

CATAPULTA BIZANTINA



Art. 814



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Vernice acrilica spray - Acrylic spray color
 Acrylic spray farbe - Couleur spray acrylique
 Kleuren spray acrylic - Pintura acrylic spray

Art. 1704 400 ml

Oro - Gold - Or - Goud

Cianoacrilato
 Super glues
 Sekundenkleber
 Colles cyanoacrylates
 Secondenlijm
 Cianoacrilato
 Art. 1565 20 gr.



Art. 1015 SUPER-GLUE

Colla vinilica rapida - White glue
 Weißleim - Colle blanche
 Witte houtlijm - Cola vinílica rápida



Art. 1020 100 cc.

Vernice di fondo trasparente per legno
 Clear primer for wood
 Porenfüller, farblos für Holz
 Bouche-pores pour bois
 Primer & porienvuller voor hout
 Barniz de fondo transparente para madera



Colori acrilici ad acqua per modellismo navale
 Wash up acrylic paint for ship builder
 Die Acrylic Farbe Seifenwasser für Schiffsmodelle
 Couleurs acryliques à base d'eau pour modélisme naval
 Acrylkleuren voor modelbouw-water oplosbaar
 Pinturas acrílicas al agua para modelismo naval

Art. 1751 nero - black - schwarz - noir - zwart - negro

Art. 1753 rosso - red - rot - rouge - rood - rojo

Attrezzatura: Per la costruzione del primo stadio costruttivo di questo modello, abbiamo bisogno di alcuni attrezzi che Vi elenchiamo. Martello piccolo - Tagliabalsa con lame molto affilate - Serie limette - Rastrema listelli - Serie tamponi a carta vetrata - Carta vetrata grossa e fine - Serie spilli con testa - 6 pinzette di legno - 1 pennello. Se alcuni di questi utensili Vi dovesse mancare, li potrete acquistare dal Vostro negoziante, sulla base del catalogo attrezzistica, contenuto nella scatola.

Tools: To build this first steps of the model, below is listed some of tools needed. Small hammer - Cutter with sharp blades - Set of files - Strip clamp machine - set of sanding sticks - 2 grades of sand paper - Set of headed pins - 6 pegs - one brush. If you do not have some of these tools, you can buy them at your local hobby shop, following our tool catalogue supplied with the kit.

Werkzeug: Für den Bau der ersten Konstruktionsphase dieses Modells, benötigt man folgende unten angeführte Werkzeuge. Ein kleiner Hammer - einen Sockelschneider mit sehr scharfen Klingen - einen Satz Feilen - eine Vorrichtung zur Verjüngung der Leisten - einen Satz Schmirgelkissen - grobes und feines Sandpapier - einen Satz Stecknadeln - 6 Holzpinzetten - 1 Pinsel. Sollten Ihnen einige dieser Werkzeuge fehlen, können Sie diese bei Ihrem Händler anhand des Zubehörkatalogs, welcher ihrer Verpackung beigelegt ist, erwerben.

Équipement: Pour la construction du premier stade de construction de ce modèle, nous avons besoin de quelques outils que nous vous énumérons: Un petit marteau - un couteau à balsa avec des lames très tranchantes - une série de petites limes - l'étau à lattes - une série de cales à poncer - du papier de verre de grain gros et fin - une série d'épingles avec tête - 6 pincettes de bois - 1 pinceau. Si quelques uns de ces outils devaient vous manquer, vous pourriez les acquérir chez votre revendeur, sur la base du catalogue d'outillage, contenu dans la boîte.

De uitrustung: Voor de bouw van het eerste stadium van bouw van dit model, hebben wij enkele werktuigen nodig die wij u opsommen: Een kleine hamer - mes voor balsahout met zeer snijdende plaatjes - een reeks van kleine vijlen - de bankschroef voor lijstjes - een reeks schuurpapier ruw en fijn - een reeks spelden met hoofd - 6 tangetjes in hout - 1 penseel. Als enkele deze werktuigen u moesten gebrek hebben aan, zult u ze kunnen verkrijgen bij uw kleinhandelaar, op basis van de catalogus van werktuigen, catalogus geleverd in de doos.

Equipamiento: Para la construcción de la primera fase de este modelo, es necesario emplear algunas herramientas que pasamos a enumerar. Martillo pequeño - Cúter con las hojas muy afiladas - Varias limas - Ahusador de listones - Varios taponos de papel de lija - Papel de lija grueso y fino - Varios afiladores con cabeza - 6 pinzas de madera - 1 pincel. Si le hace falta alguna de estas herramientas, podrá adquirirla en su tienda habitual, en base al catálogo de utensilios, que se encuentra dentro de la caja.

Carta vetrata - Sand-paper - Schleifpapier
Papier de verre - Schuurpapier
Brsni papir - Papel de lija

Art. 8011 grana - grain - Körnung
korrel - gradacija - grano 80

Art. 8012 grana - grain - Körnung
korrel - gradacija - grano 180

23x27 cm.

Art. 8297

Martello professionale - Hammer - Hammer
Marteau professionnel - Professionele Hamer
Martillo profesional

Art. 8263 Couteau léger en aluminium - Light alu knife
Messer Leichte Ausführung mit Aluminiumgriff
Couteau léger en aluminium - Licht mes in aluminium
Cuchillo ligero de aluminio

Art. 8200 5P.

Lame inclinée - Ersatzklingen
Long angled blade - Lame inclinée
Schuin blad - Cuchilla inclinada



Art. 8178
Mollette di serraggio
Pegs - Pincos -
Klammern - Knijpers
Pinzas de sujeción



Art. 8298
Mandrin manuale
Pin vise
Hand-bohr-futter
Mandrin à main
Hand spankop
Mandril manual



Levigatori a carta vetrata doppia faccia - Double face sanding stick
Schleifer mit 2-Schleifpapieren - Stick à poncer double face
Schuurblok voor 2-zijds schuurpapier - Pulidor de hoja de doble lija

Grana - Grain - Körnung - Korrel - Grano 80 e 220

Art. 8190 mm 20x80

Art. 8191 mm 30x100

Art. 8192 mm 40x120

Art. 8193 mm 50x140

Art. 8194 mm 60x160

Art. 8195 Serie 5 pezzi - Set of 5 pieces - Satz 5 stück

Assortiment de 5 pièces - Série 5 pièces



Art. 1556

Pennello - Brush - Pinsel - Pinceau - Borstet - Pincel

Spilli da lavoro - Plastic-head pins
Stecknadeln
Epingles à tête en plastique
Steeknaalden
Afiladores de trabajo

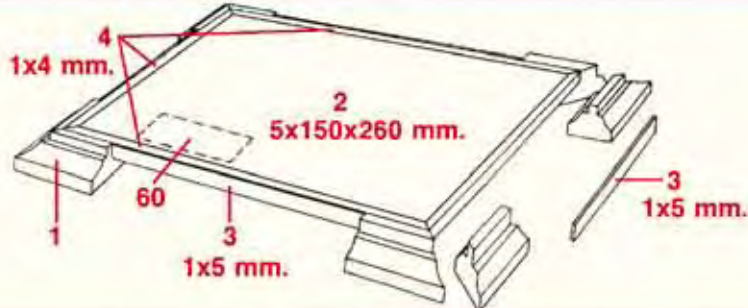


Art. 2476



Art. 8300

Serie limette con impugnatura - Set of files with handle
Nadelfeilen-Set - Set limes avec manche
Set van vijlen met heft - Varias limas con empuñadura



1



Incollare - Glue
Kleben - Coller
Lijm - Encolar



Raschiare - Scrape
Glattung - Nettoyer
Schepen
Para raspar

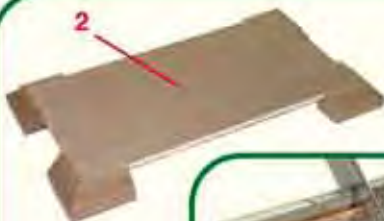


Stendere la colla
Place the glue
Leim auftragen
Mettre la colle
De lijm uitspreiden
Coloque el
pegamento



2

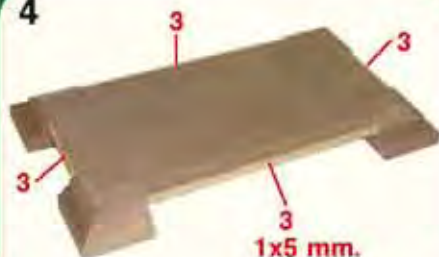
2



3



4



Carteggiare - Sand - Schleifen - Poncer
Schuur - Lijf

5



Art. 1020

Proteggere la superficie con due mani di turapori
Protect the surface with two coats of sanding sealer.

