

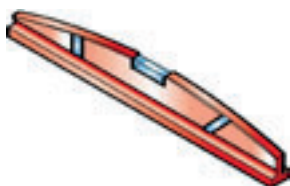


tulip

fontanot



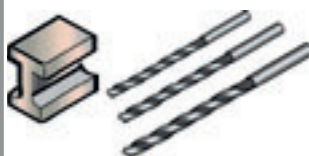
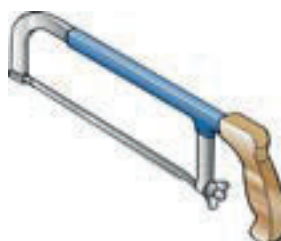
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13 mm  
17 mm  
30 mm



1,5 mm      4 mm  
2 mm        5 mm  
2,5 mm      6 mm  
3 mm        12 mm

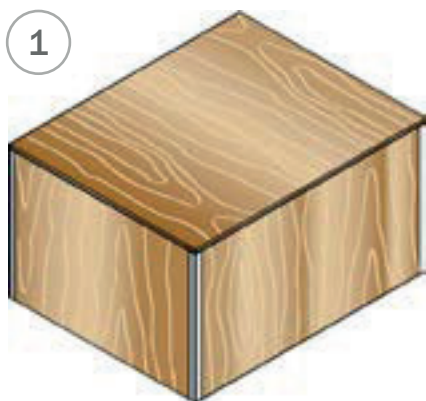


Ø 2,5 mm  
Ø 3,5 mm  
Ø 5 mm



Ø 8 x 120 mm  
Ø 12 x 120 mm  
Ø 14 x 150 mm

1



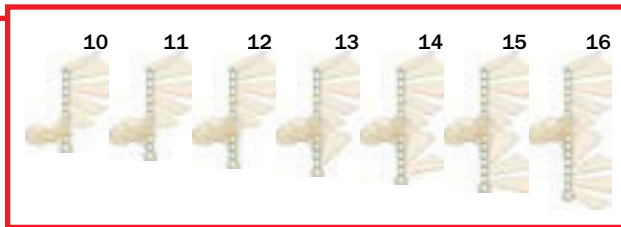
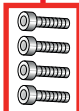
2



3



10	11	12	13	14	15	16
1	1	2	2	4	5	7



A12



10	11	12	13	14	15	16
3	3	3	3	3	3	3

A13



10	11	12	13	14	15	16
3	3	4	4	4	5	5

A15



10	11	12	13	14	15	16
2	2	2	2	2	2	2

B02



10	11	12	13	14	15	16
30	33	36	39	42	45	48

B03



10	11	12	13	14	15	16
1	1	1	1	1	1	1

B04



10	11	12	13	14	15	16
1	1	1	1	1	1	1

B05



10	11	12	13	14	15	16
1	1	1	1	1	1	1

B12



10	11	12	13	14	15	16
10	10	10	10	10	10	10

B13



10	11	12	13	14	15	16
3	3	3	3	3	3	3

B17



10	11	12	13	14	15	16
1	1	1	1	1	1	1

B33



10	11	12	13	14	15	16
2	2	3	3	3	4	4

B46



10	11	12	13	14	15	16
2	2	2	2	2	2	2

**B47**

10	11	12	13	14	15	16
1	1	1	1	1	2	2

**B82**

10	11	12	13	14	15	16
18	20	22	24	26	28	30

**B95**

10	11	12	13	14	15	16
2	2	2	2	2	2	2

**C03**

10	11	12	13	14	15	16
19	21	23	25	27	29	31

**C04**

10	11	12	13	14	15	16
1	1	1	1	1	1	1

**C49**

10	11	12	13	14	15	16
3	3	3	3	3	3	3

**C50**

10	11	12	13	14	15	16
3	3	3	3	3	3	3

**C54**

10	11	12	13	14	15	16
1	1	1	1	1	1	1

**C57**

10	11	12	13	14	15	16
53	59	65	71	77	83	89

**C58**

10	11	12	13	14	15	16
15	15	15	15	15	15	15

**C63**

10	11	12	13	14	15	16
19	21	23	25	27	29	31

**C64**

10	11	12	13	14	15	16
45	49	53	57	61	65	69

**C65**

10	11	12	13	14	15	16
19	21	23	25	27	29	31

**C66**

10	11	12	13	14	15	16
19	21	23	25	27	29	31

**C71**

10	11	12	13	14	15	16
27	30	33	36	37	42	45

C72



10	11	12	13	14	15	16
1	1	1	1	1	1	1

C79



10	11	12	13	14	15	16
1	1	1	1	1	1	1

C81



10	11	12	13	14	15	16
1	1	1	1	1	1	1

CC8



10	11	12	13	14	15	16
2	2	2	2	2	2	2

D01



10	11	12	13	14	15	16
6	6	6	6	6	6	6

D08



10	11	12	13	14	15	16
70	77	84	91	98	105	112

D12



10	11	12	13	14	15	16
1	1	1	1	1	1	1

D15



10	11	12	13	14	15	16
10	11	12	13	14	15	16

D43



10	11	12	13	14	15	16
1	1	1	1	1	1	1

D72



10	11	12	13	14	15	16
2	2	3	3	3	4	4

E02



10	11	12	13	14	15	16
1	1	1	1	1	1	1

F01



10	11	12	13	14	15	16
1	1	1	1	1	1	1

F08



10	11	12	13	14	15	16
6	6	6	6	6	6	6

F09



10	11	12	13	14	15	16
3	3	3	3	3	3	3

F12



10	11	12	13	14	15	16
2	2	2	2	2	2	2

F20



10	11	12	13	14	15	16
2	2	2	2	2	2	2

F34



10	11	12	13	14	15	16
1	1	1	1	1	1	1

G01



10	11	12	13	14	15	16
1	1	1	1	1	1	1

G02



10	11	12	13	14	15	16
2	2	2	2	2	3	3

G03



10	11	12	13	14	15	16
1	1	1	1	1	1	1

L03



10	11	12	13	14	15	16
9	10	11	12	13	14	15

X01







**IT) ATTENZIONE!**

**Leggere e seguire scrupolosamente queste istruzioni e tenere per future consultazioni.**

Eseguire l'installazione "a regola d'arte", utilizzando attrezzi idonei; seguire scrupolosamente le istruzioni di montaggio. Informarsi prima dell'installazione, sui regolamenti locali e nazionali da rispettare, in funzione della destinazione d'uso (privato principale, secondario, uffici, negozi...).

