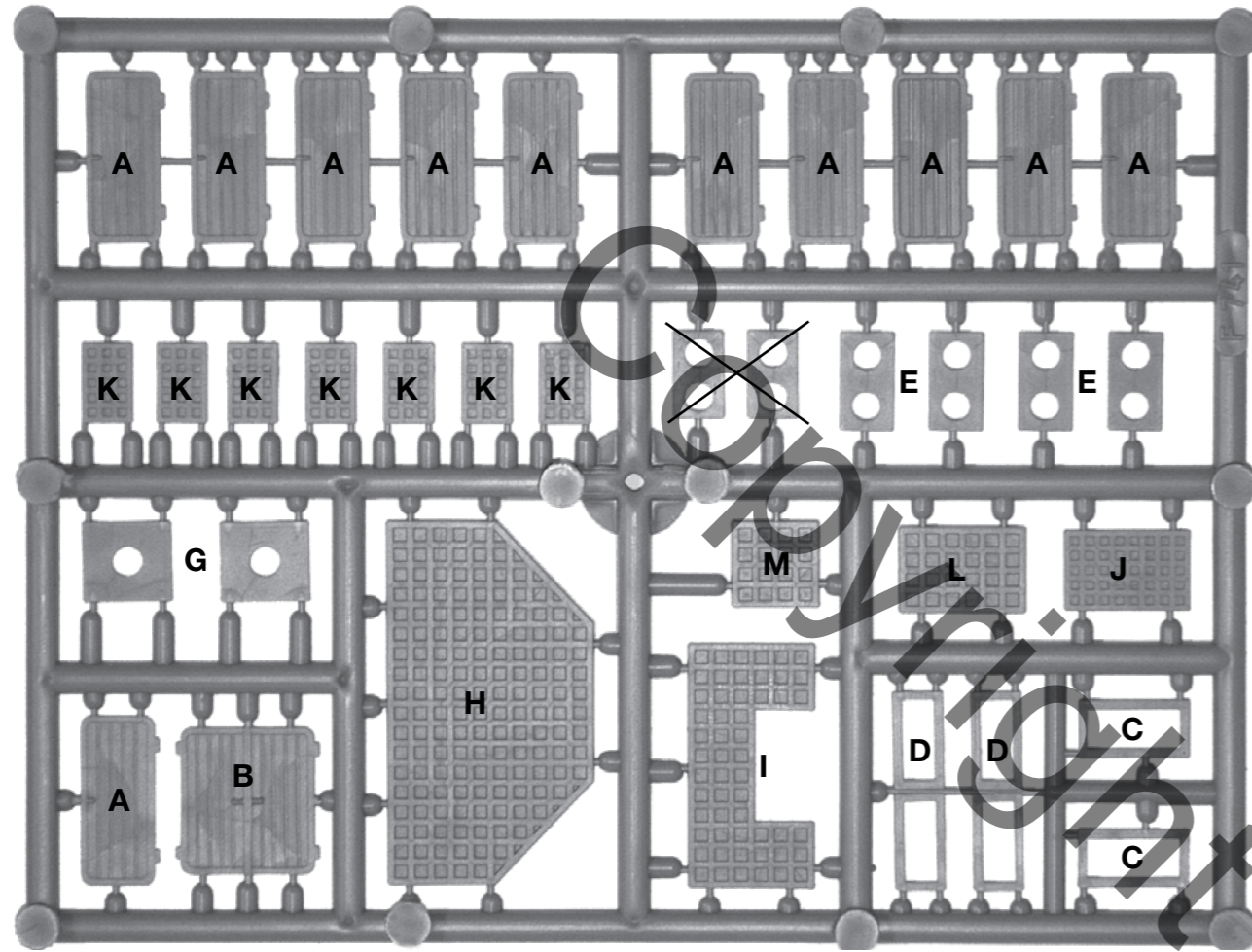


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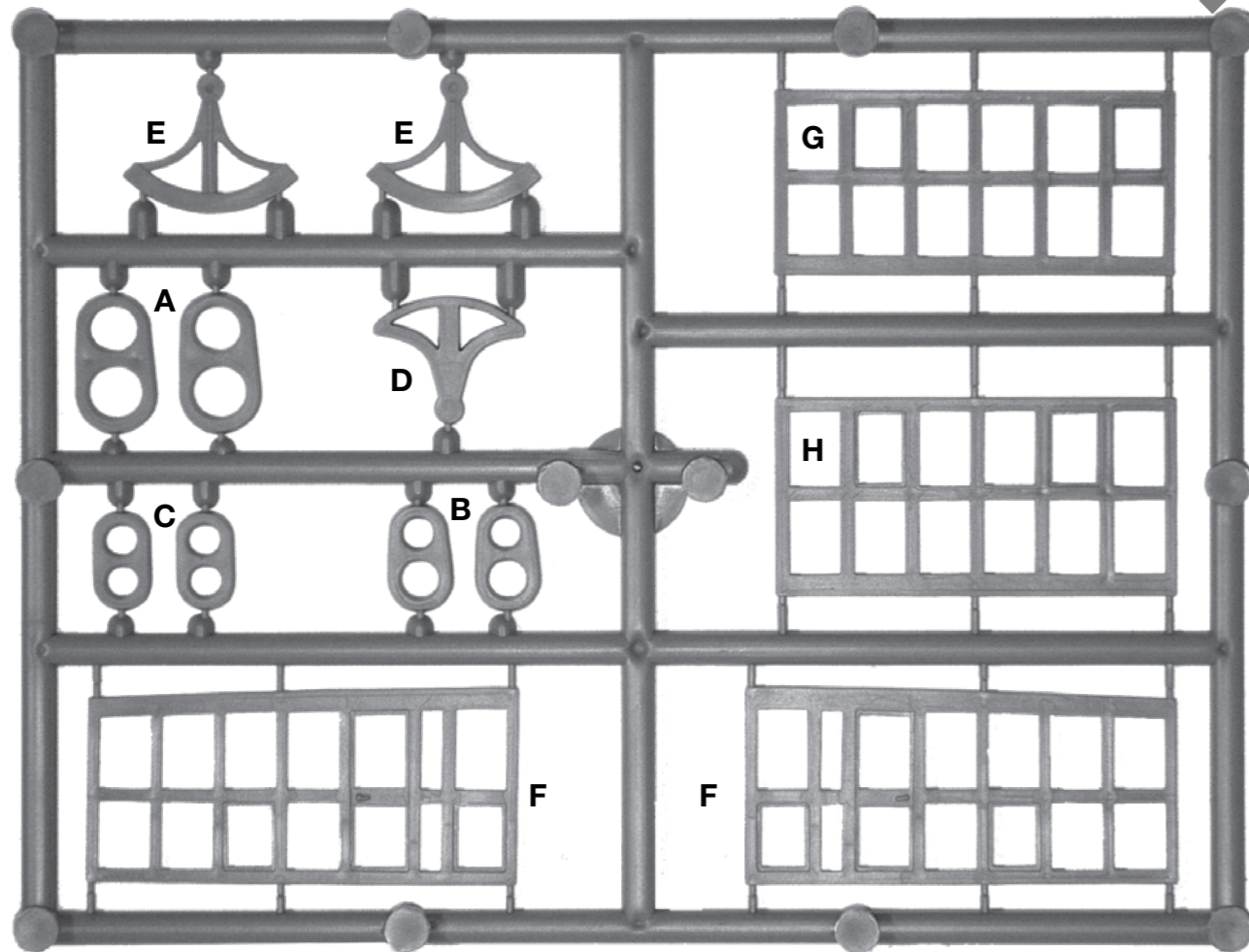




F 741



F 742



BB Glue Type



Plastic Glue



ABS Glue



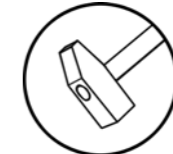
Wood Glue



Cyano-Acrylate Glue



Epoxy Glue



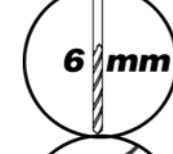
Use Hammer here



Cut in Length



Use File here



Drill



Use Knife here



Cut in Shape



Cut in Shape



Cut in Shape



Draw



Use Filler here



Do Not Glue







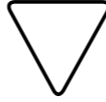

Shape over steam









Throw in Bin




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


Symboler
 = Rigningsnummer
 = Farvenummer
 = Bejdse


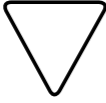

Symbols
 = Rigging No.
 = Colour No.
 = Stain


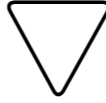

Zeichen
 = Takel Nr.
 = Farben Nr.
 = Beize

Symboles
 = Greement no.
 = Couleur no.
 = Mordant

Symbolen
 = Tuigage Nr.
 = Kleur Nr.
 = Beits

Símbolo
 = Oparejo Nr.
 = Color Nr.
 = Mordiente

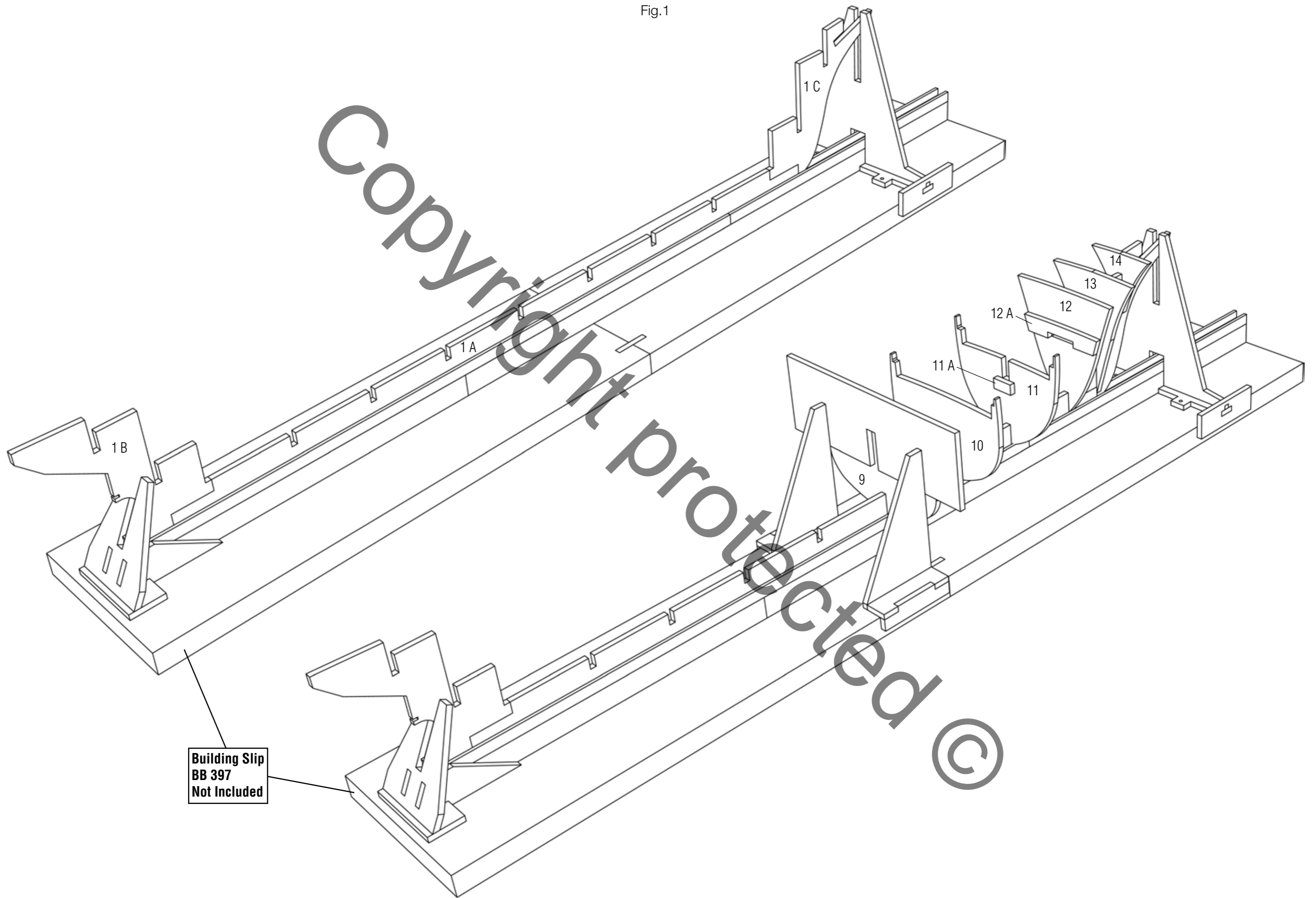
Segno
 = Attrezzatura N°
 = Colore N°
 = Inchiostro tint.