Die Oberfläche muss mit Porenabdichtung
zweilagig geschützt werden

Protéger la surface avec deux couches de bouche-pores.

De oppervlakte twee maal bewerken met gatenstuc.

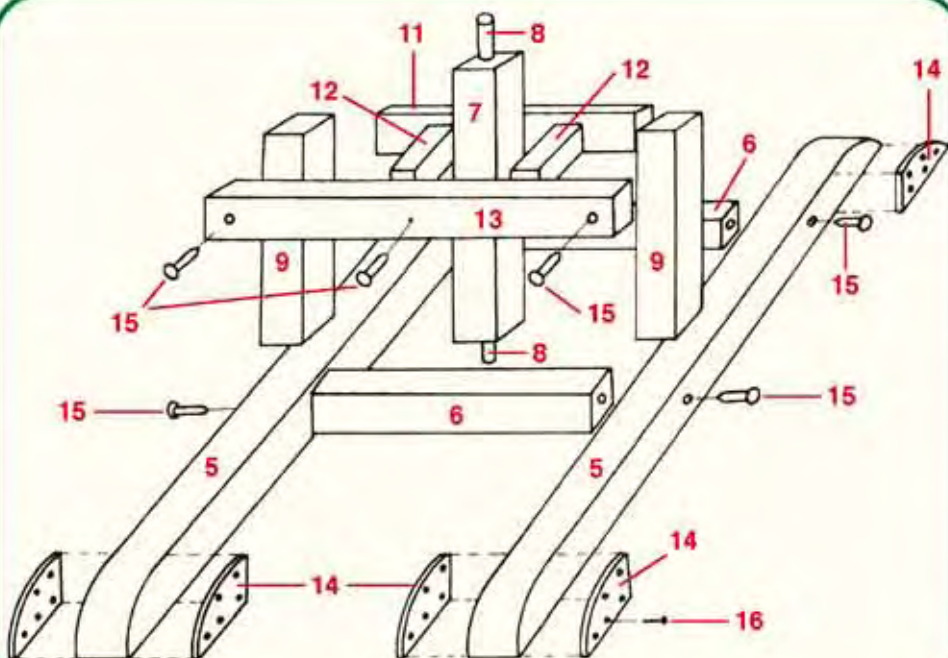
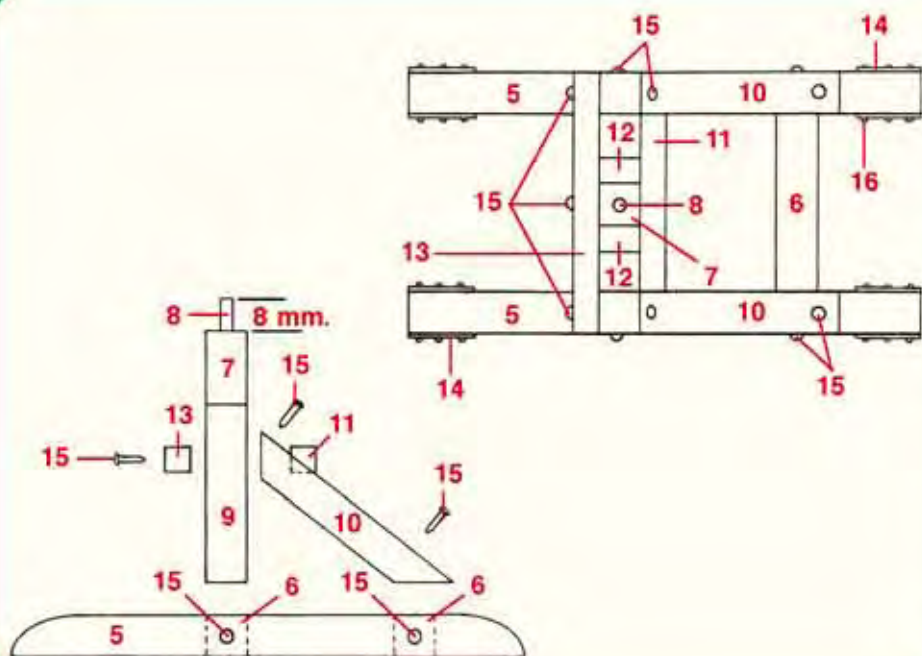
Tratar la superficie con tapaporos.

4

1x4 mm.



6



7



Incollare - Glue - Kleben - Coller - Lijm - Encolar



8x8x125 mm.

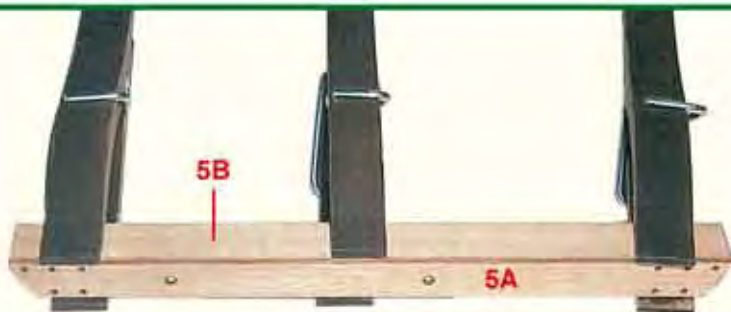
5

8



5A

9



5B

5A

10



Carteggiare - Sand
Schleifen - Poncer
Schoor - Lijst



11



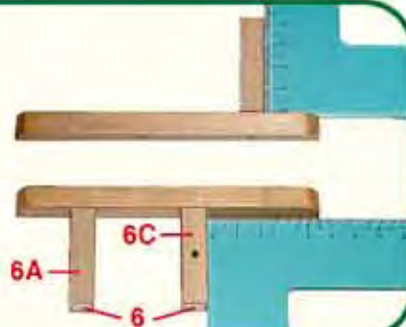
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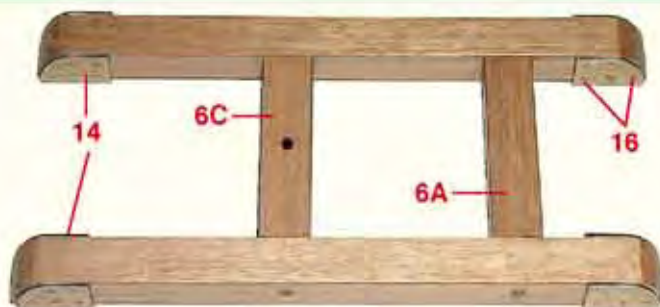


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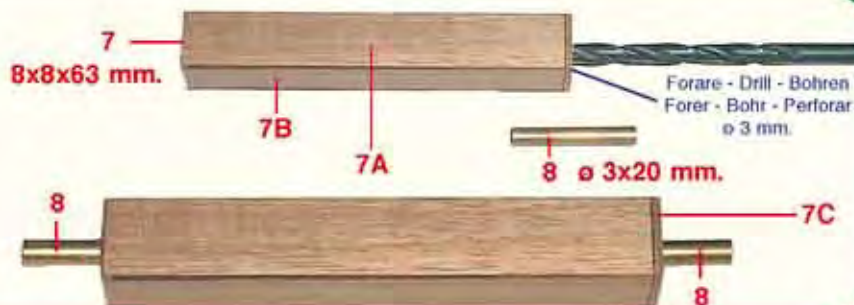