**EN) WARNING!**

**Carefully read and strictly follow these instruction and keep them for future consultation.**

Carry out the installation in a "workmanlike" manner, strictly following the installation instructions and using suitable tools. Always consult your local building department for code requirements that must be respected depending on its destination of use (private, secondary, public...).

**FR) ATTENTION !**

**Lire et respecter scrupuleusement les présentes instructions ; les conserver pour toute autre consultation.**

Effectuer l'installation dans les règles de l'art en utilisant des outils appropriés ; suivre scrupuleusement les instructions de montage. Pour réaliser un montage conforme aux normes en vigueur, il faut s'informer avant l'installation quant aux réglementations locales et nationales à respecter, en fonction du domaine d'utilisation (résidence privée principale, secondaire, bureaux, magasins...).



**NL) OPGELET!**

**Verricht de installatie volgens de technische normen met behulp van geschikte gereedschappen.**

Volg nauwgezet de montage handleiding. Ga voor de installatie na of er plaatselijk of nationaal regelgeving van toepassing is voor het bedoelde gebruik (privé, kantoor, winkels, enz.).

**DE) ACHTUNG!**

**Lesen sie diese Anleitung sorgfältig durch und heben sie sie für spätere Zwecke auf.**

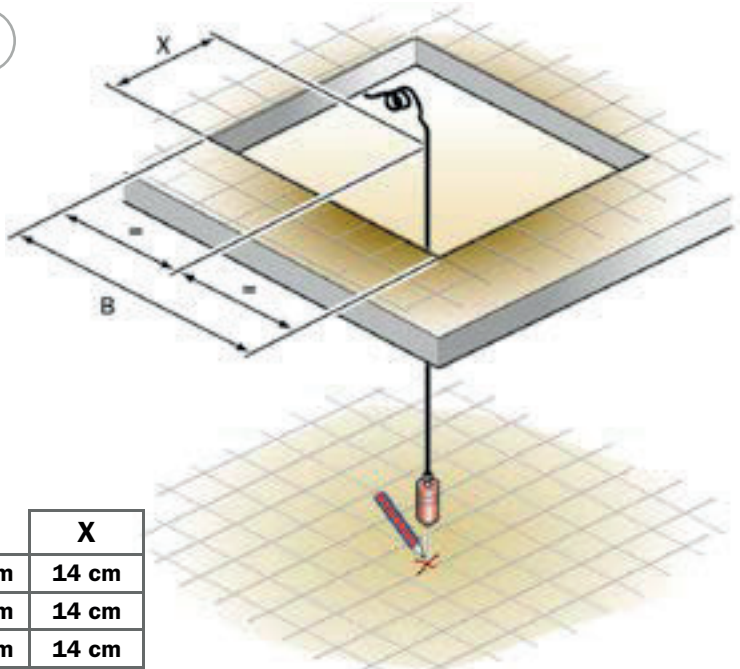
Die Montage muss fachgerecht, unter Zuhilfenahme geeigneter Hilfsmittel und unter strikter Einhaltung der Montageanleitung ausgeführt werden. Damit die Montage normgerecht erfolgen kann, muss man zuvor Informationen zur Aufstellung und zu den lokal und national geltenden Vorschriften je nach Bestimmungszweck (privat, Haupt- oder Nebeneinrichtung, Büros, Geschäfte...) einholen.

**ES) ¡ATENCIÓN!**

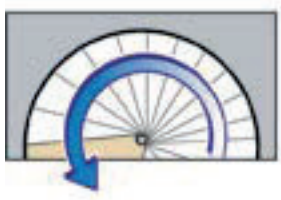
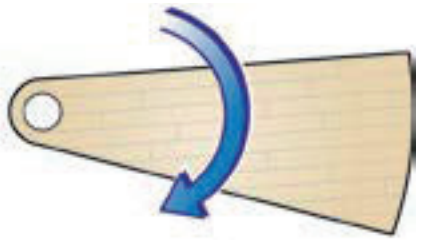
**Leer y seguir estrictamente estas instrucciones y conservarlas para consultas futuras.**

Realizar la instalación "según las reglas del arte", utilizando herramientas adecuadas; seguir estrictamente las instrucciones de montaje. Informarse antes de la instalación sobre los reglamentos locales y nacionales a respetar, en función del destino de uso (privado principal, secundario, oficinas, tiendas...).