Simbolos
 = Cordame nº
 = Cõr nº
 = Tintura

Billing 1 = White
 Billing 3 = Emerald
 Billing 11 = Black
 Billing 13 = Trainer Yellow
 Billing 17 = Clear Poly
 Billing 35 = Signal Red
 Billing 36 = Bejdse/Stain/Beize/Mordant/Beize/Mordient

Til denne model er mahogni bejdse og farver med følgende numre nødvendige:
 For this model is mahogany stain and colours with the following numbers should be used:
 Für dieses Modell sind Mahagoni Beize und Farben mit den folgenden Nummern notwendig:
 Pour ce modèle, le mordant et les couleurs avec les numéros suivants doivent être employées:
 Voor dit model zijn kleuren met de volgende nummers nodig:
 Para est modelo se necesitan mordiente et colores con los siguientes números:
 Per questo modello occorrono inchiostro tingeggiatore "mogano" e colori con questi numeri:
 Pinte o modelo com tintura cõr Mogno e as cõres sugeridas da Billing Boats:

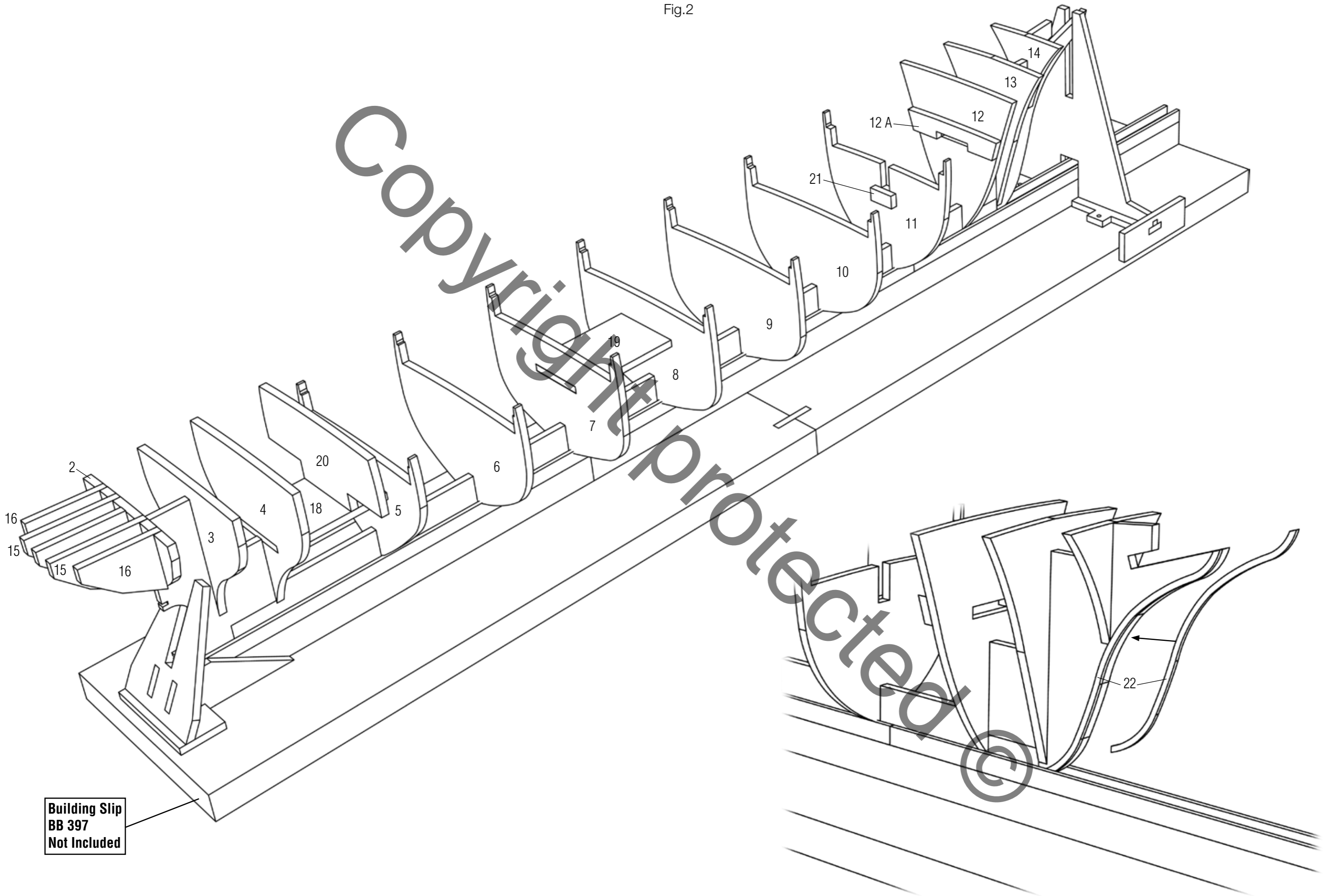
Fig.1



Building Slip
BB 397
Not Included

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Fig.2



Building Slip
BB 397
Not Included

Fig.3

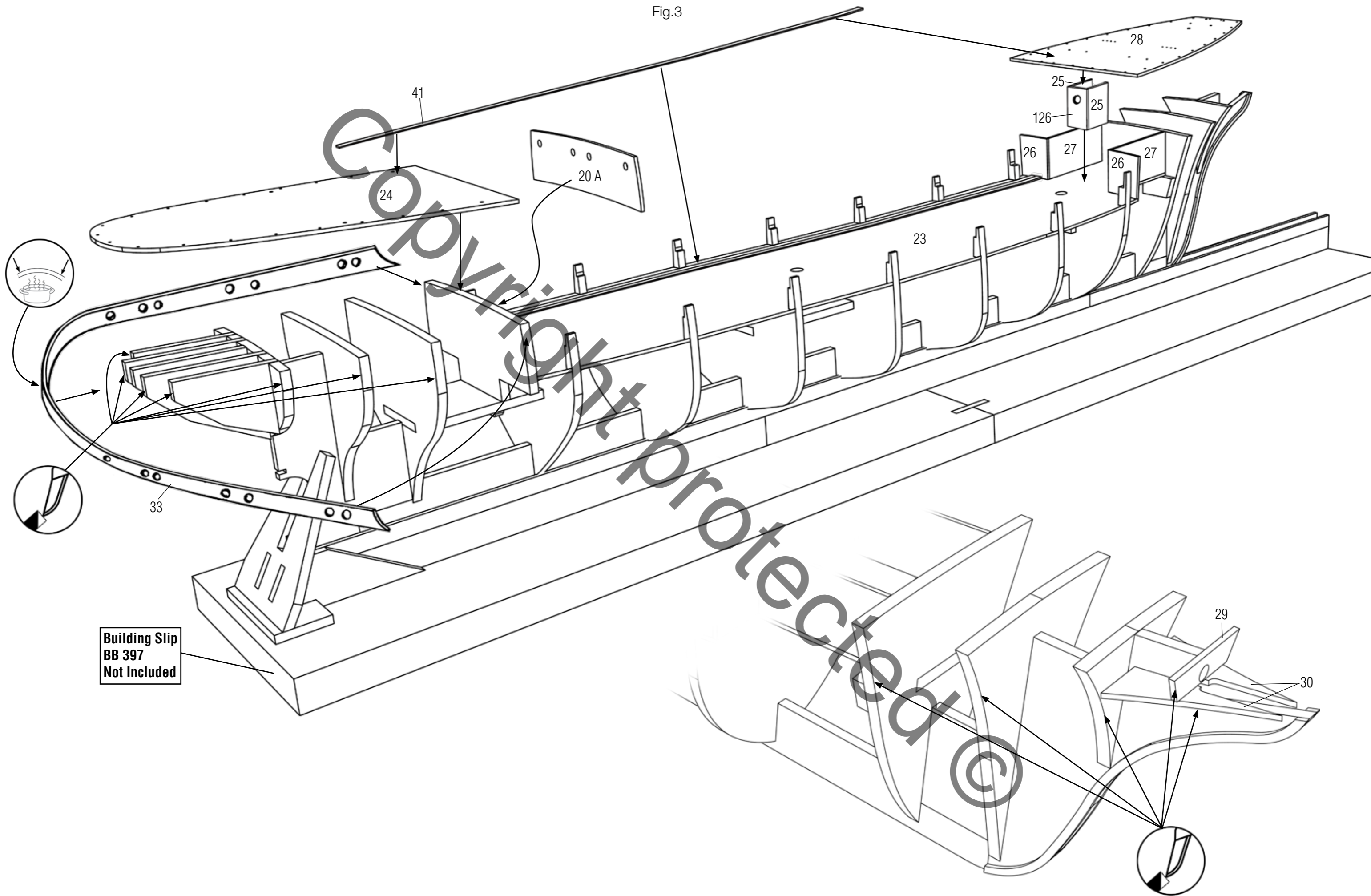


Fig.4

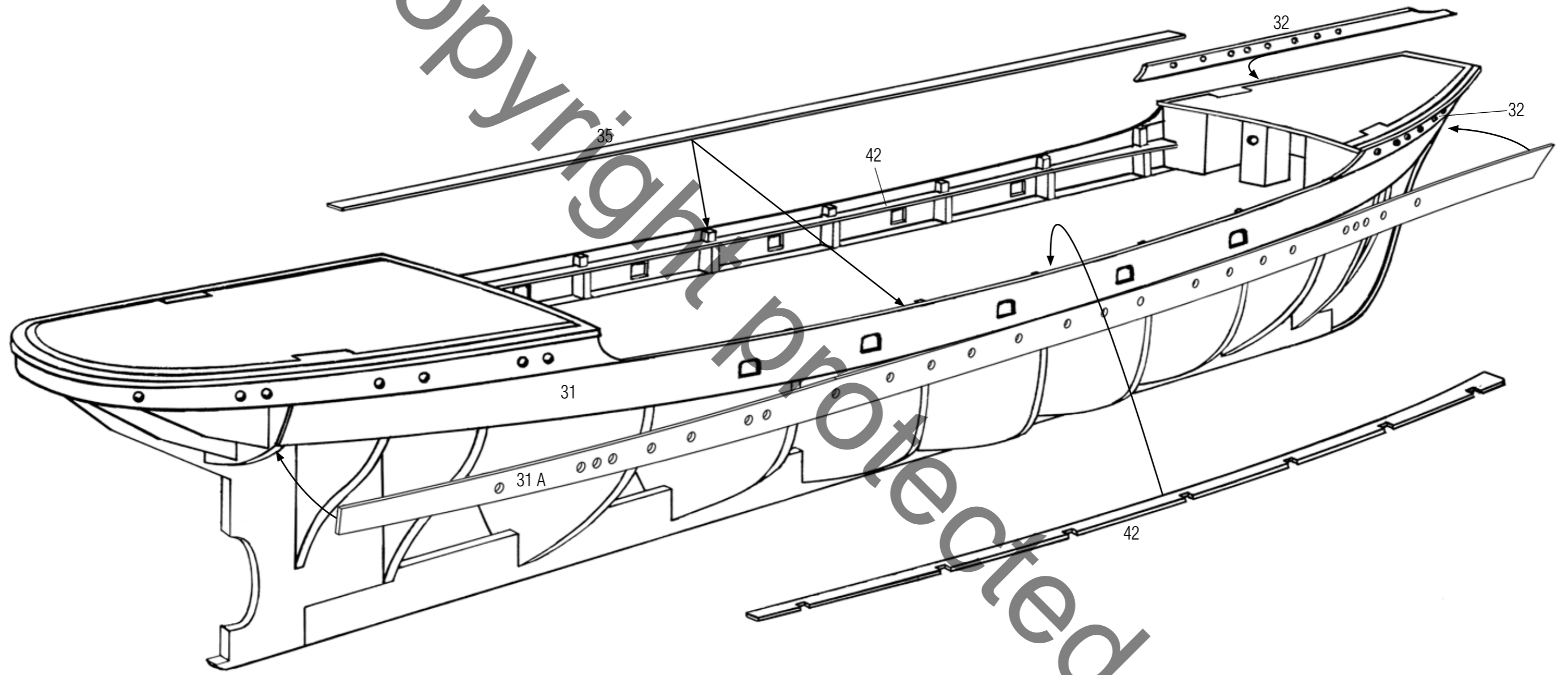


Fig.5

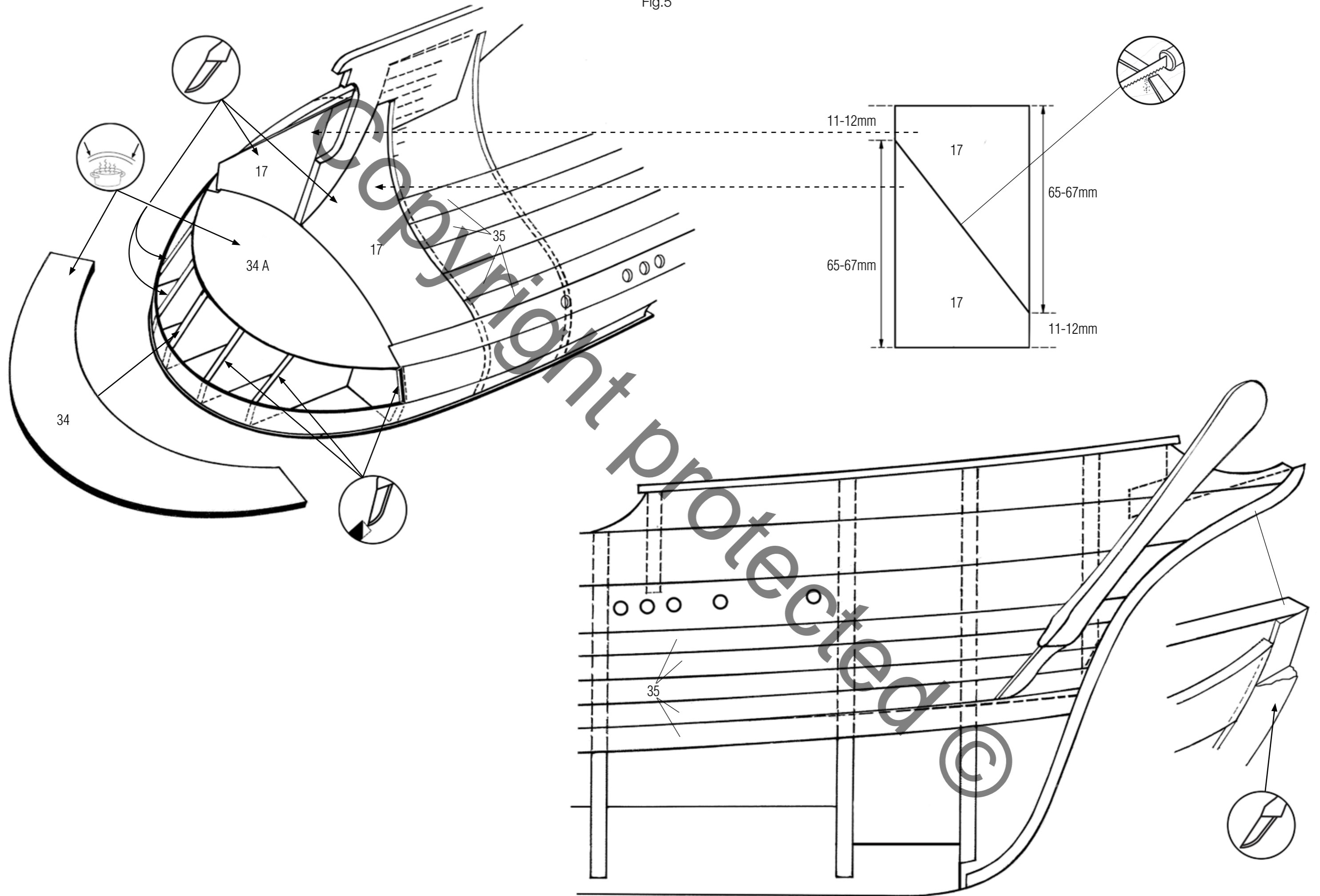


Fig.6

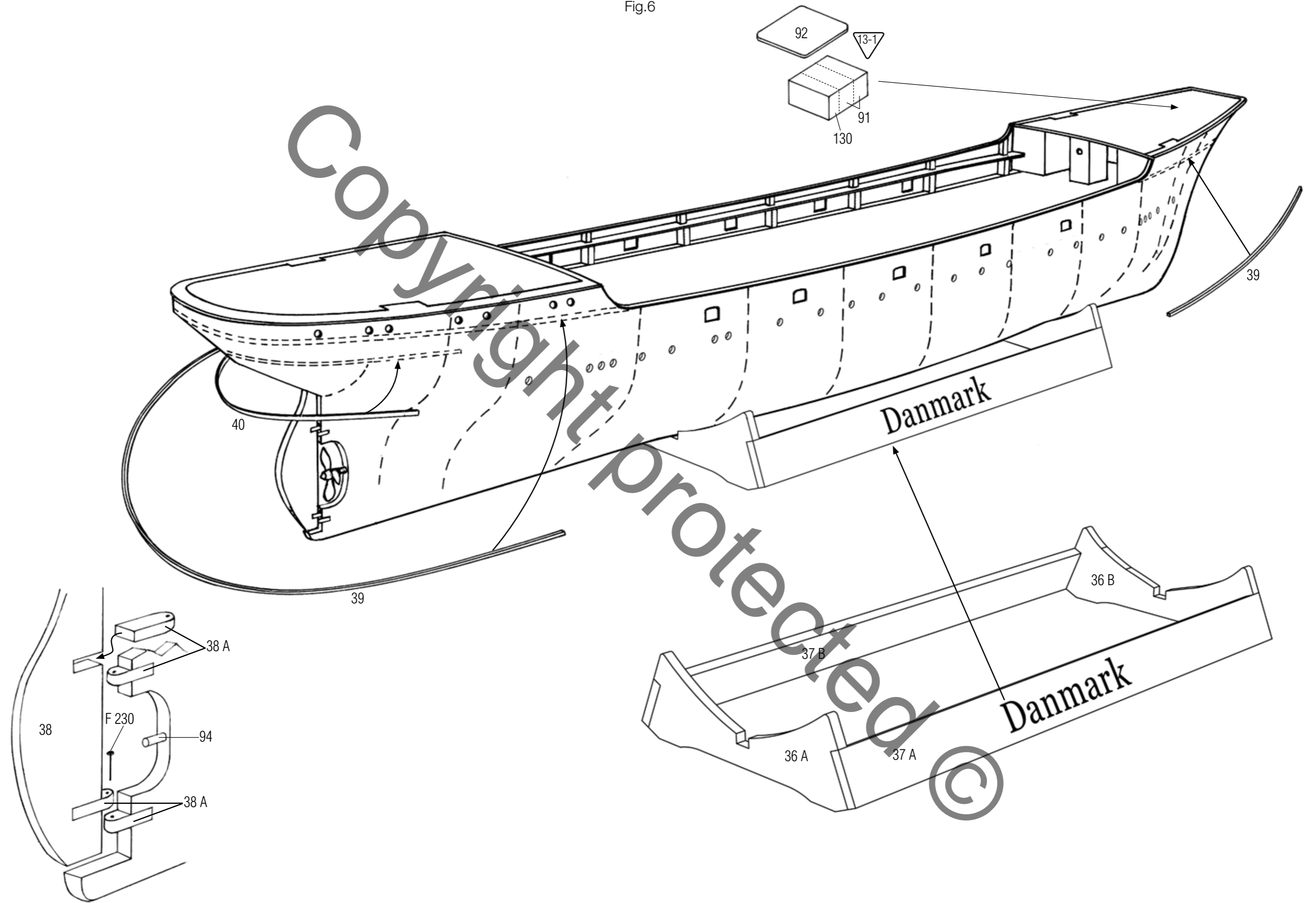
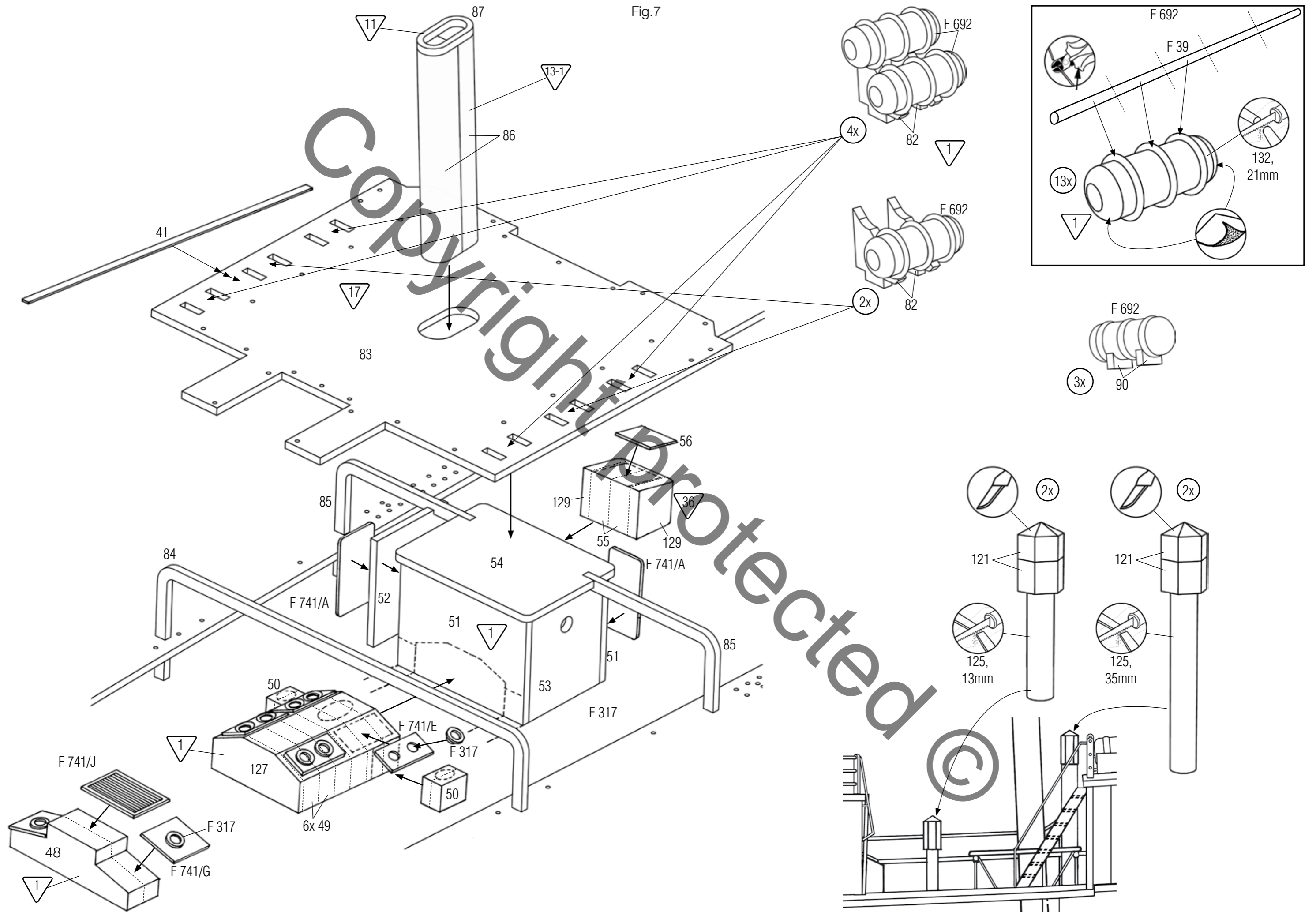