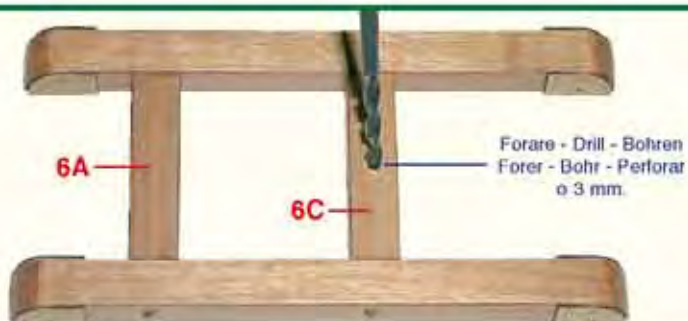
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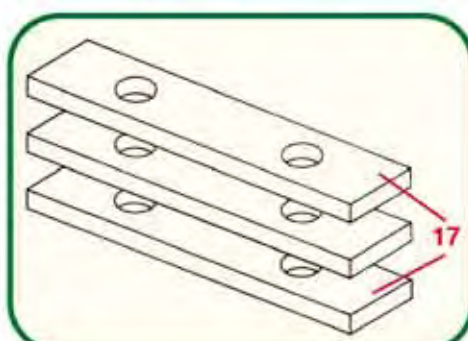
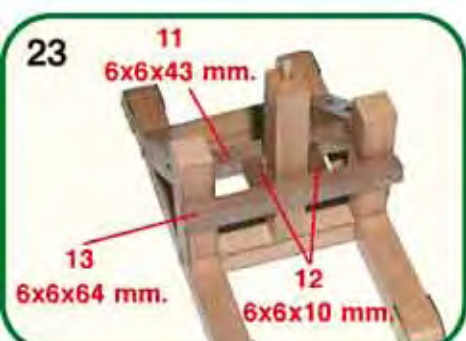
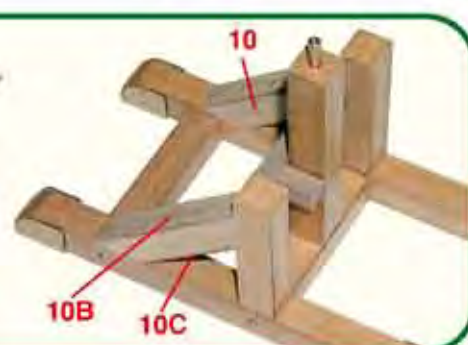
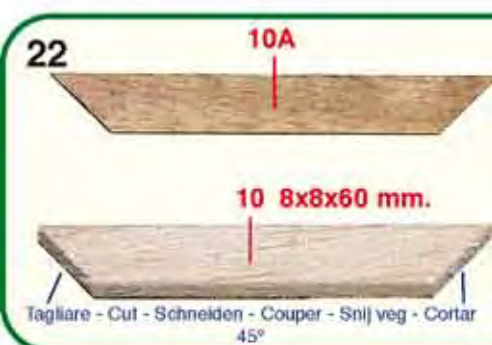
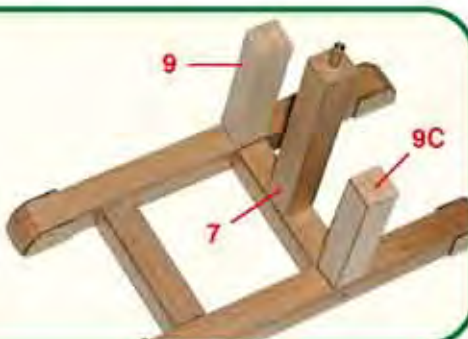
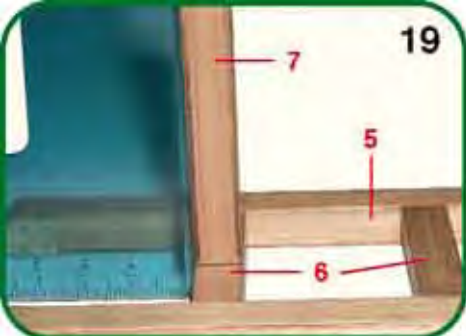


17



18





24 Incollare - Glue - Kleben - Coller
Lijm - Encolar



25



27



28



29

Incollare - Glue - Kleben - Coller
Lijm - Encolar



30



31



32

50

Listello noce
Walnut strip
Nussholzleiste
Baguette de noyer
Stokje van notelaar
Listone de nogal
1x4 mm



33

50

Carteggiare - Sand - Schleifen - Poncer
Schuur - Lijf



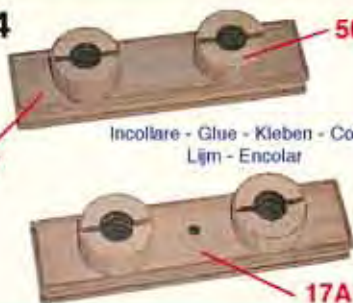
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50

Incollare - Glue - Kleben - Coller
Lijm - Encolar

17

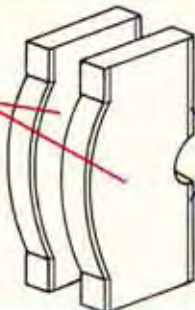
17A



35

18

Listello noce
Walnut strip
Nussholzleiste
Baguette de noyer
Stokje van notelaar
Listone de nogal
1x4 mm



Incollare - Glue - Kleben - Coller
Lijm - Encolar

18

18

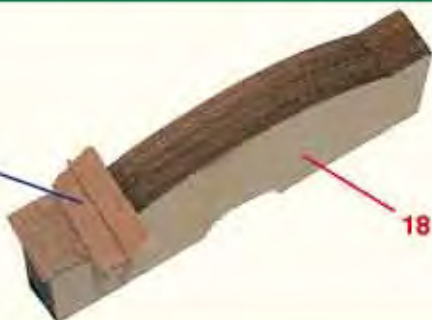
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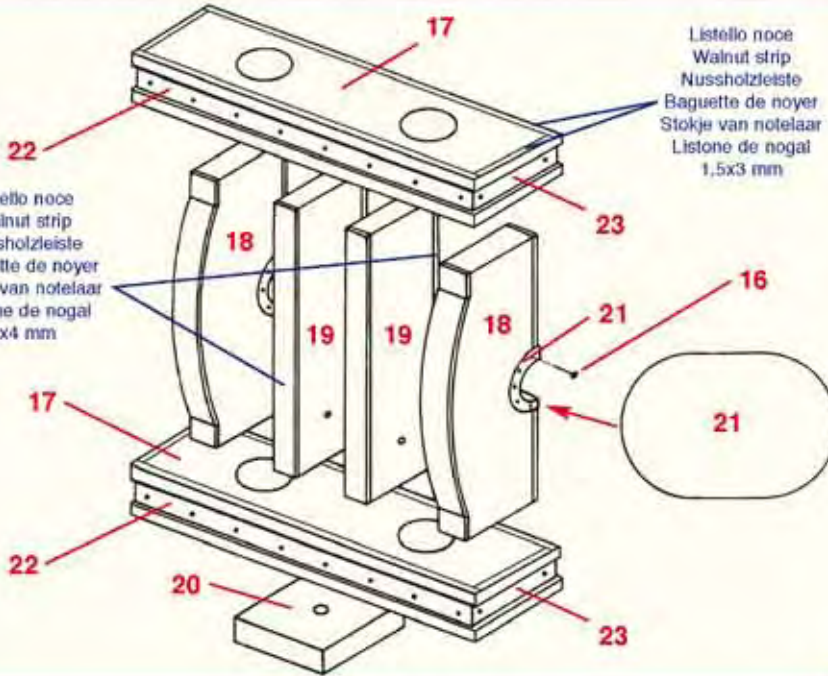


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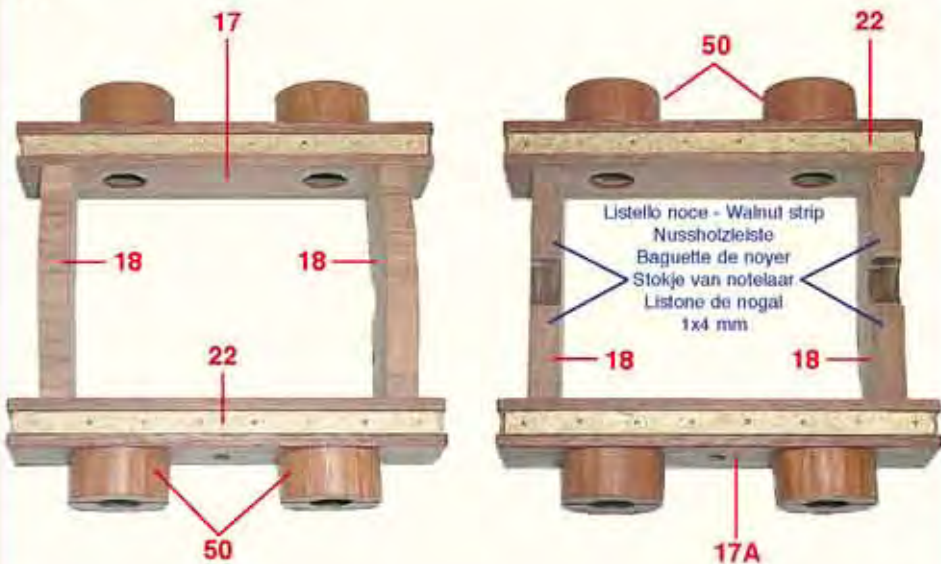
Listello noce
Walnut strip
Nussholzleiste
Baguette de noyer
Stokje van notelaar
Listone de nogal
1x4 mm