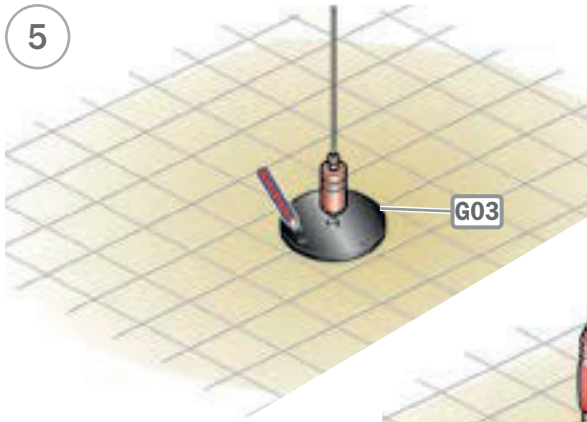
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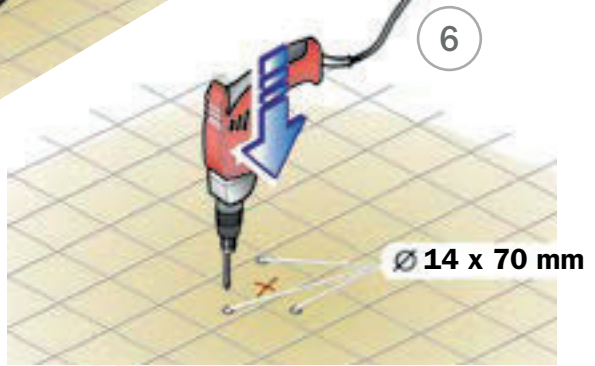
	X
Ø 148 cm	14 cm
Ø 158 cm	14 cm
Ø 168 cm	14 cm
Ø 178 cm	15,3 cm



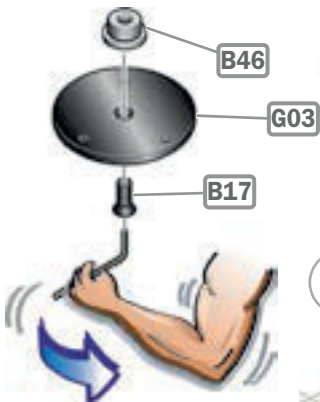
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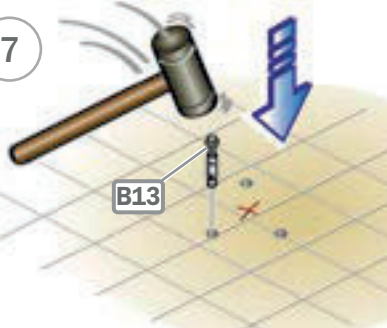
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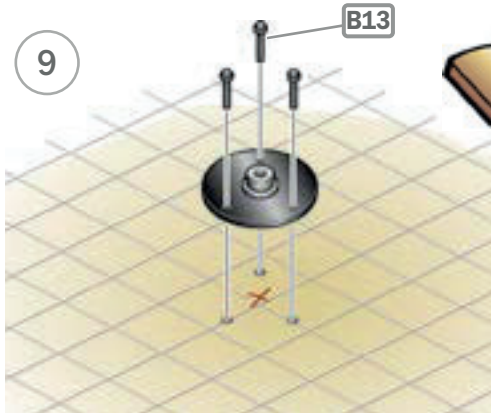
8



7



9



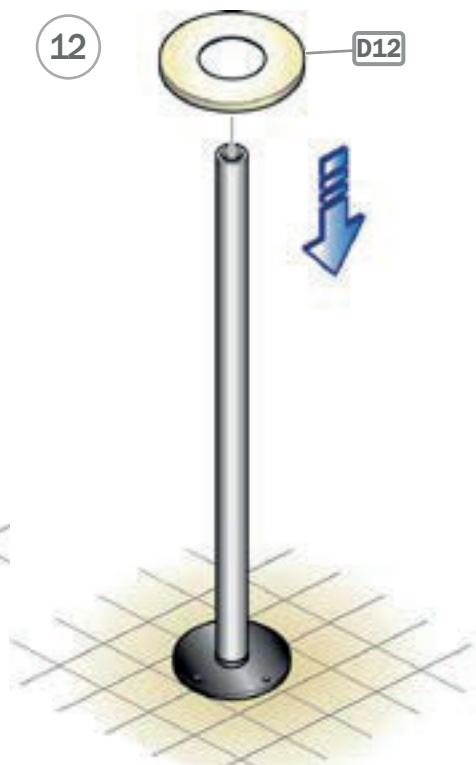
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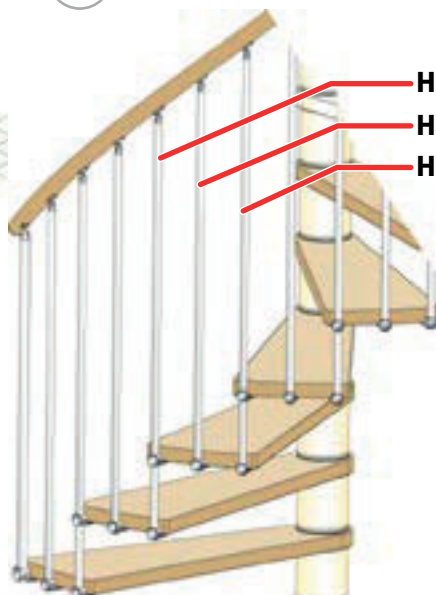
11