Fig.7



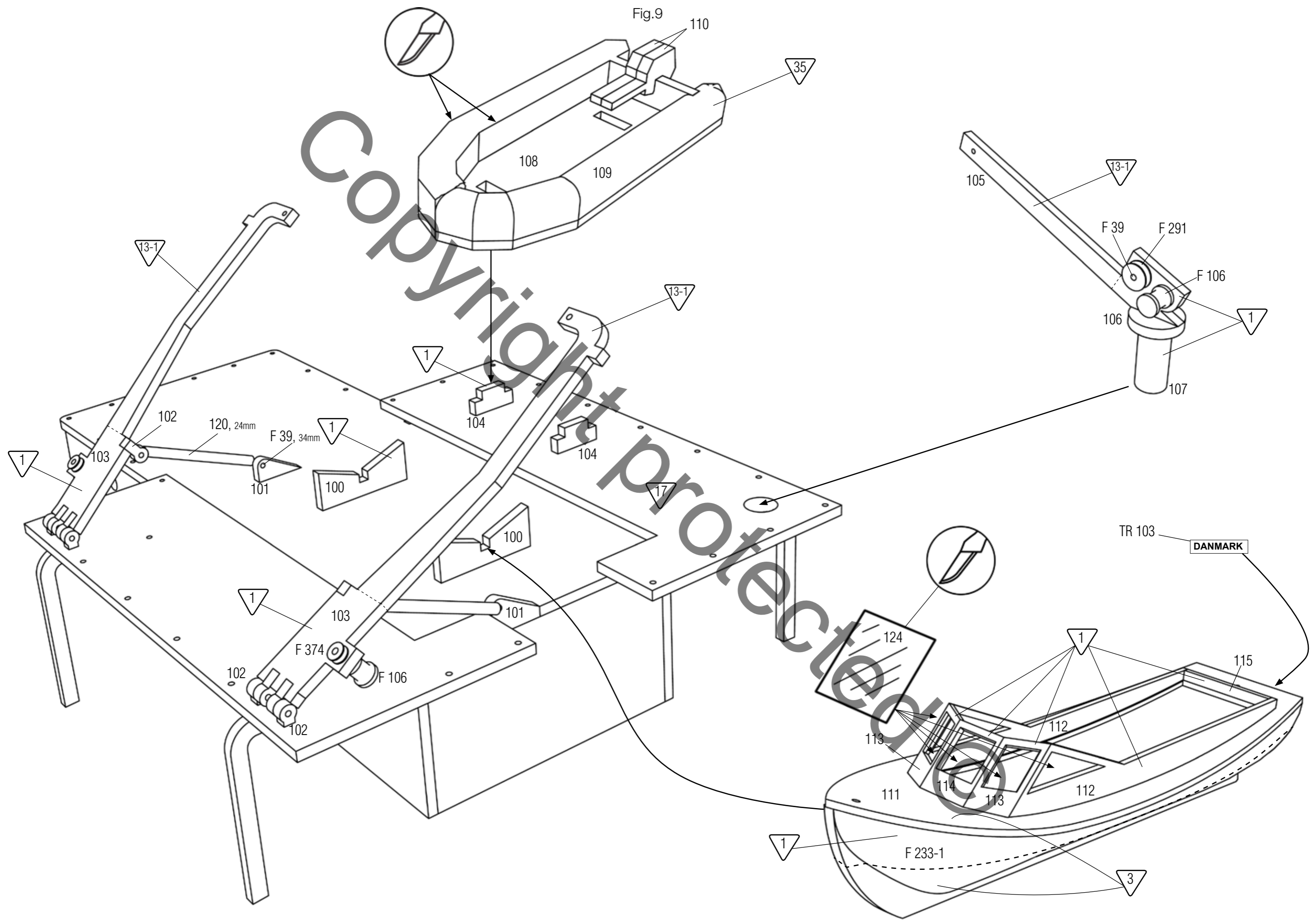


Fig.10

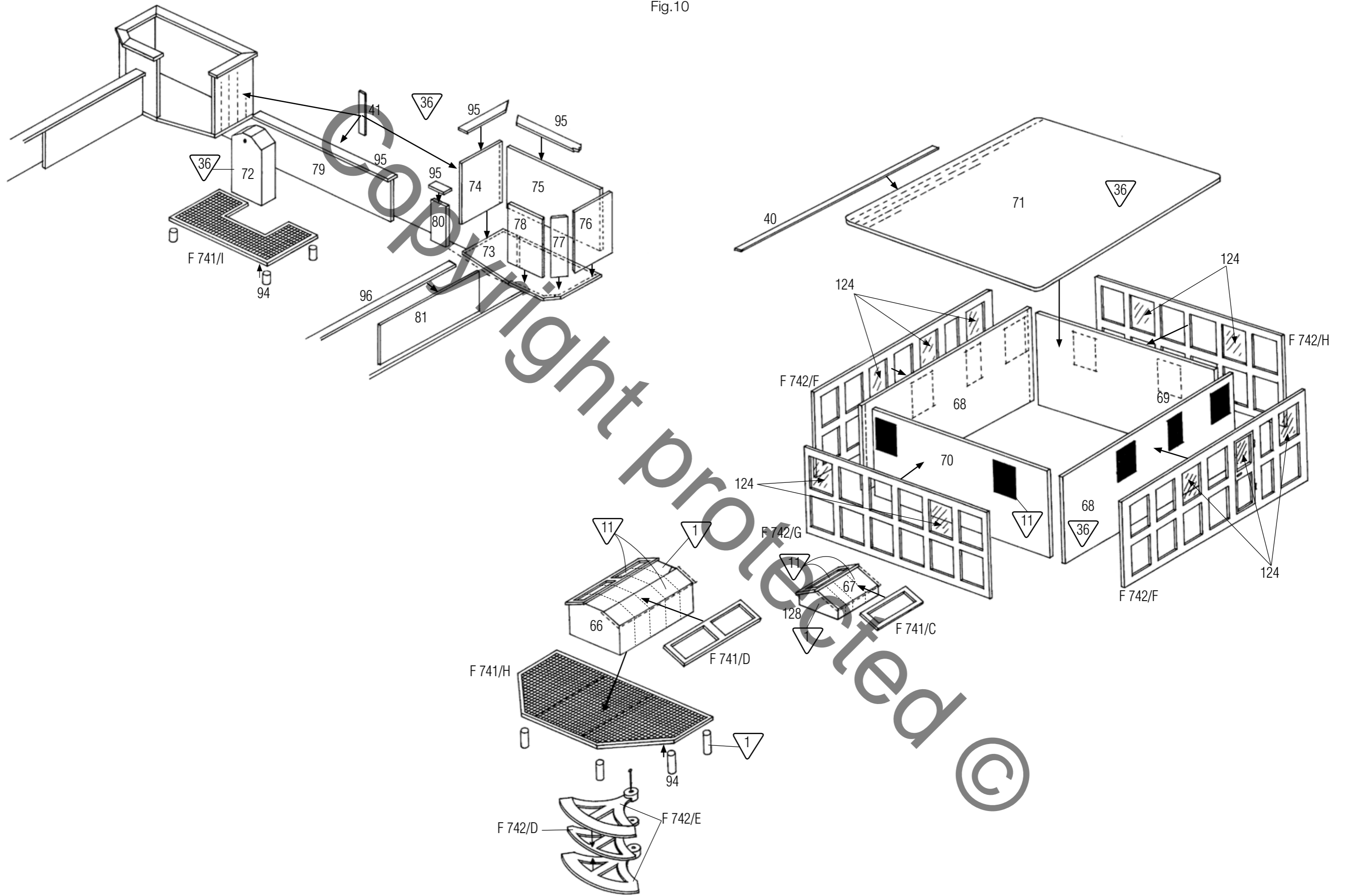
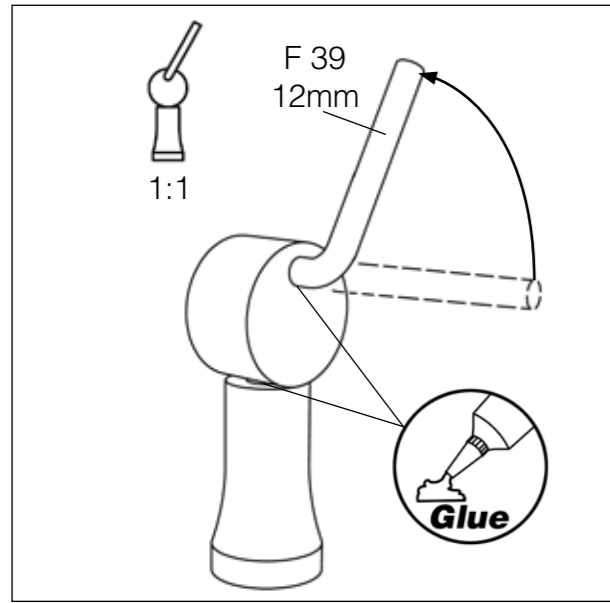
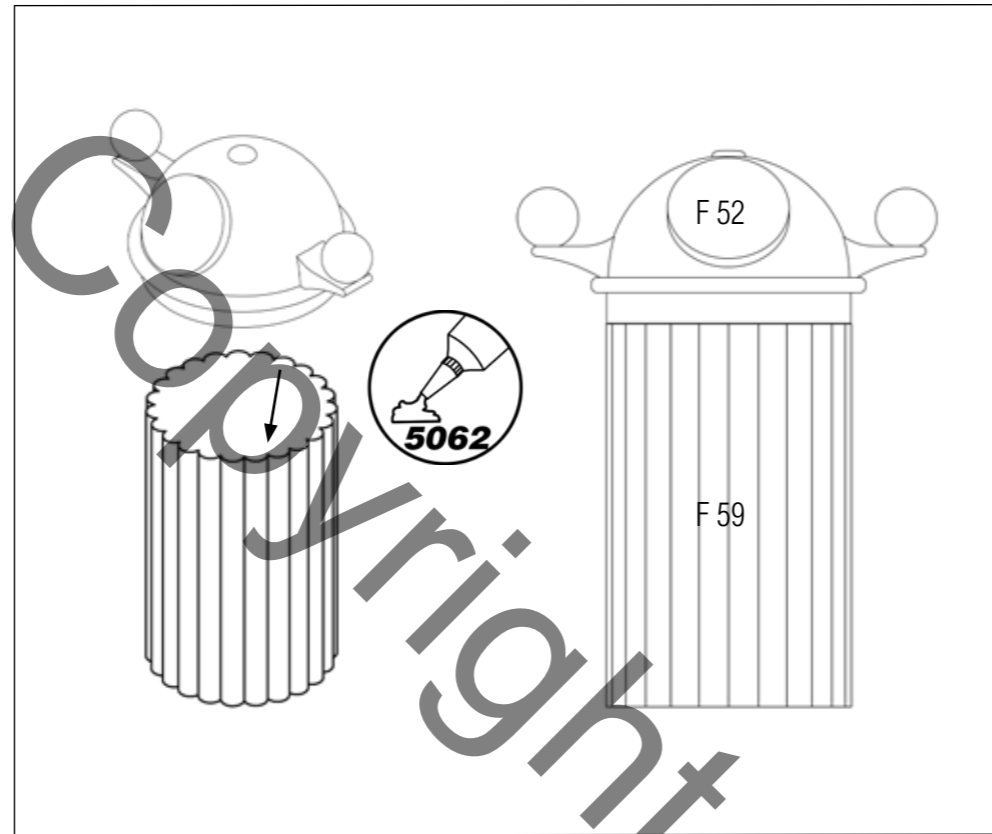