18





38

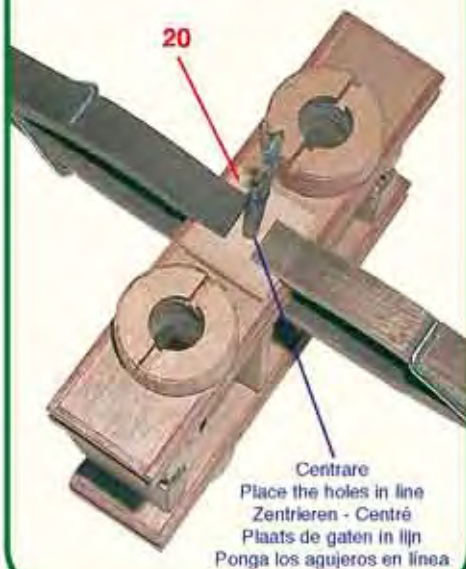


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40

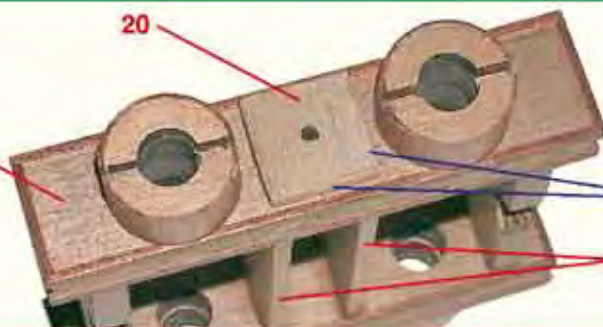
Incollare - Glue - Kleben - Coller
Lijm - Encolar



41

20

17A



19

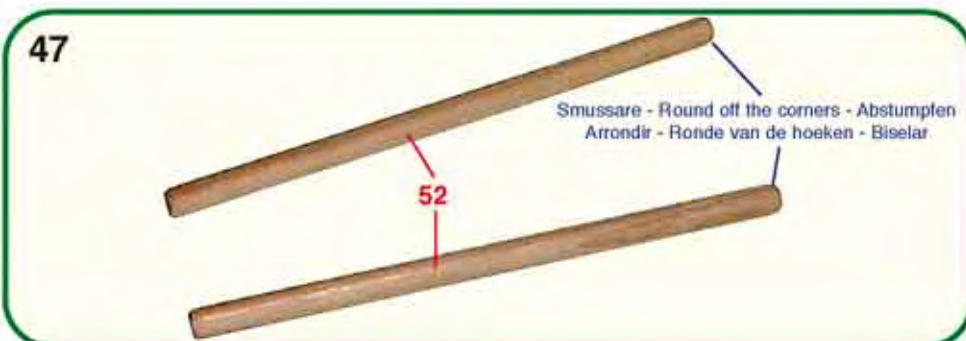
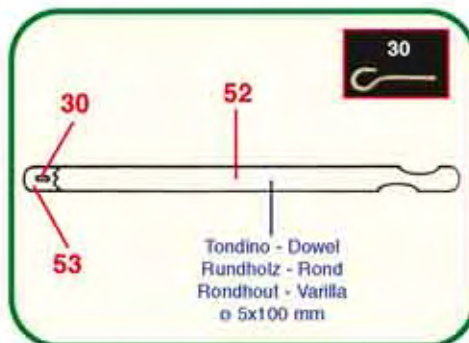
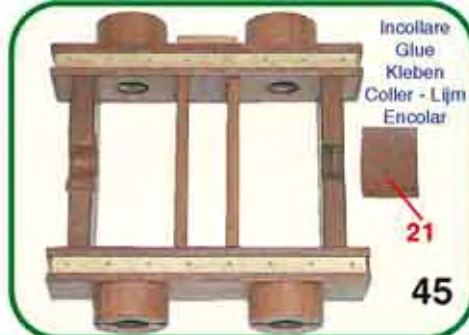


Incollare - Glue
Kleben - Coller
Lijm - Encolar

42



43



51

Canapa
Rope
Takelgarn
Cordage
Touw
Hilo
ø 0,75 mm

50

46

50

51

49

Incollare - Glue - Kleben - Collet - Lijm - Encollar

51

125 mm.

50

Canapa - Rope - Takelgarn
Cordage - Touw - Hilo
ø 0,75 mm

51

52

46

52

51

53

46

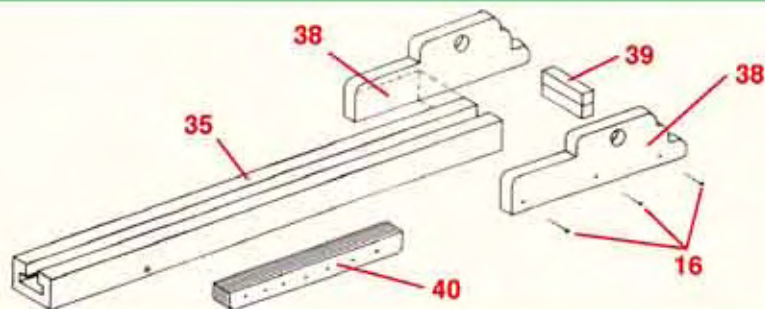
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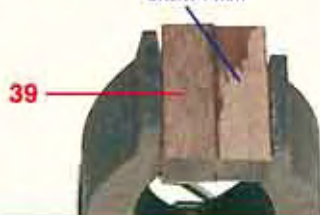
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51

54



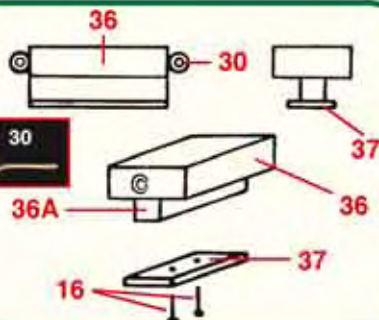
- 57** Listello noce - Walnut strip - Nussholzleiste
 Baguette de noyer - Stokje van notelaar
 Listone de nogal
 5x5x14 mm



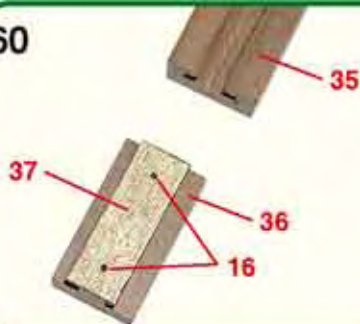
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59



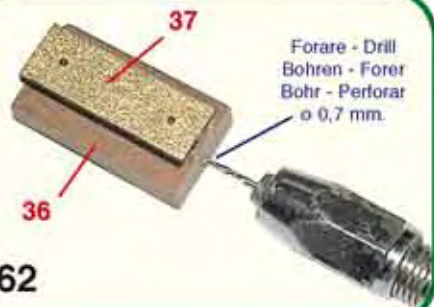
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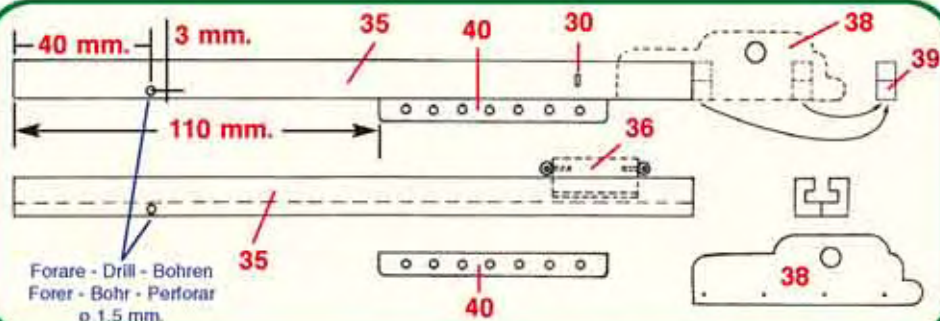
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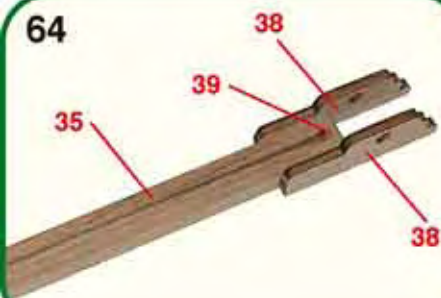
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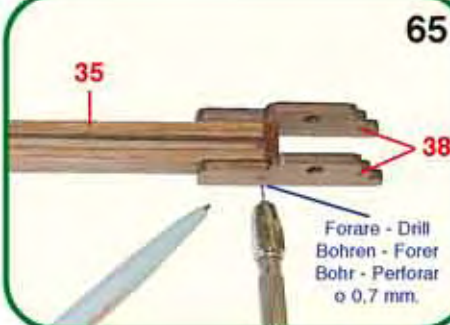
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64