12



13 a

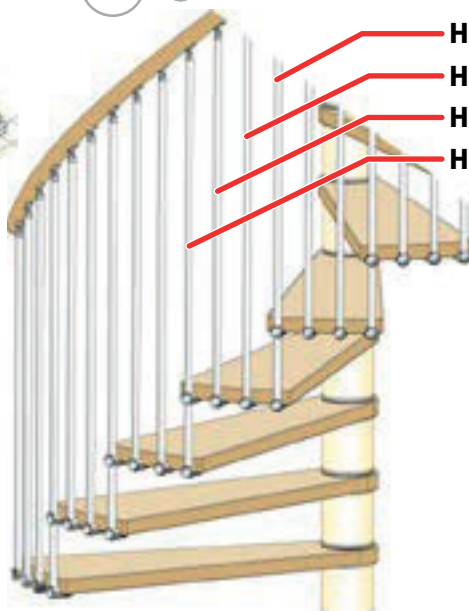


H = 119 cm

H = 109,5 cm

H = 119 cm

13 b



H = 119 cm

H = 113 cm

H = 106 cm

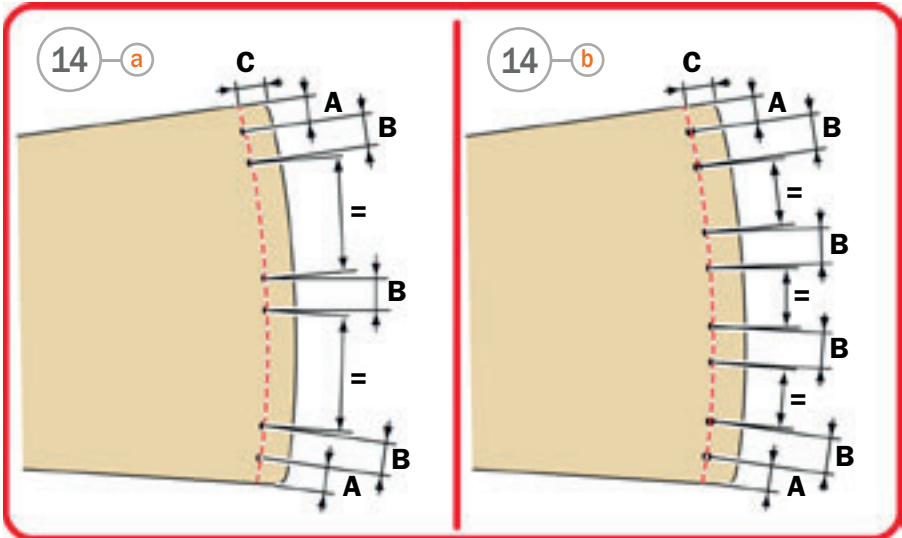
H = 119 cm

+

H = 113 cm

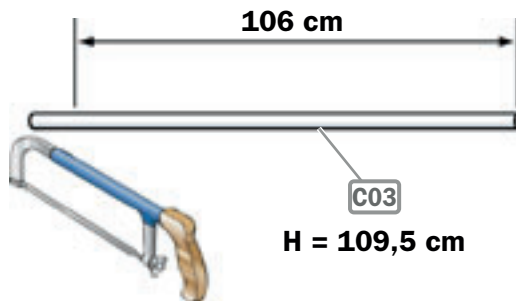


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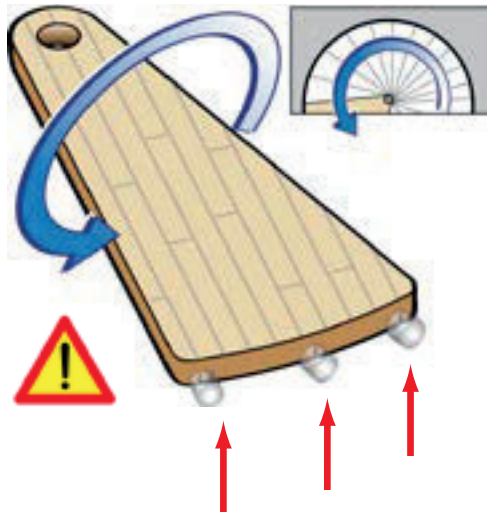


**A = 21 mm**  
**B = 26 mm**  
**C = 23 mm**

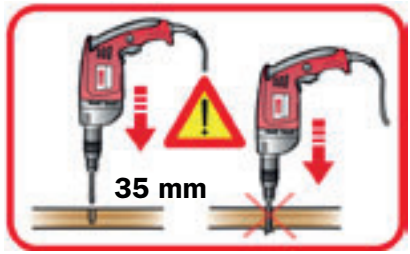
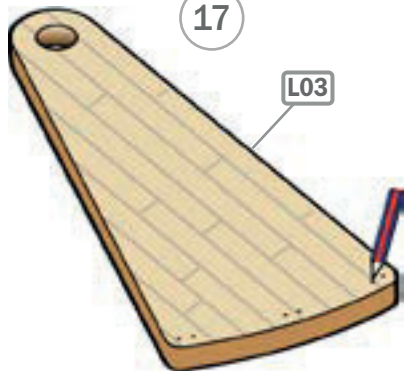
15 b



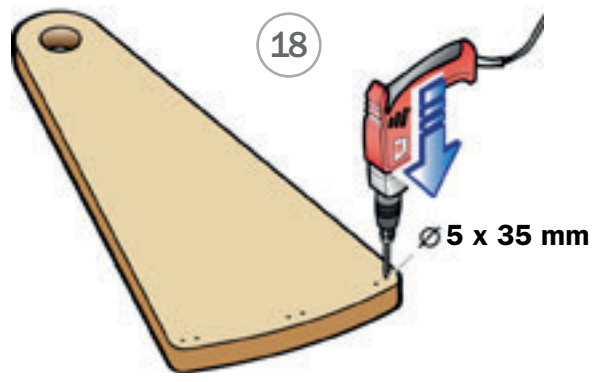
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17