Fig.11

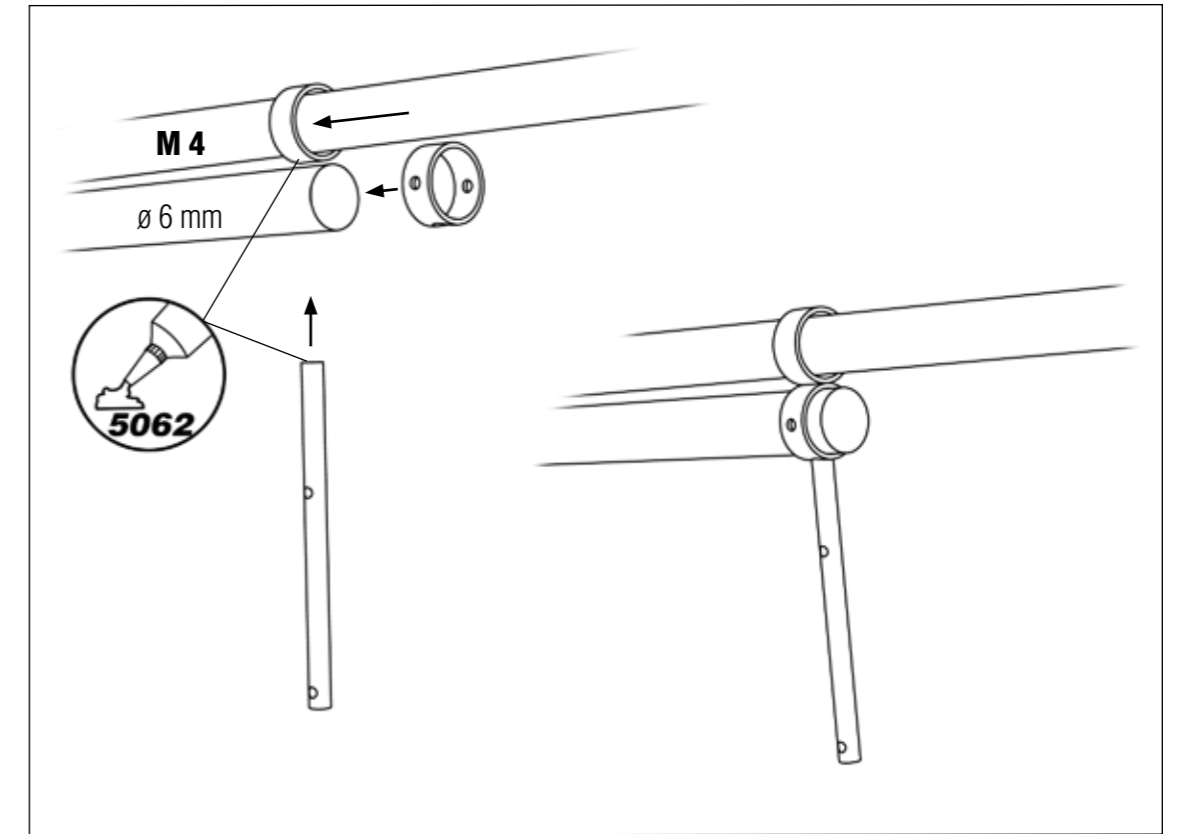
F 68



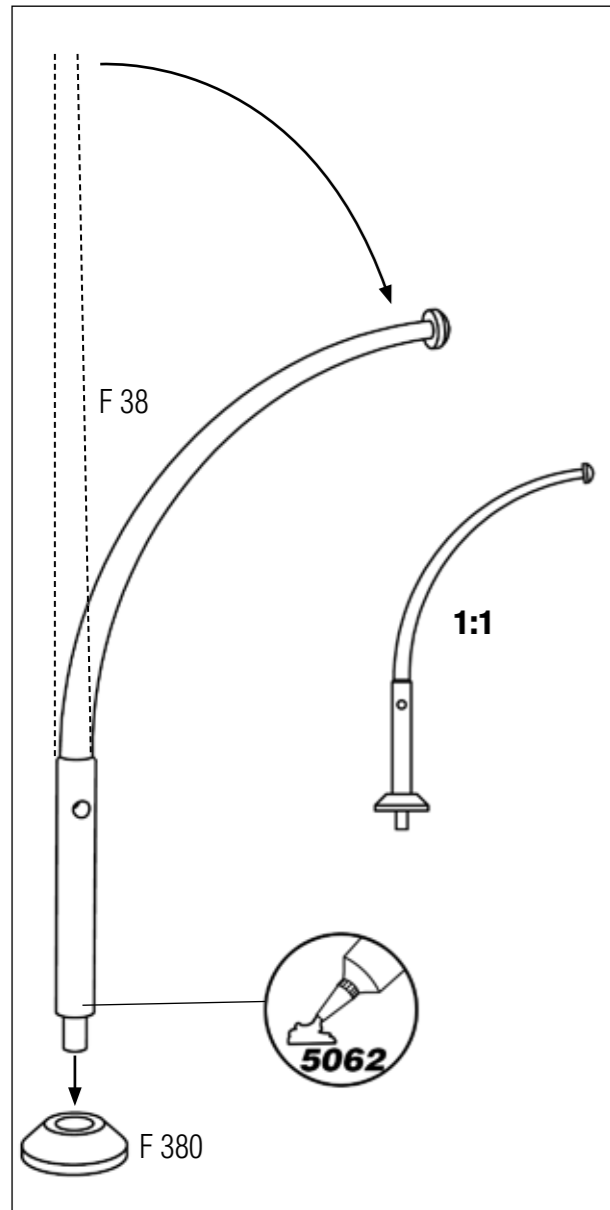
F 59



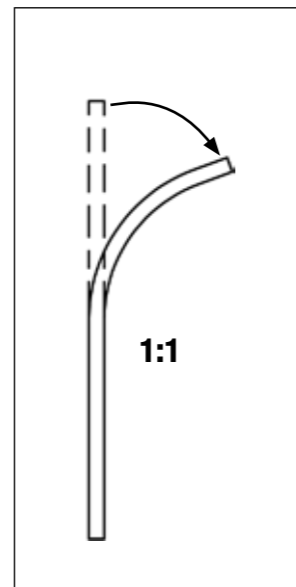
F 274



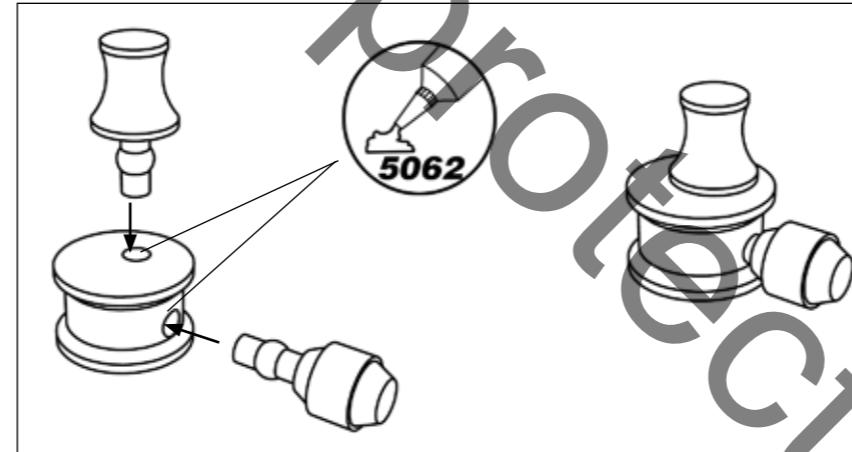
F 511



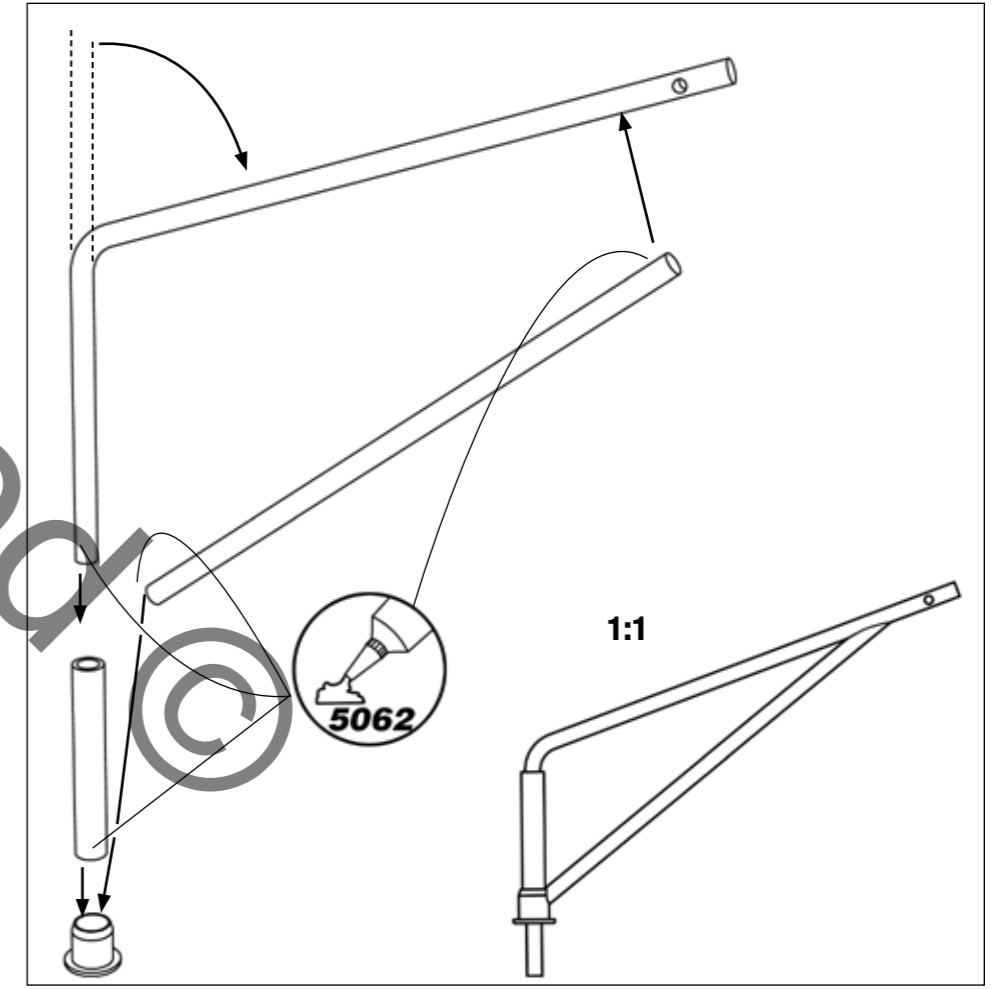
F 514



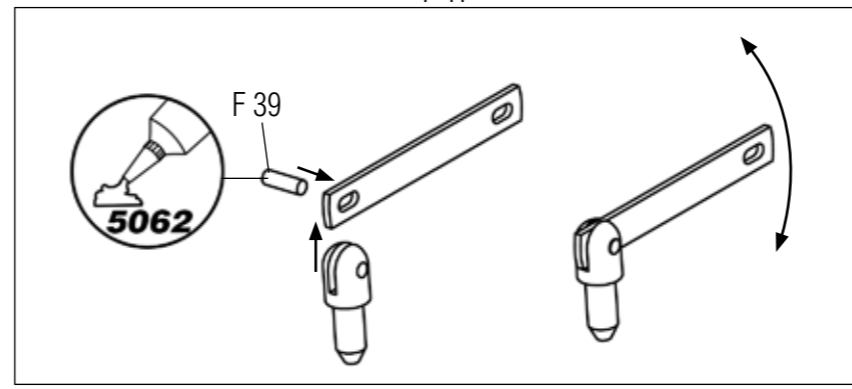
F 272



F 61

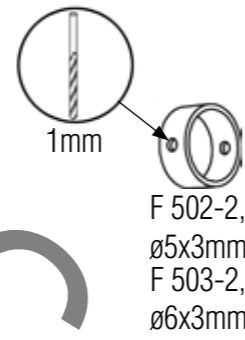


F 17

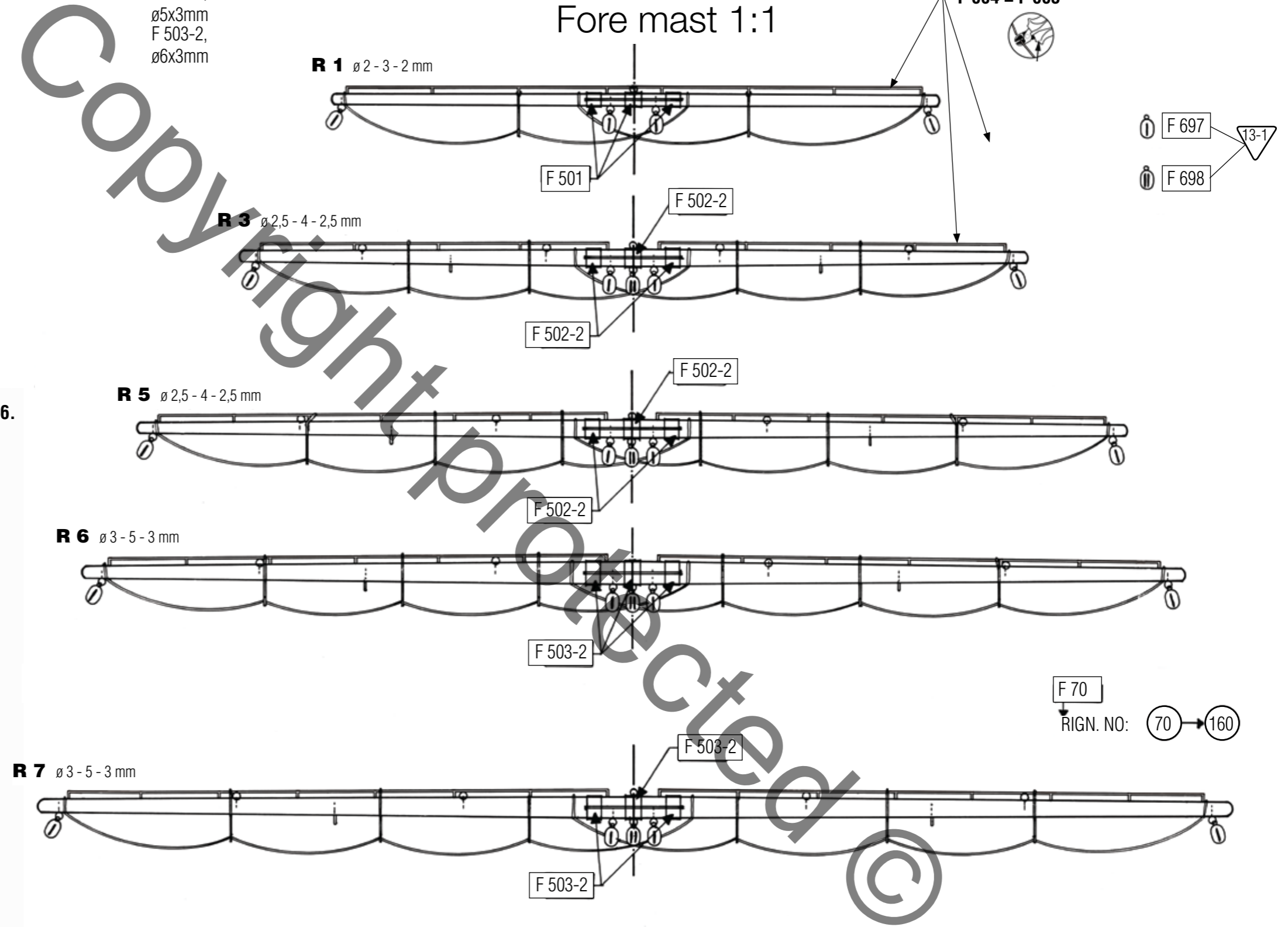


CHANGES MADE TO MAIN PLAN 3