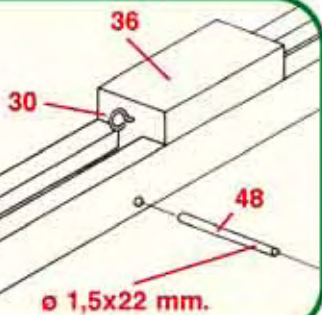
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66



67



68

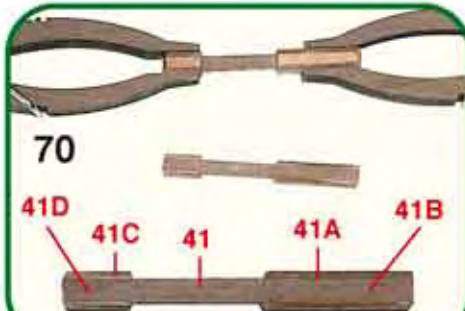


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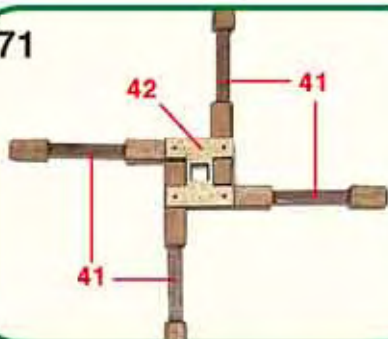


Listello noce - Walnut strip - Nussholzleiste
Baguette de noyer - Stokje van notelaar
Listone de nogal
3x3x45 mm

70

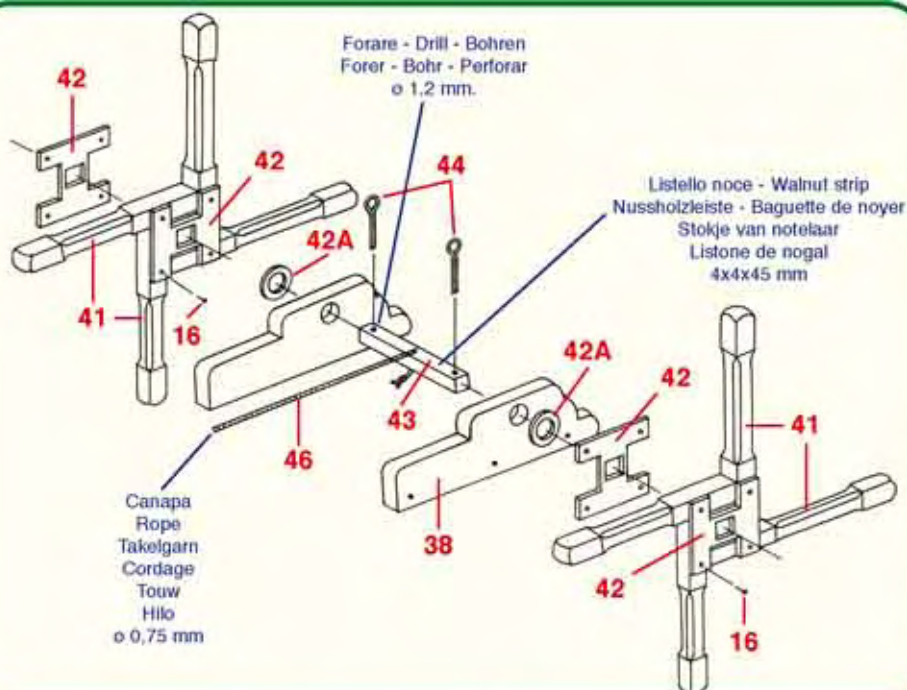


71



72





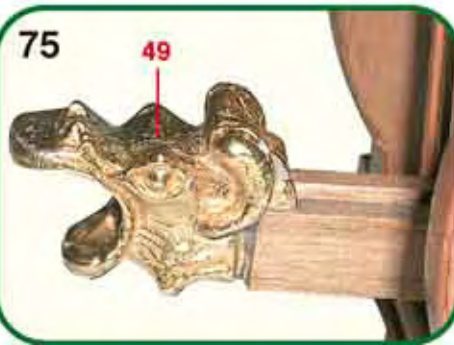
73



74



75



Incollare - Glue - Kleben
Coller - Lijm - Encolar



Incollare - Glue - Kleben
Coller - Lijm - Encolar



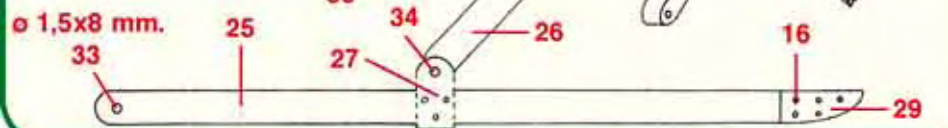
33 | 34 |

8 mm. | 8 mm. |

Tagliare - Cut
 Schneiden - Couper
 Snij weg - Cortar

o 1,5x22 mm.

34 ø 1,5x8 mm.

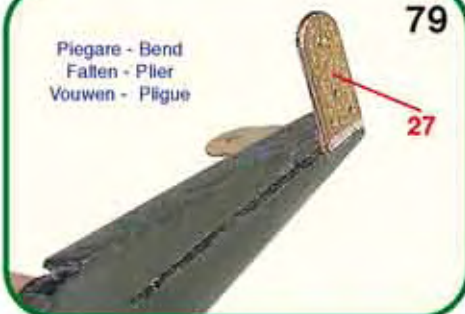


27



Piegare - Bend
Fallen - Plier
Vouwen - Plieue

27



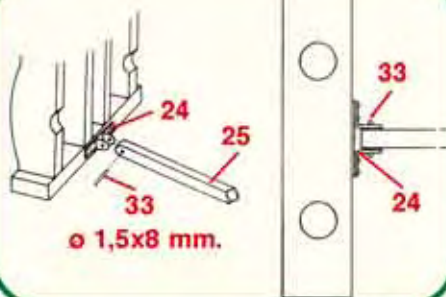
27



81

Rinforzare
Reinforce
Befestigen
Renforcer
Versterk
Refuerza





82 Listello noce - Walnut strip - Nussholzleiste
 Baguette de noyer - Stokje van notelaar
 Listone de nogal 6x6x130 mm



83 Listello noce - Walnut strip
 Nussholzleiste - Baguette de noyer
 Stokje van notelaar - Listone de nogal
 6x6x45 mm



84



85

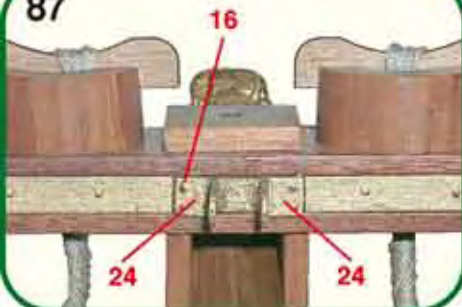


Listello noce - Walnut strip
 Nussholzleiste - Baguette de noyer
 Stokje van notelaar - Listone de nogal
 1x5x20 mm