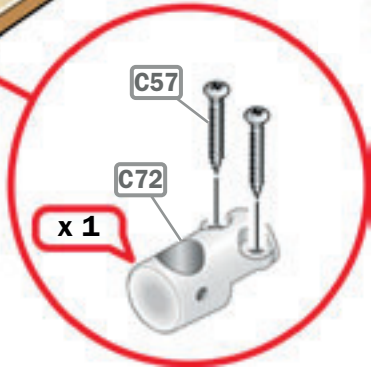
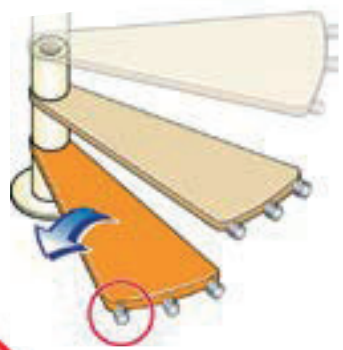
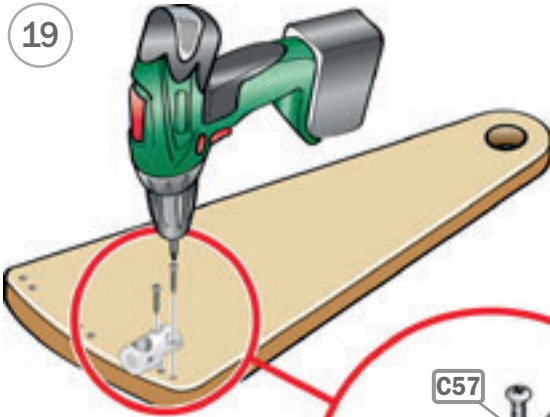


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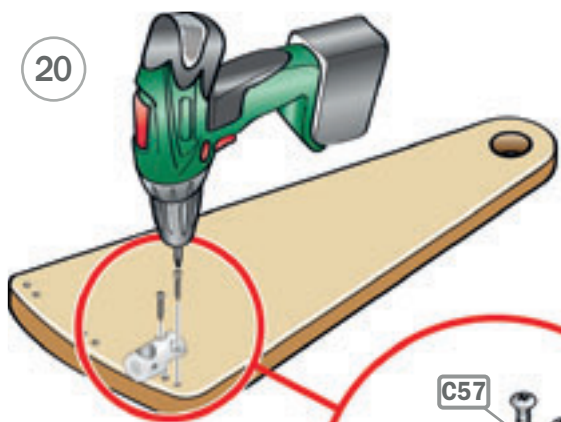


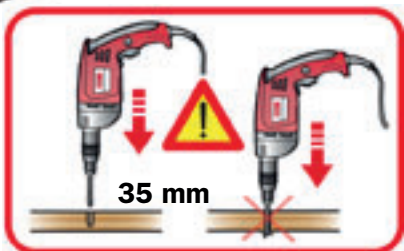
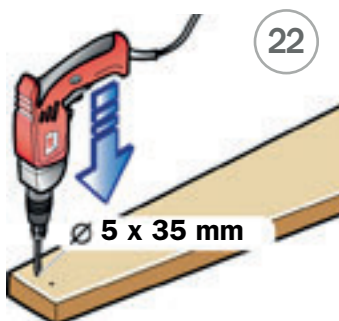
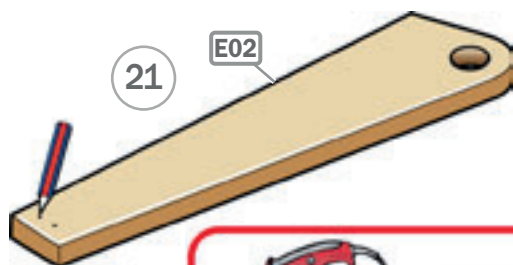
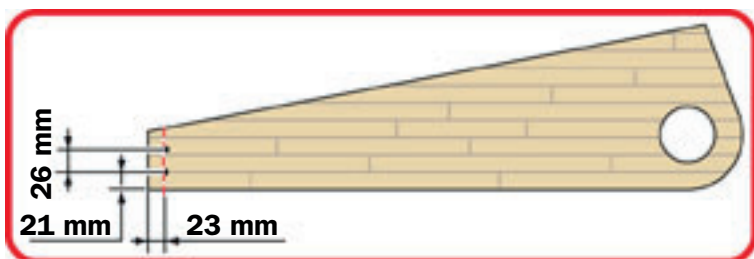


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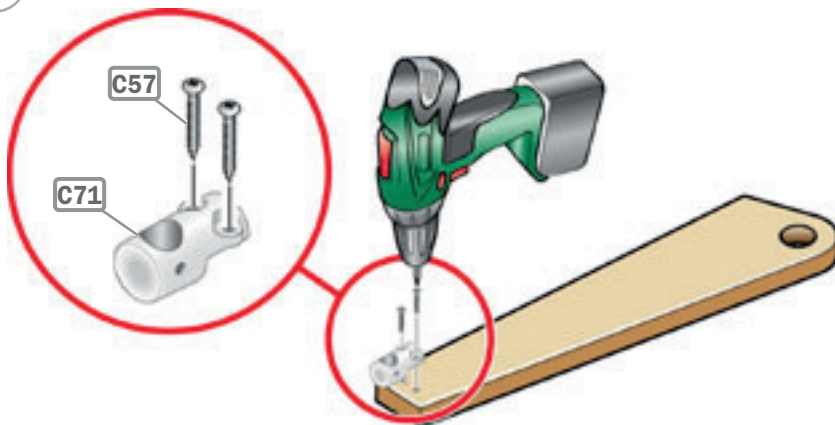