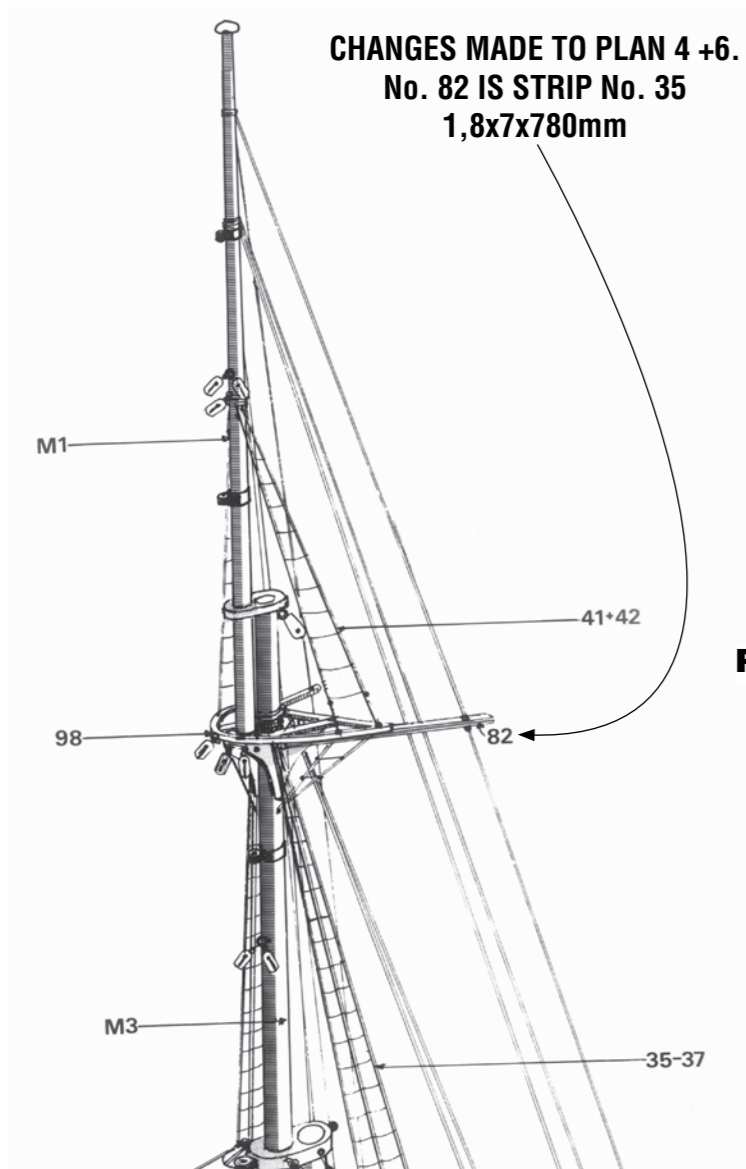
F 188 = F 502-2
F 448 = F 503-2



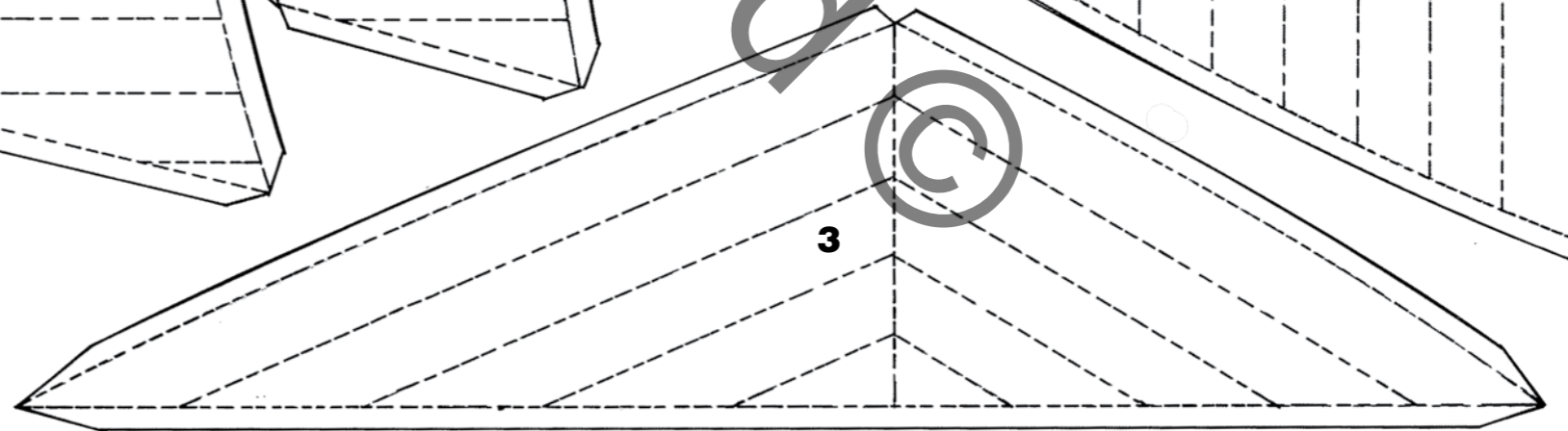
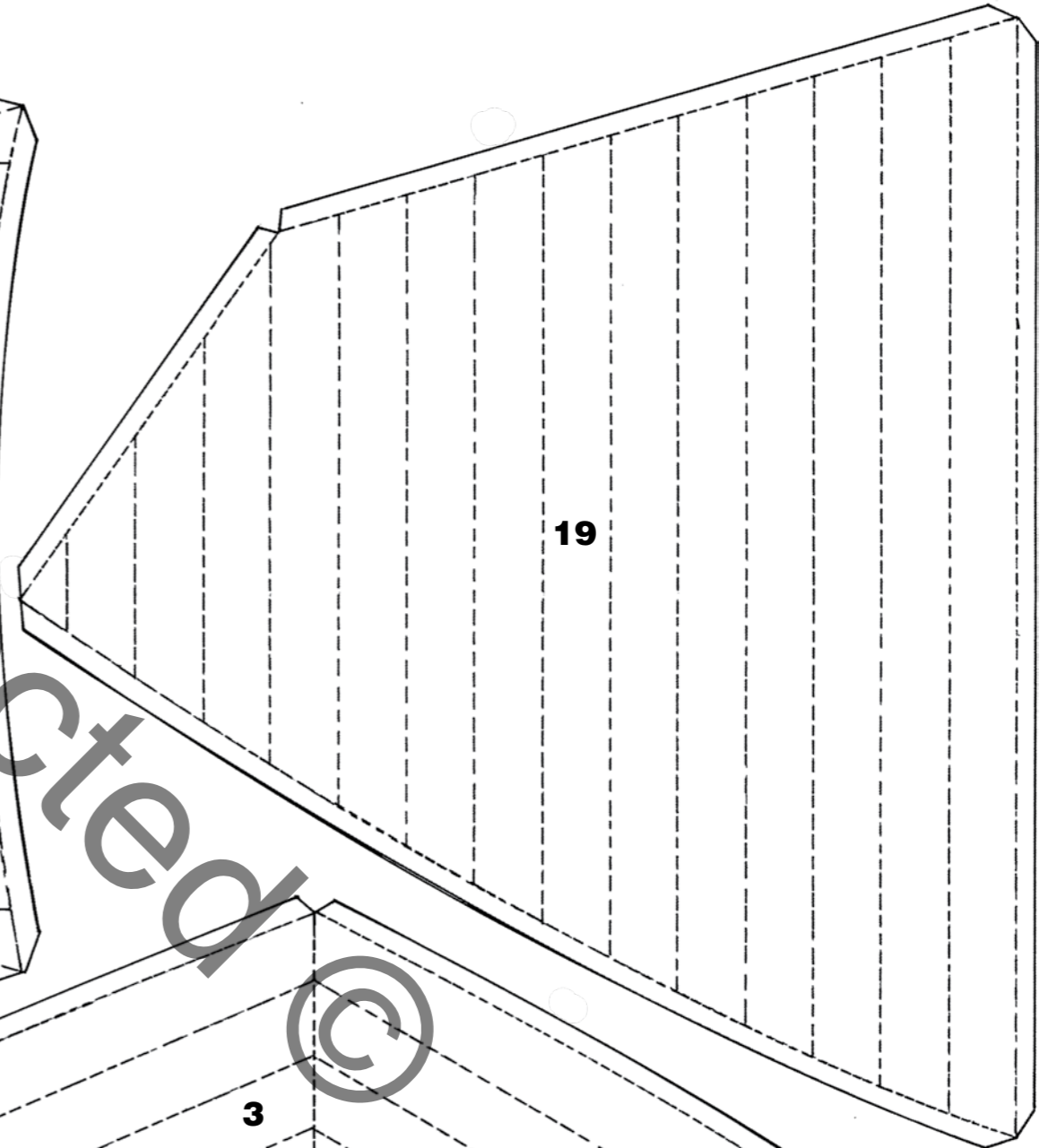
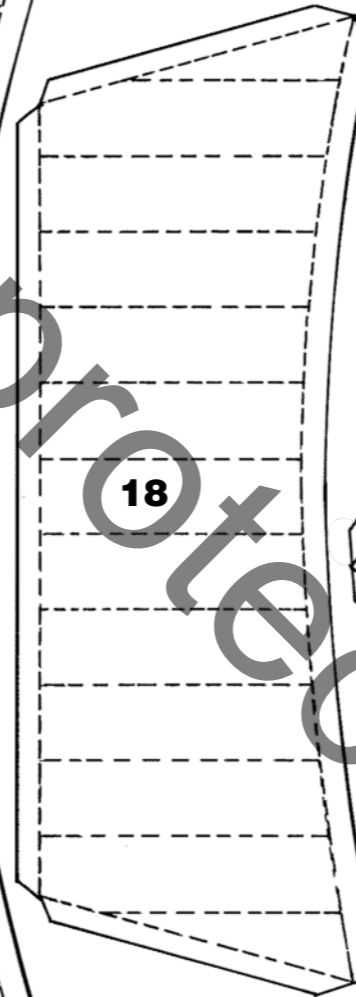
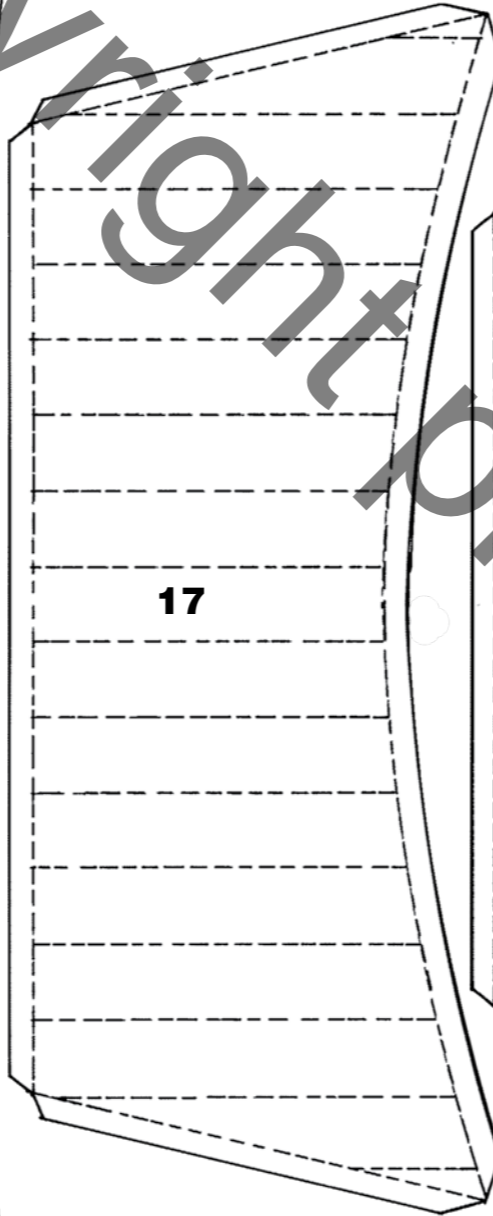
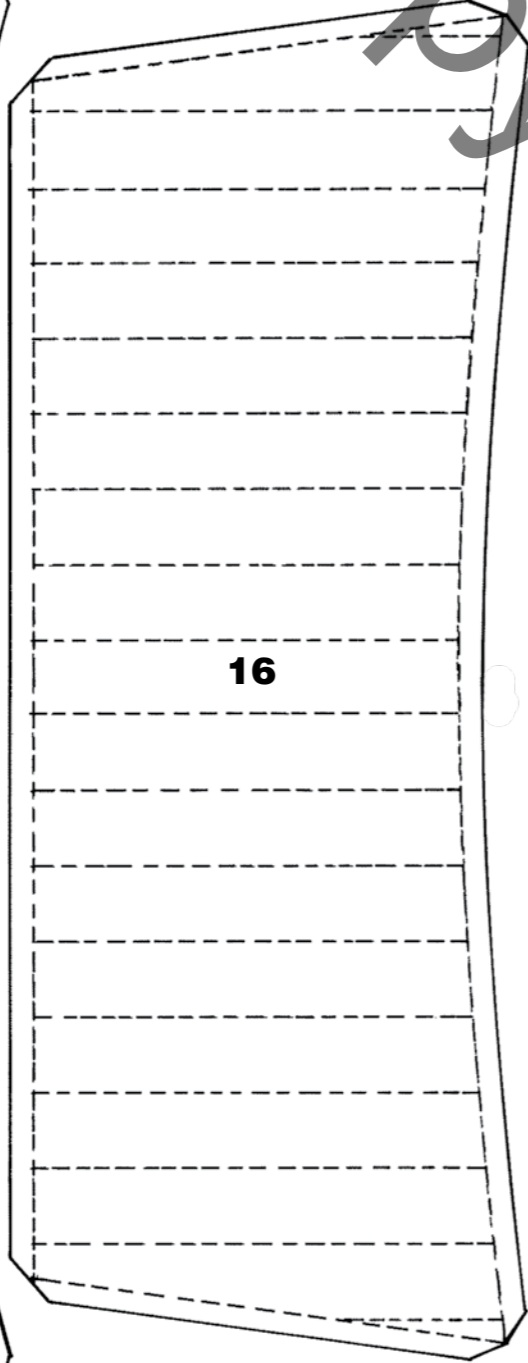
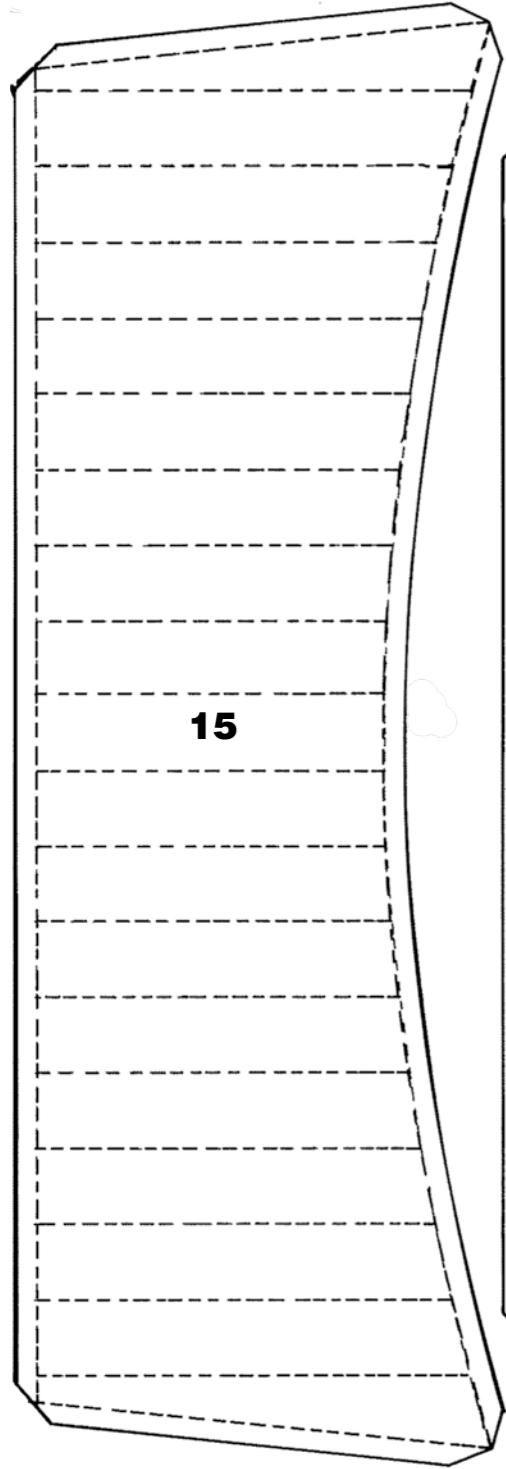
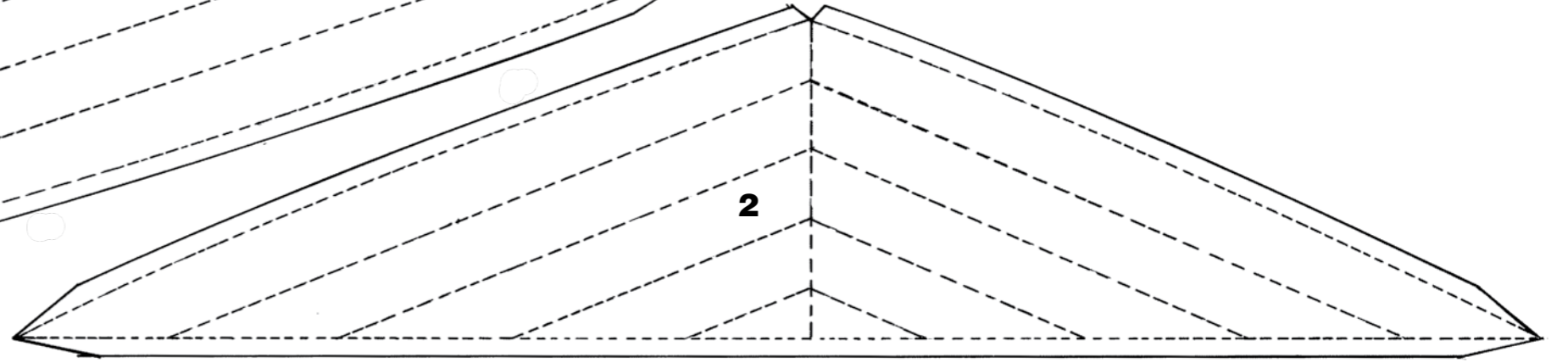
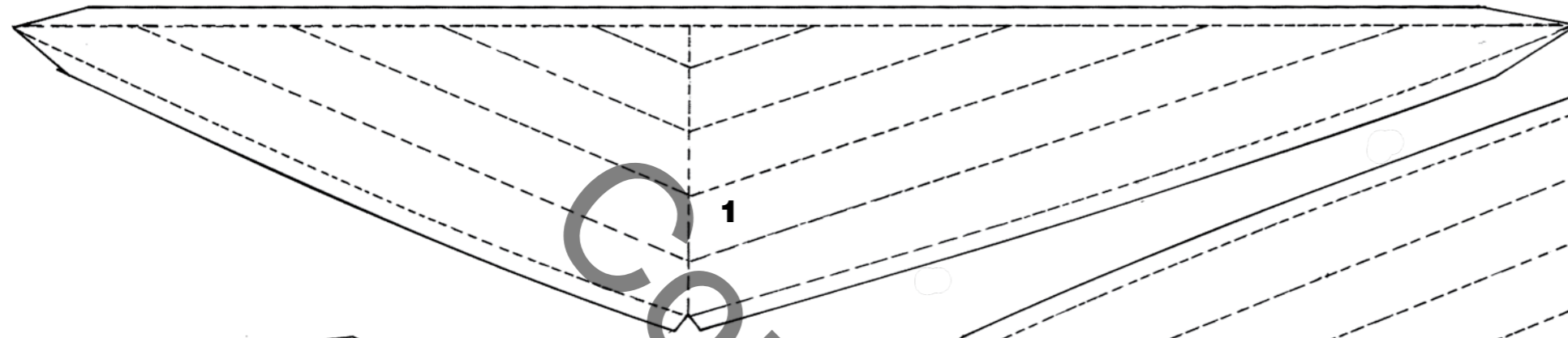
Fore mast 1:1