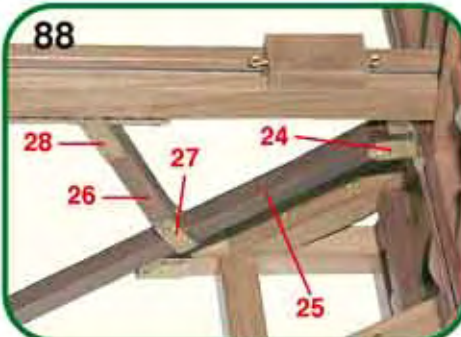
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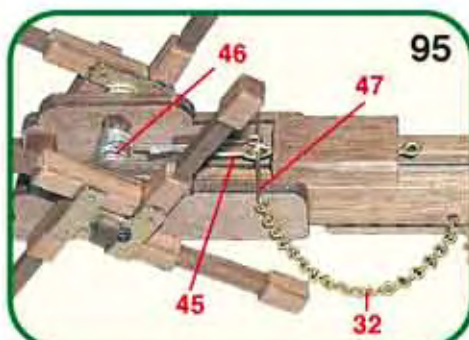
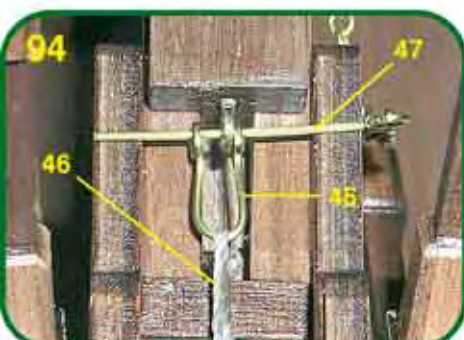
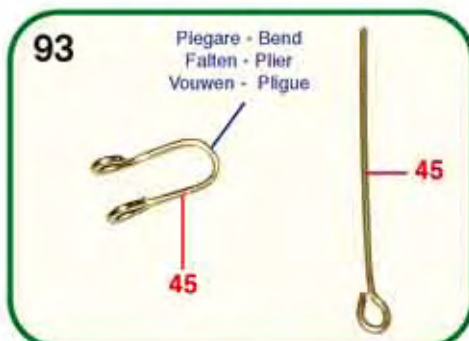
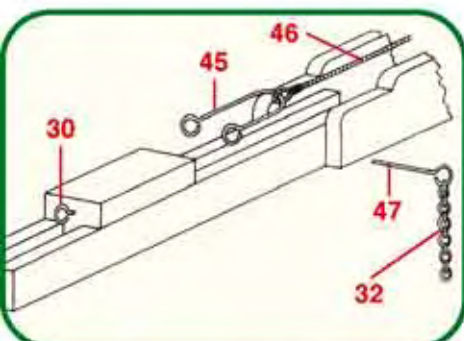
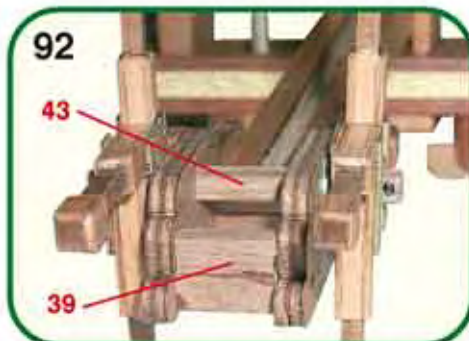
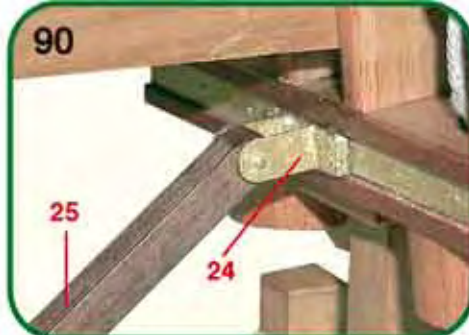
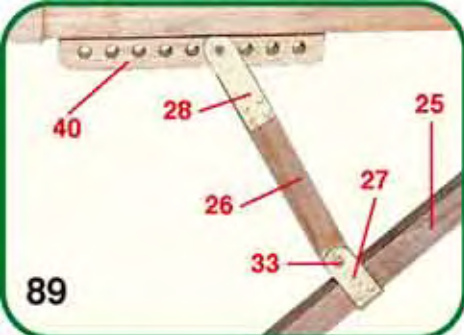


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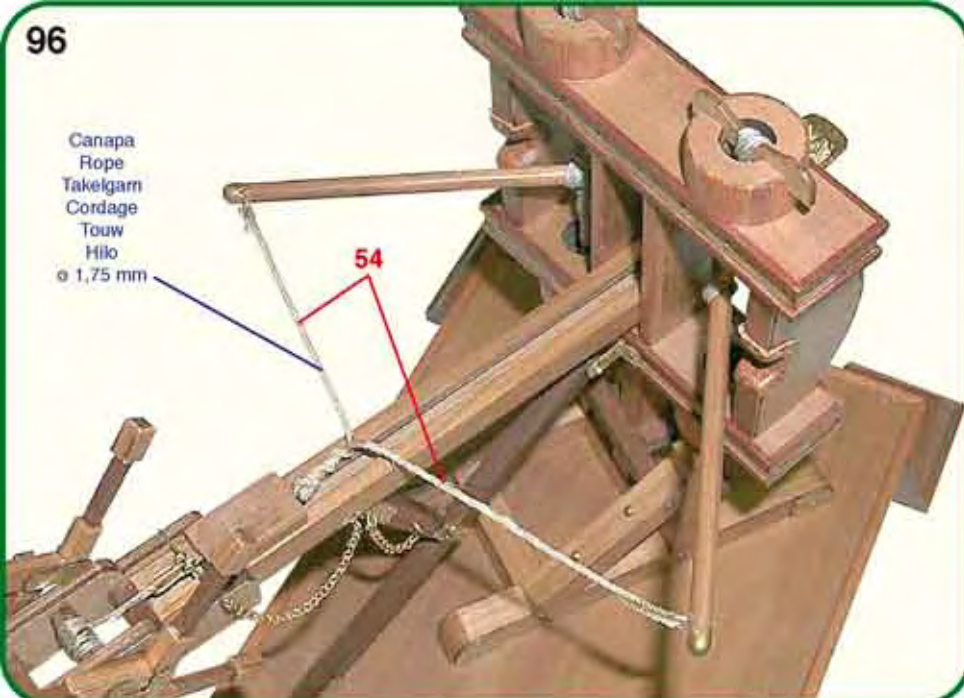
88





96

Canapa
Rope
Takelgarn
Cordage
Touw
Hilo
ø 1,75 mm



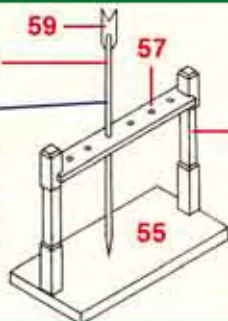
59

58

57

56

Tondino
Dowel
Rundholz
Rond
Rondhout
Varilla
ø 2x75 mm



97

55



Listello noce - Walnut strip
Nussholzleiste - Baguette de noyer
Stokje van notelaar - Listone de nogal
1x4 mm

Carteggiare - Sand - Schleifen
Poncer - Schuur - Lijf

98

55



99



Incollare - Glue - Kleben
Coller - Lijm - Encolar

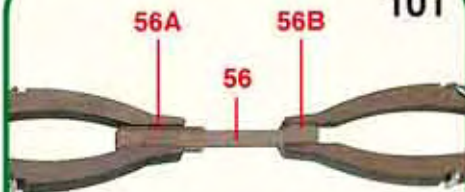


100



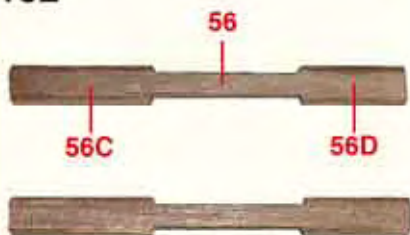
Listello noce - Walnut strip - Nussholzleiste
Baguette de noyer - Stokje van notelaar
Listone de nogal
3x3x55 mm