20





23





20-21



22-23



24-25



26-27



28-29

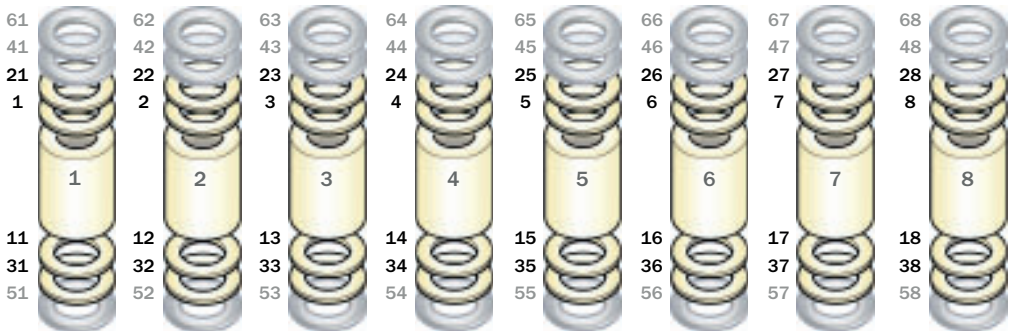
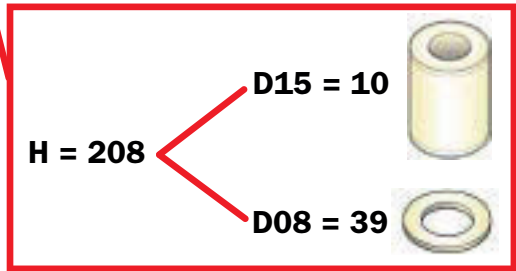
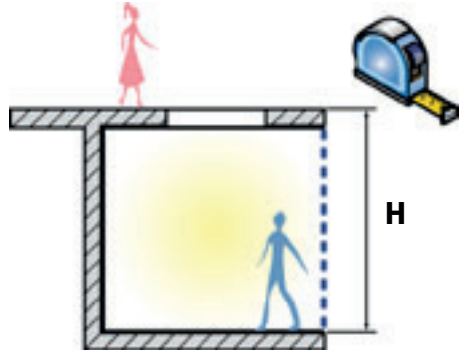


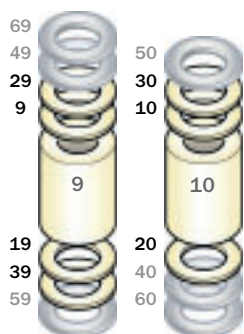
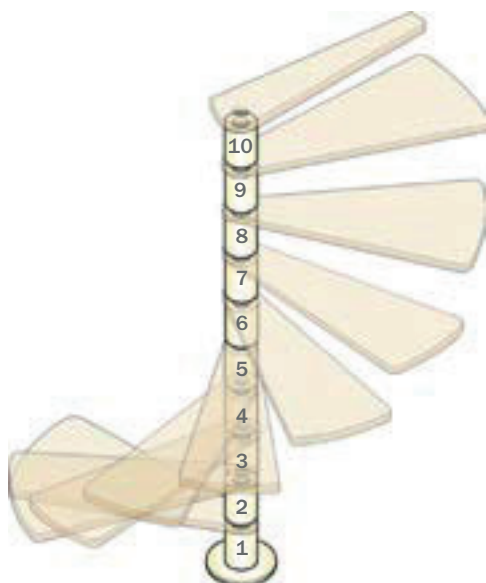
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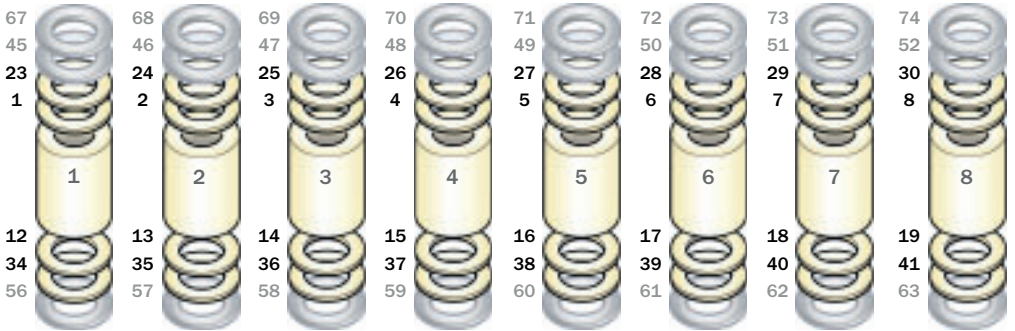
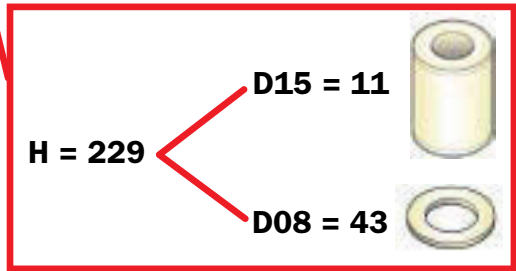
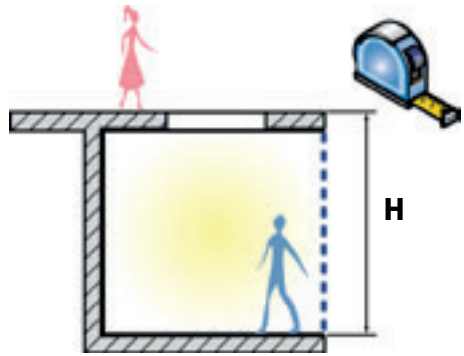
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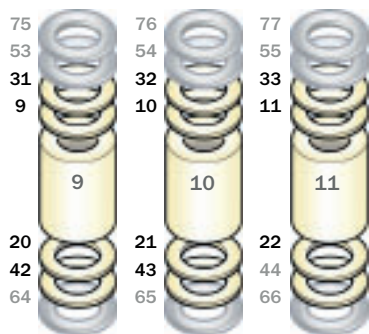
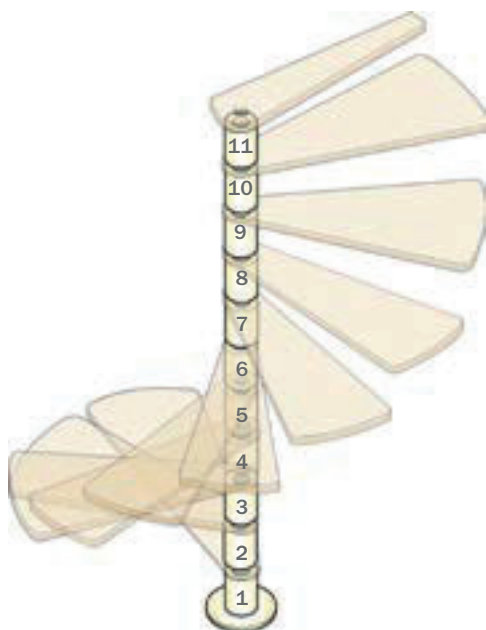
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198	10	5
199	10	9
200	10	12
201	10	15
202	10	19
203	10	22
204	10	25
205	10	29
206	10	32
207	10	35
208	10	39
209	10	42
210	10	45
211	10	49
212	10	52
213	10	55
214	10	59
215	10	62
216	10	65
217	10	69