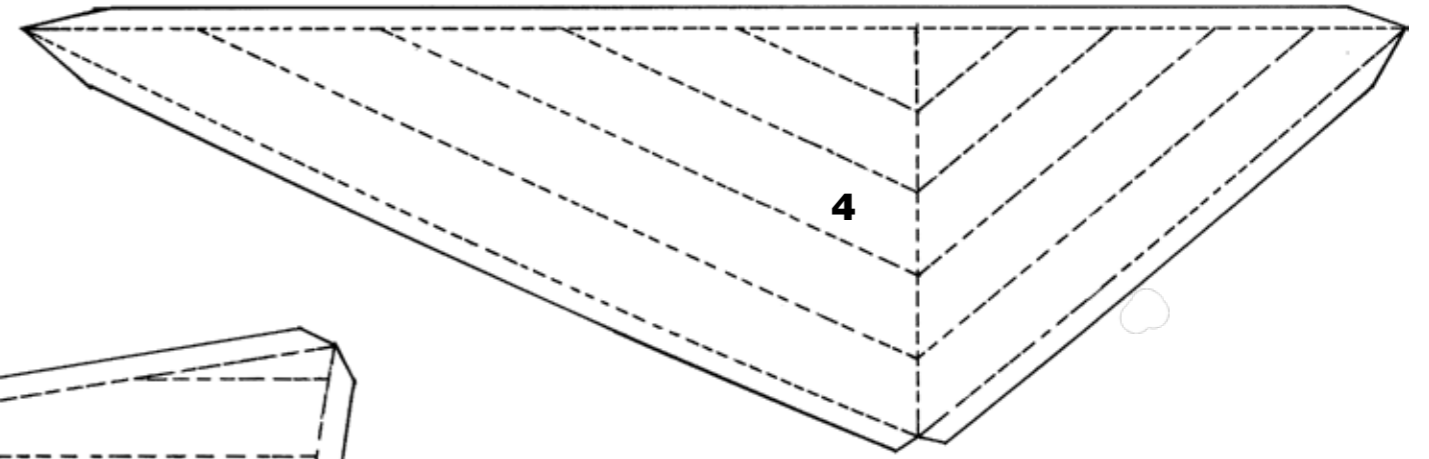
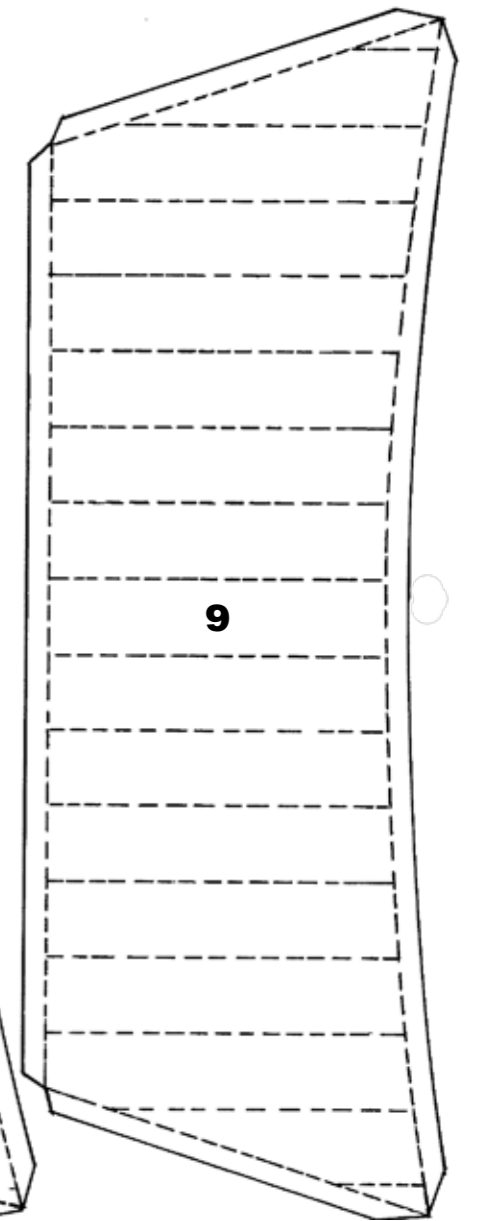
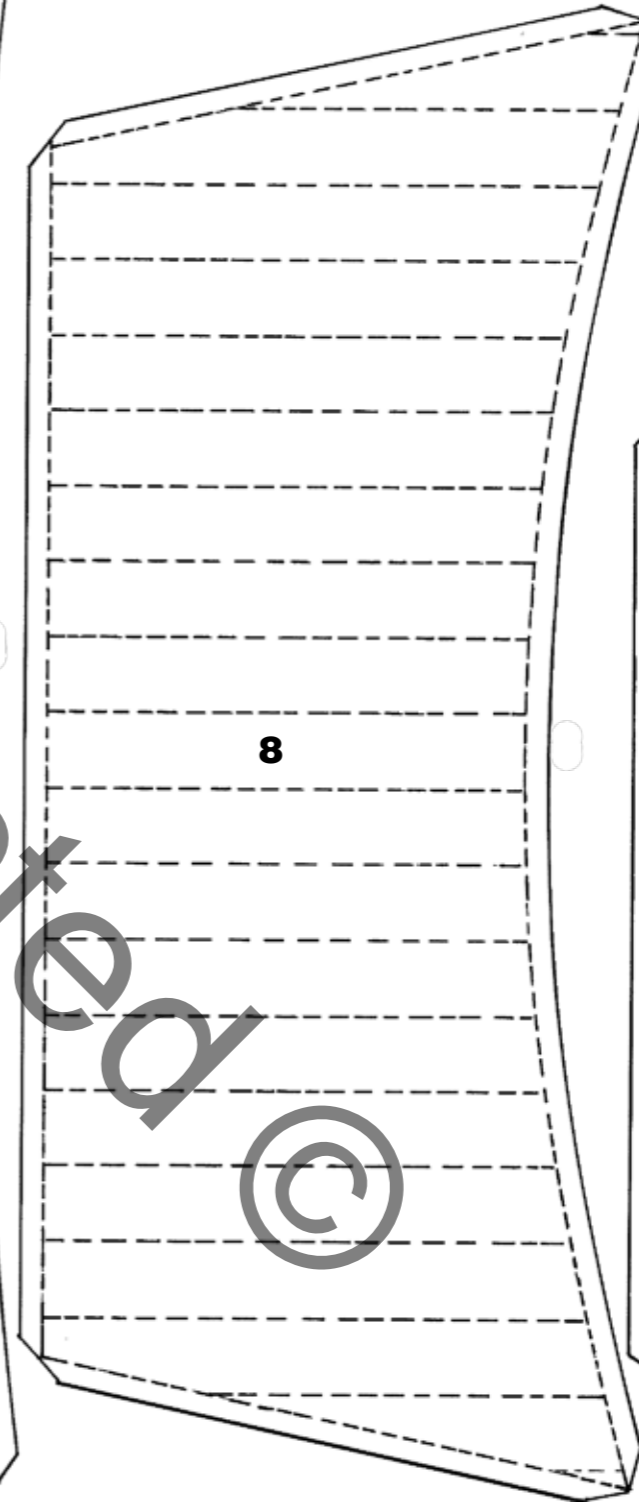
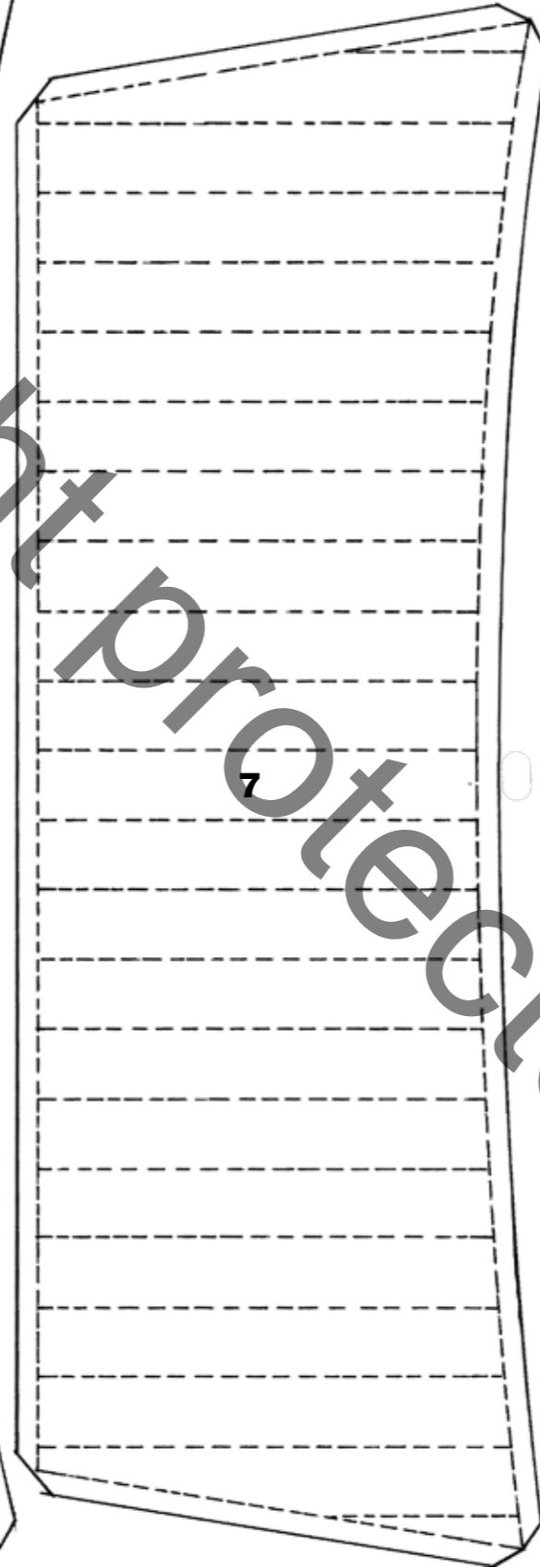
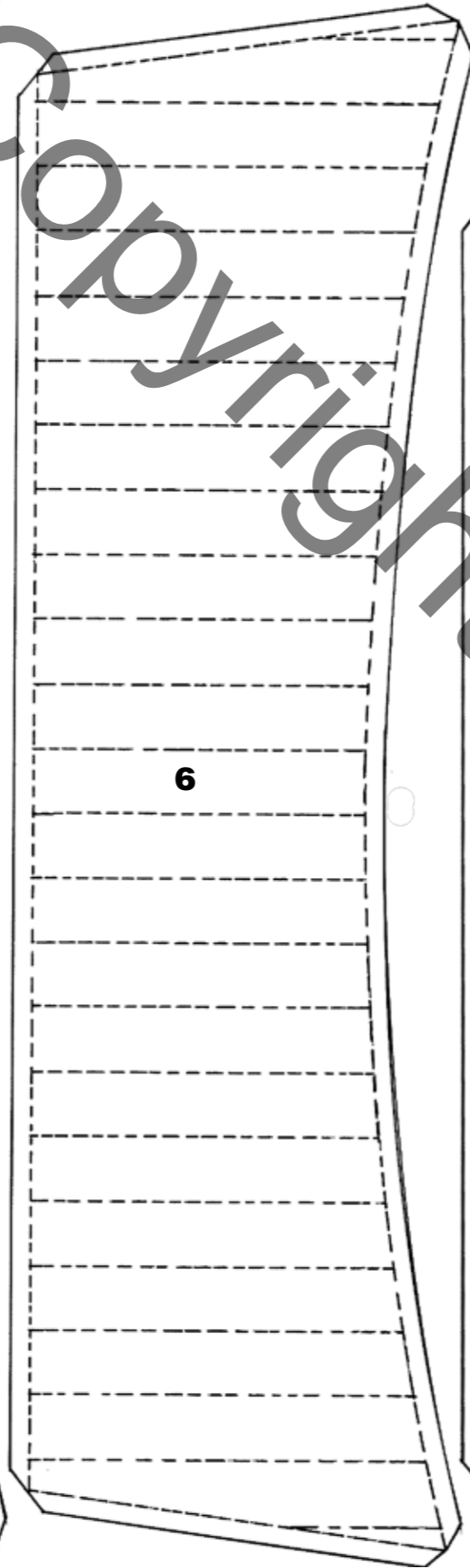
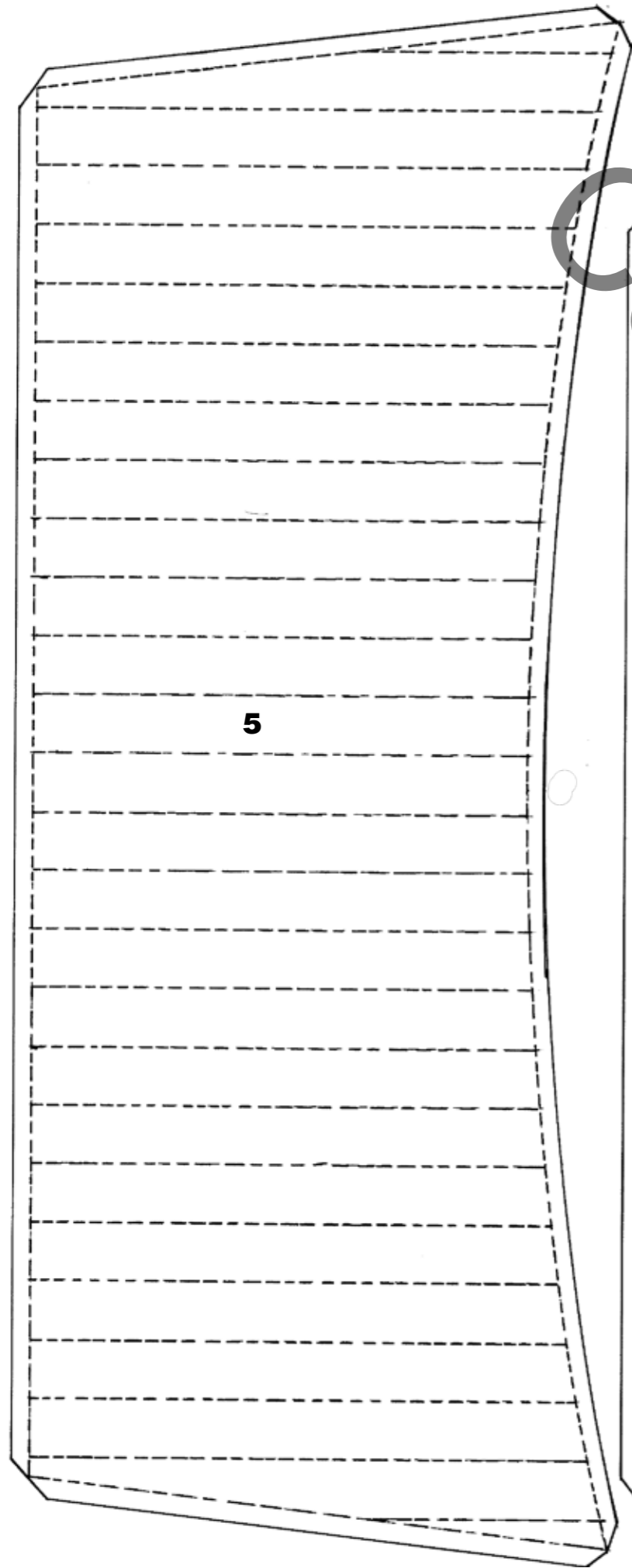
CHANGES MADE TO PLAN 4 +6.
No. 82 IS STRIP No. 35
1,8x7x780mm