101



Incollare - Glue - Kleben
Coller - Lijm - Encolar

102



103

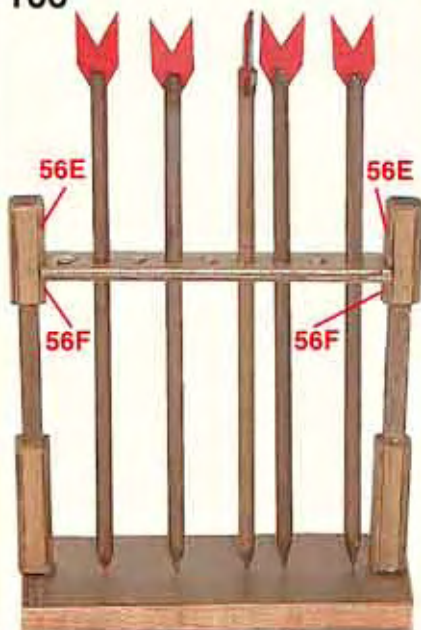


104



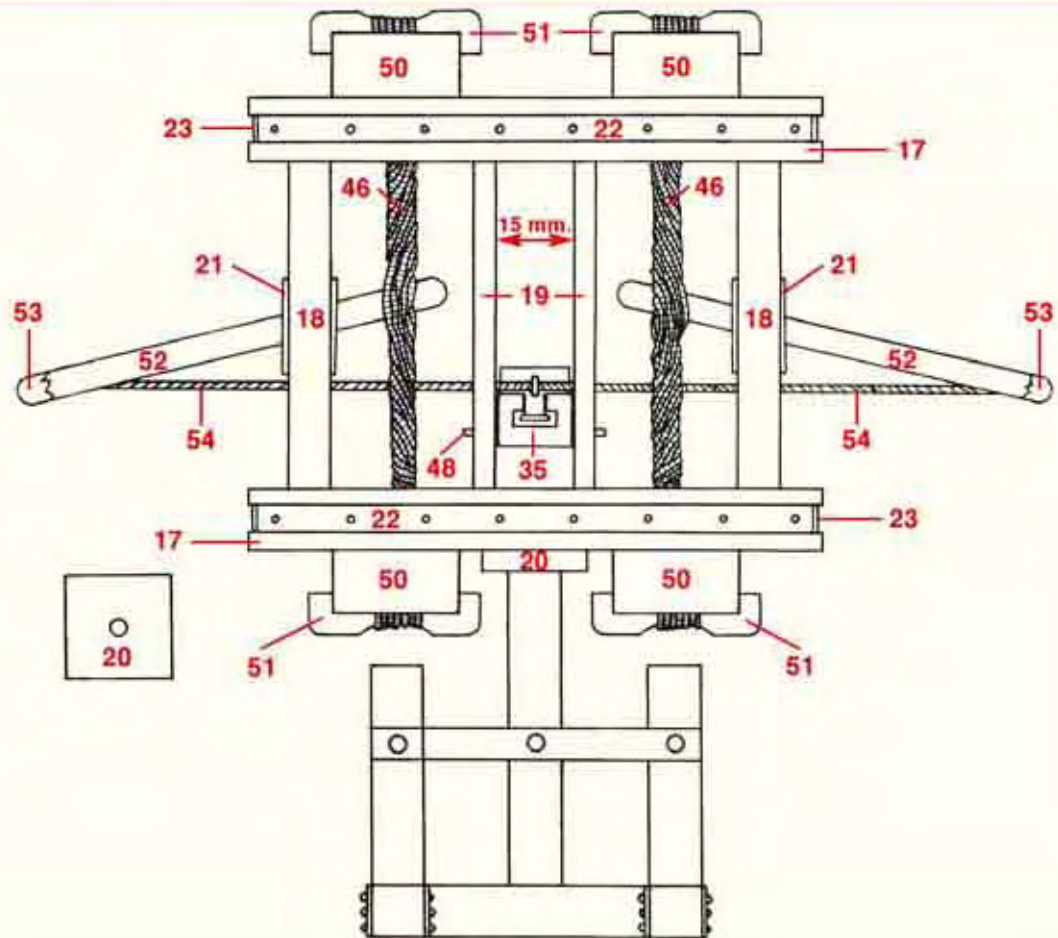
Tondino - Dowel
Rundholz - Rond
Rondhout - Varilla
ø 2x75 mm