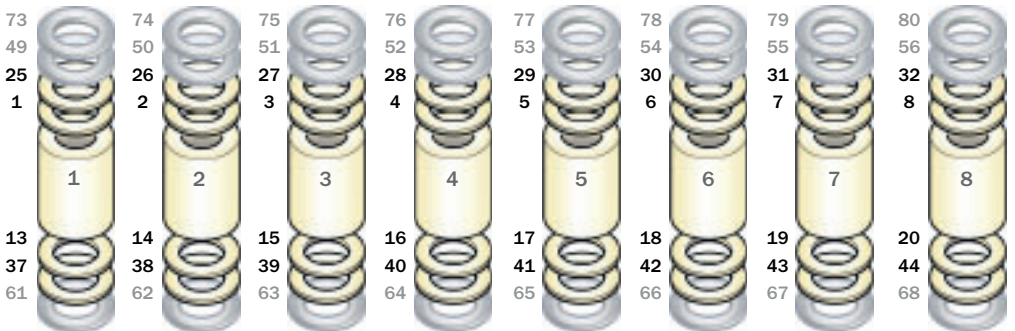
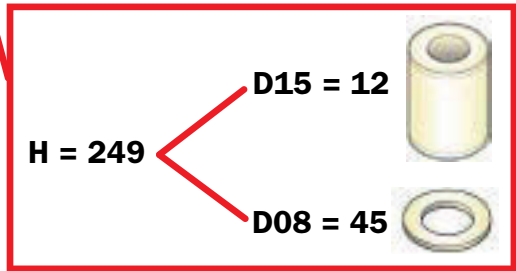
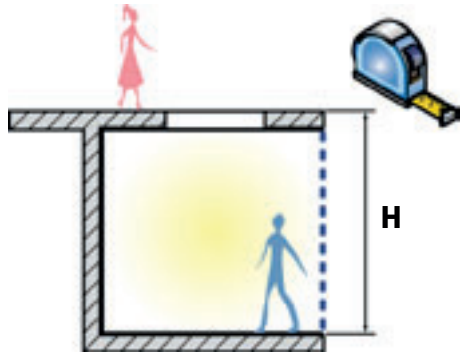


H	D15	D08
217	11	0
218	11	7
219	11	10
220	11	13
221	11	17
222	11	20
223	11	23
224	11	27
225	11	30
226	11	33
227	11	37
228	11	40
229	11	43
230	11	47
231	11	50
232	11	53
233	11	57
234	11	60
235	11	63
236	11	67
237	11	70
238	11	73
239	11	77

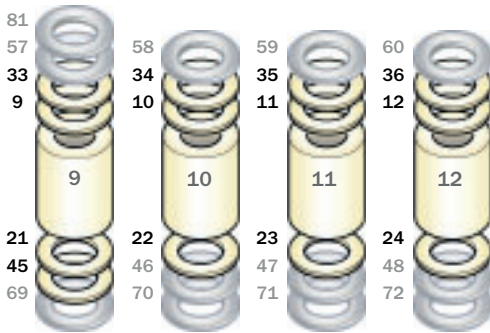
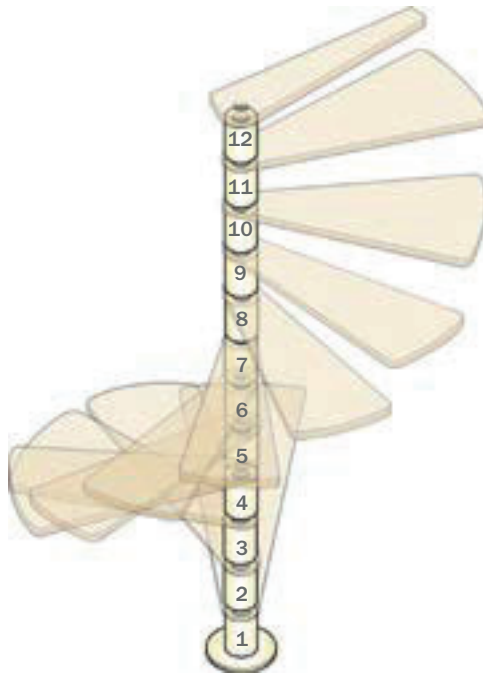