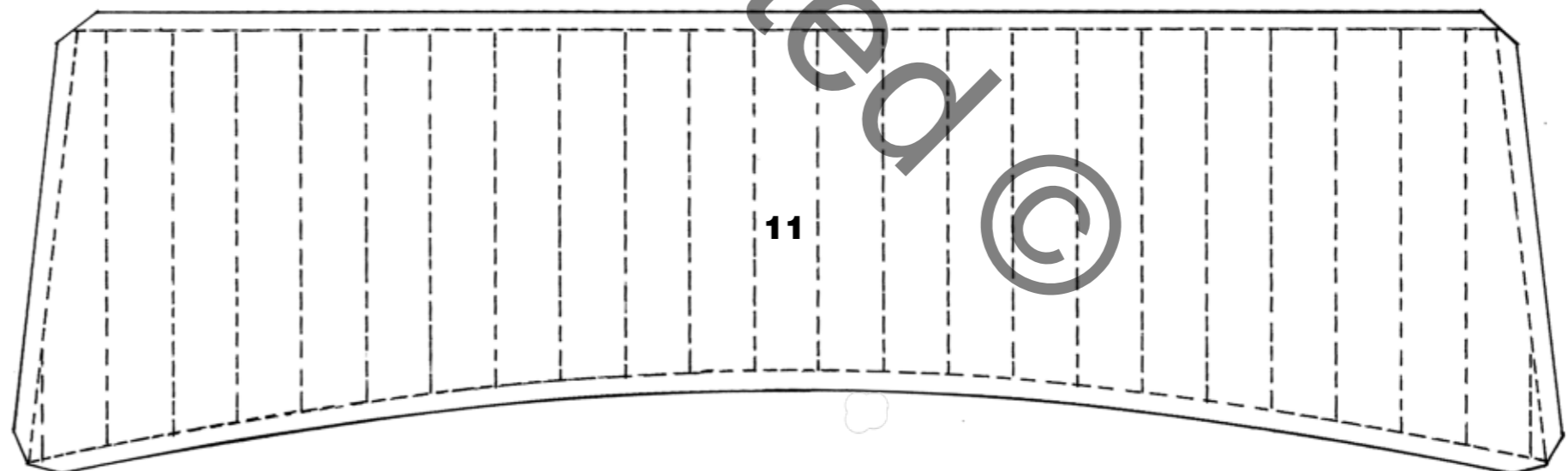
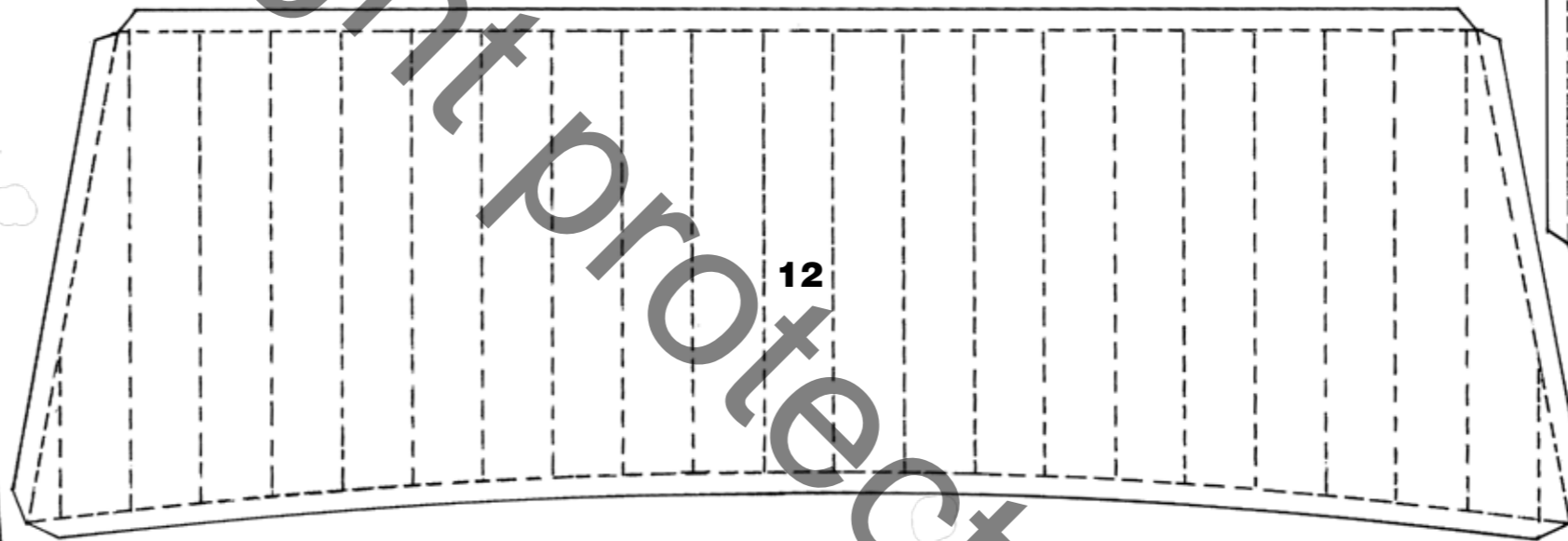
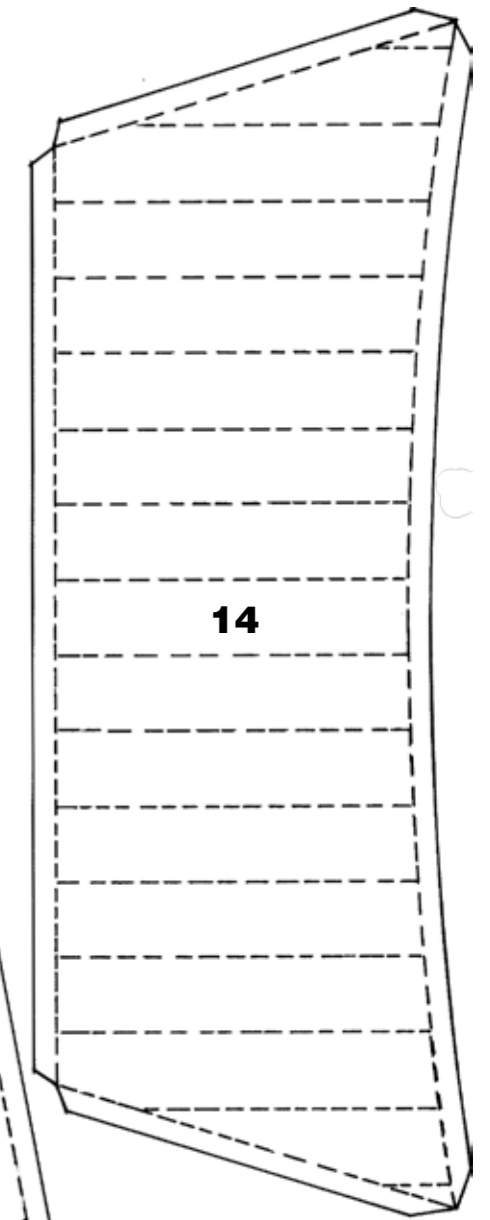
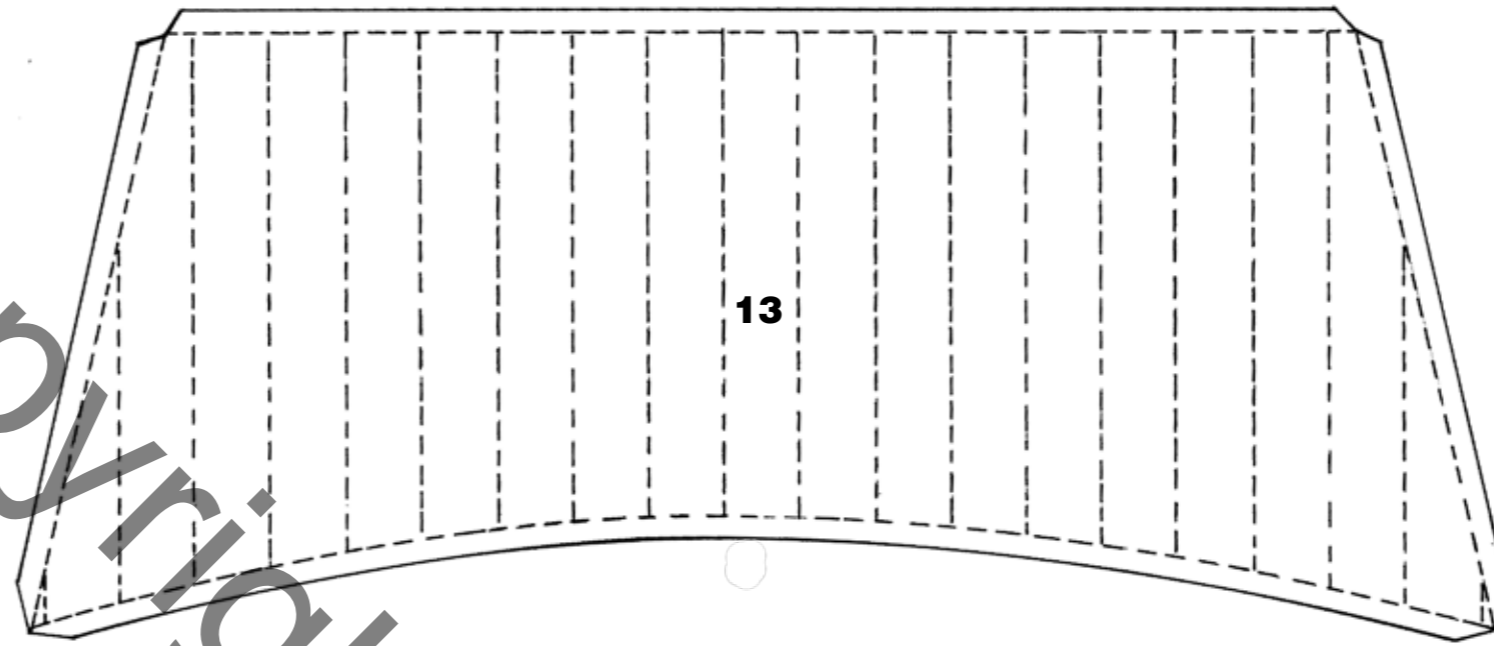
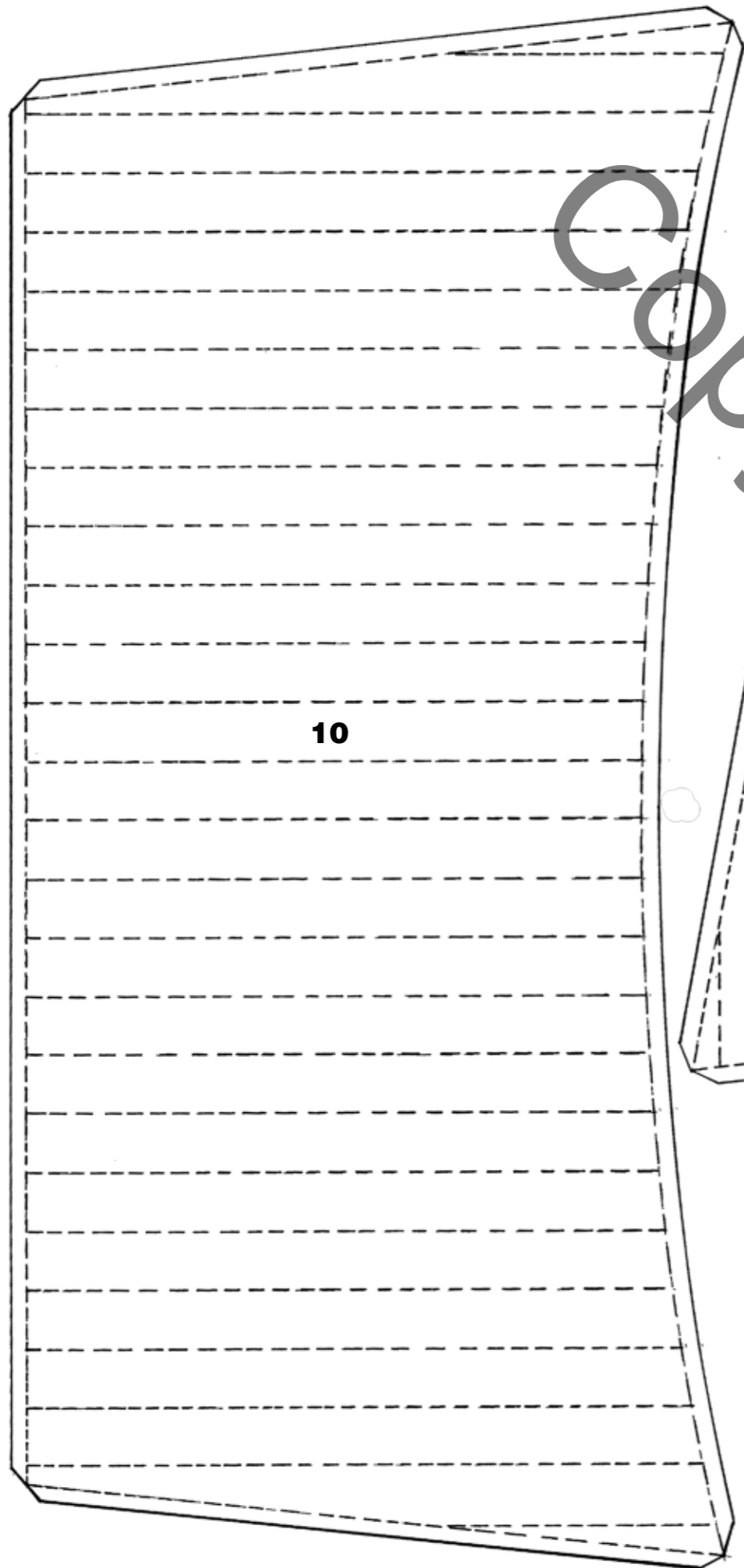
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