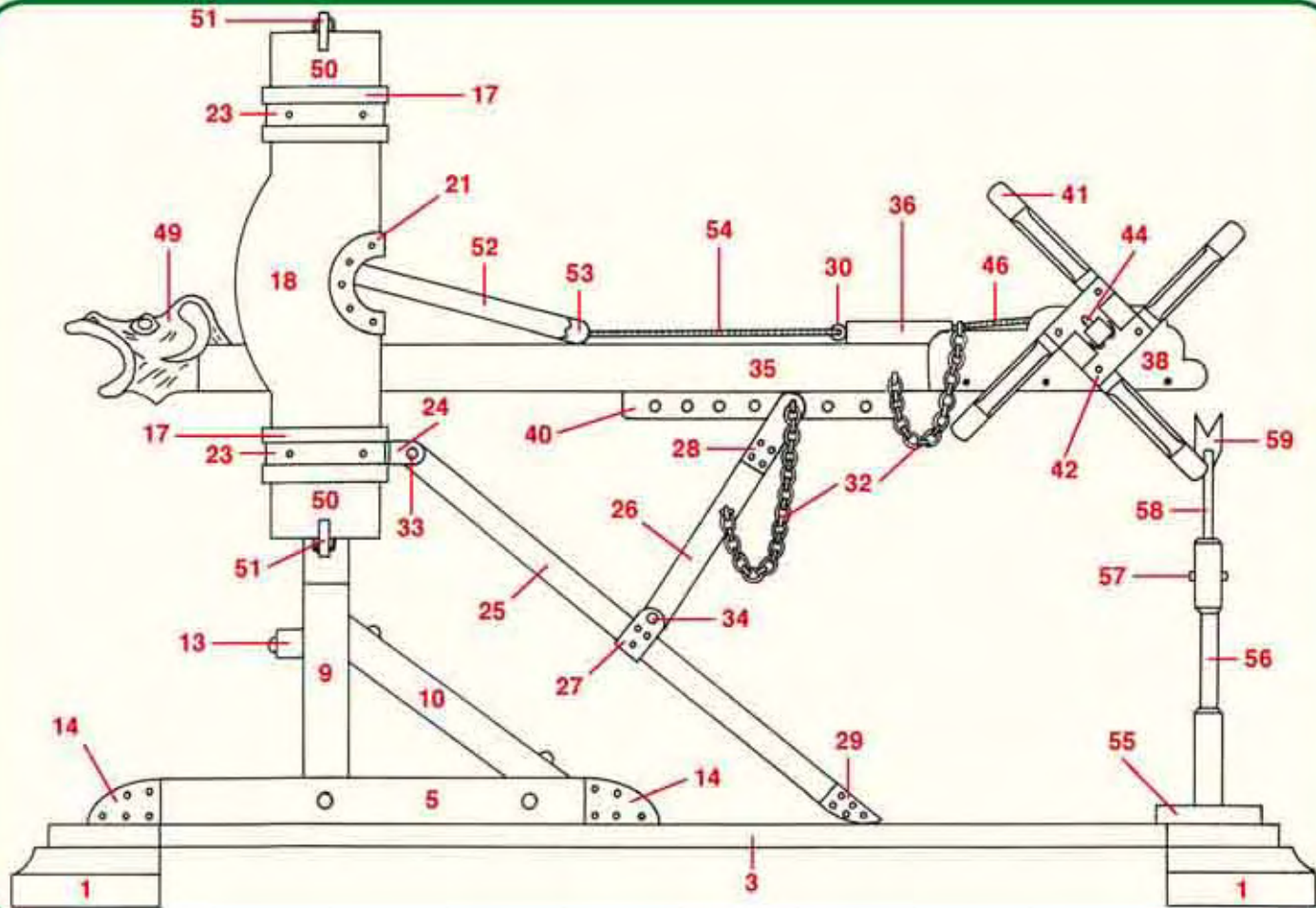
106



105







51

51

51

51

○ 10B ○

○
7C

○ 10B ○

6A

○ 6C

6A

6B

6B

6B

6B

9B

9B

6A

9A

9A

10C

9A

9A

9B

10C

9B

10A

10A

9C

10A

10A

9C

5C

5B

5B

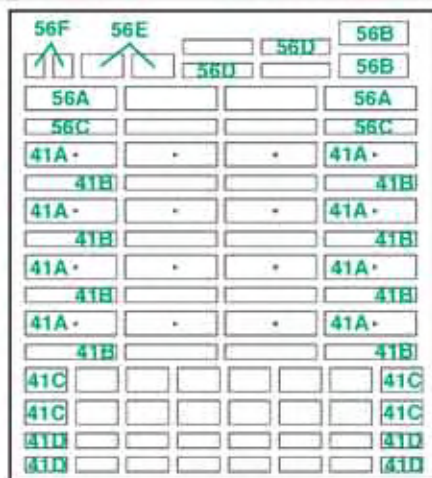
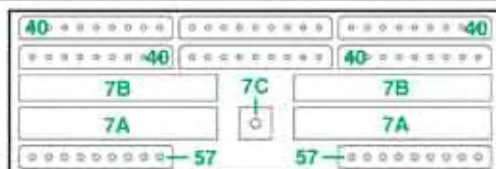
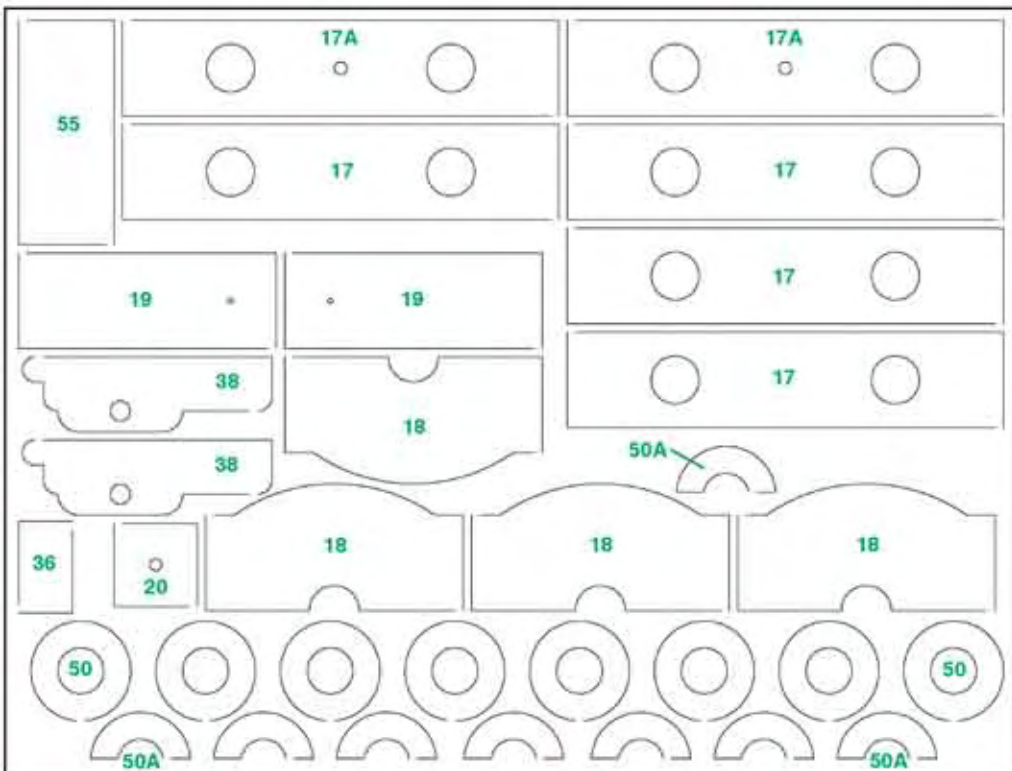
5C

○ 5A ○

○ 5A ○

○ 5A ○

○ 5A ○



DATA MATERIALI	MATERIAL LIST	MATERIALISTE	LISTE DI MATERIEL	MATERIALENLIJST	LISTA DE MATERIALES	mm.	Quan.	Anz.	Disegno N.
Descrizione	Description	Beschreibung	Description	Beschrijving	Descricio		Aan.		Ident N. Nr.
Tavola laser	Laser sheet	Laserschnitten	Planche laser decoupé	Laser plank	Tabla laser	4x188x247	1		17-17A-18-19-20 36-38-50-50A-55
Tavola laser-incisa	Engraved sheet	Laser eingeschnitten	Planche laser-gravée	Laser ingesneden plank	Tabla laser grabó	1x110x150	1		5A-5B-5C-9C-10A
Tavola laser-incisa	Engraved sheet	Laser eingeschnitten	Planche laser-gravée	Laser ingesneden plank	Tabla laser grabó	1x110x148	1		6A-6B-6C-7C-9A 9B-10B-10C-51
Tavola laser-incisa	Engraved sheet	Laser eingeschnitten	Planche laser-gravée	Laser ingesneden plank	Tabla laser grabó	1x110x93	1		41A-41B-41C-41D 56A-56B-56C 56D-56E-56F
Tavola laser-incisa	Engraved sheet	Laser eingeschnitten	Planche laser-gravée	Laser ingesneden plank	Tabla laser grabó	1x53x154	1		7A-7B-7C-40-57
Tavola laser-incisa	Engraved sheet	Laser eingeschnitten	Planche laser-gravée	Laser ingesneden plank	Tabla laser grabó	0,8x125x125	1		14-22-23-24-27-28 29-37-42-59-60
Piano basamento	Base board	Platte	Socle base	Basis board	Plano base	5x150x260	1		2
Cornici basamento	Sides	Rahmen	Support de socle	Hoekanten	Marcos base	18x22x40	8		1
Listelli noce	Walnut strips	Nußbaumleisten	Listeaux en noyer	Strips notelaar	Listones de nogal	1x5x210	3		3
Listelli noce	Walnut strips	Nußbaumleisten	Listeaux en noyer	Strips notelaar	Listones de nogal	1x4x270	14		4
Listelli balsa	Balsa strips	Balsaleisten	Listeaux en balsa	Strips in balsa	Listones de balsa	8x8x250	3		5-6-7-9-10
Listelli noce	Walnut strips	Nußbaumleisten	Listeaux en noyer	Strips notelaar	Listones de nogal	6x6x200	2		11-12-13-25-26
Listelli noce	Walnut strips	Nußbaumleisten	Listeaux en noyer	Strips notelaar	Listones de nogal	3x3x260	2		41-56
Listelli noce	Walnut strips	Nußbaumleisten	Listeaux en noyer	Strips notelaar	Listones de nogal	4x4x100	1		36A-43
Listelli noce	Walnut strips	Nußbaumleisten	Listeaux en noyer	Strips notelaar	Listones de nogal	5x5x70	1		39
Listelli noce	Walnut strips	Nußbaumleisten	Listeaux en noyer	Strips notelaar	Listones de nogal	1,5x3x250	5		-
Tondino	Dowel	Rundholz	Rond	Rondhout	Varilla	ø 5x200	1		52
Tondini	Dowels	Rundholz	Ronds	Rondhout	Varilla	ø 2x240	2		58
Perni ottone	Brass pins	Messingdrähte	Tourillons en laiton	Koperen pinnen	Eje de latón	ø 3x20	2		8
Chiodini ottone	Brass nails	Drahtstifte-Messing	Clous en laiton	Koperen nagels	Clavos de latón	ø 0,7x8	100		16
Chiodi ottone	Brass nails	Drahtstifte-Messing	Clous en laiton	Koperen nagels	Clavos de latón	ø 1,5x8	13		15
Foglio pelle	Skin piece	Hautstück	Morceau de pelle	Huid stuk	Pedazo de la piel	20x50	1		21
Occhielli	Eye-lets	Augbolzen, verkupfert	Piton	Oogjes	Cáncamo con vástago	ø 3,5x20	3		31-45-47
Occhielli	Eye-lets	Augbolzen, verkupfert	Piton	Oogjes	Cáncamo con vástago	ø 5x8	6		30
Perni ottone	Brass pins	Messingdrähte	Tourillons en laiton	Koperen pinnen	Eje de latón	ø 1,5x22	2		33-34-48
Catena	Chain	Kette	Chaine	Ketting	Cadena	ø 3x100	1		32
Guide	Guides	Falz	Glissières	Gidsen	Guías	7x10x180	2		35
Rondelle	Washer	Unterlagscheibe	Rondelle	Rondel	Arandela	ø 5	2		42A
Coppiglie	Cotter pins	Splint	Goupilles	Splitpennen	Chavetas	8	2		44
Canapa chiara	Clear rope	Takelgarn Grau	Cordage clair	Licht touw	Hilo, claro	ø 0,75x8mt.	1		46
Canapa chiara	Clear rope	Takelgarn Grau	Cordage clair	Licht touw	Hilo, claro	ø 1,75x600	1		54
Testa di drago	Dragon head	Drachekopf	Tête de dragon	Het hoofd van de draak	Cabeza del dragón	-	1		49
Cappucci	Heads	Köpfe	Capuchon	Hoofden	Cabezas	5x6	2		53
Libretto istruzioni	Instruction book	Anleitungen	Instructions	Handleiding	Libro de instrucciones	-	1		-