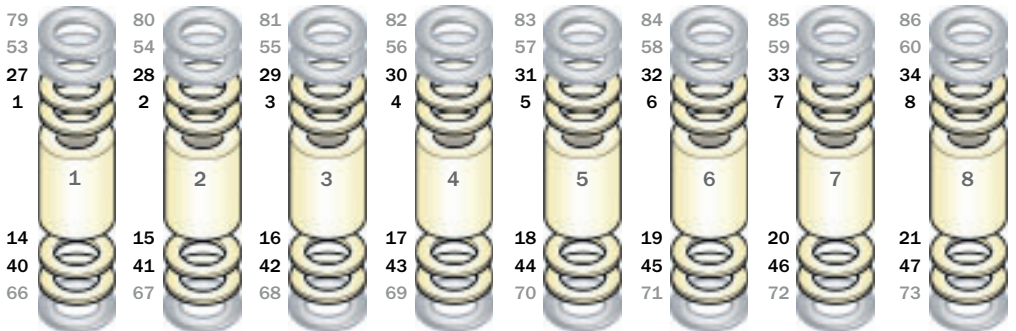
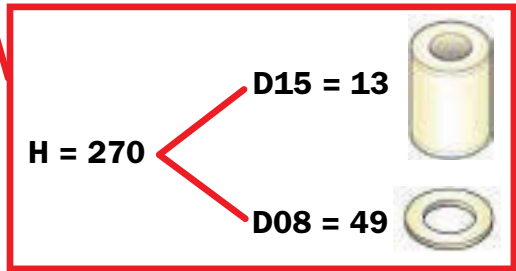
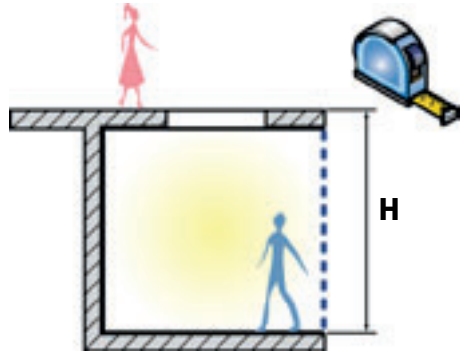
H	D15	D08
236	12	0
237	12	5
238	12	8
239	12	11
240	12	15
241	12	18
242	12	21
243	12	25
244	12	28
245	12	31
246	12	35
247	12	38
248	12	41
249	12	45
250	12	48
251	12	51
252	12	55
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256	12	68
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260	12	81

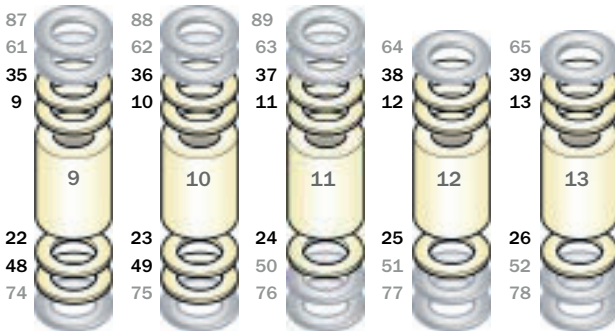
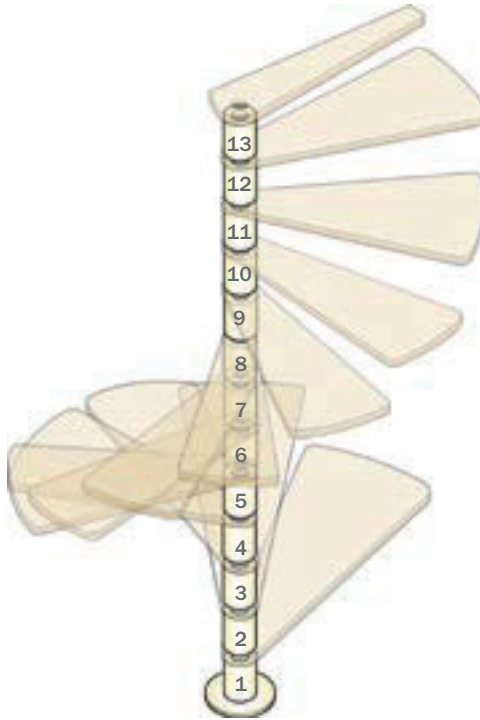




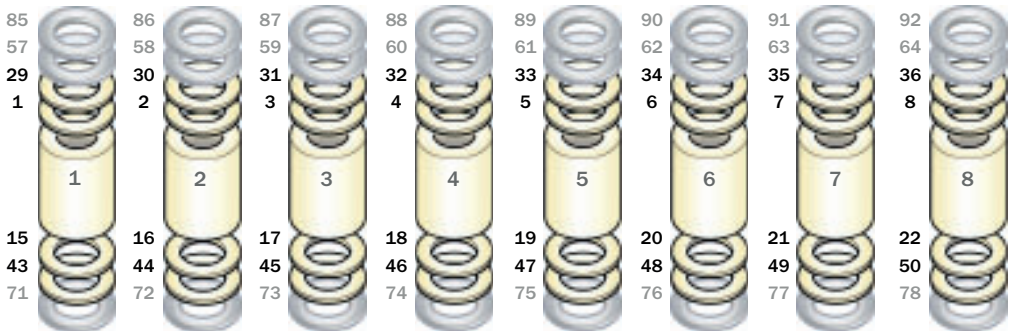
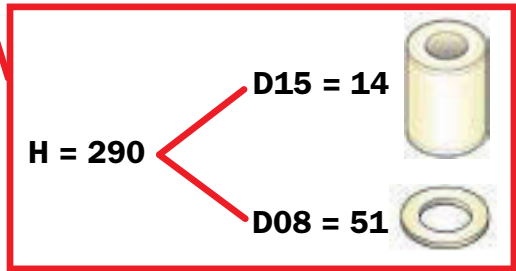
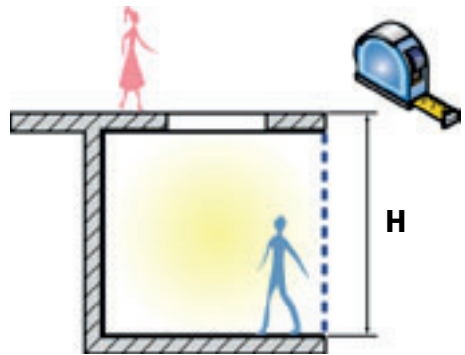


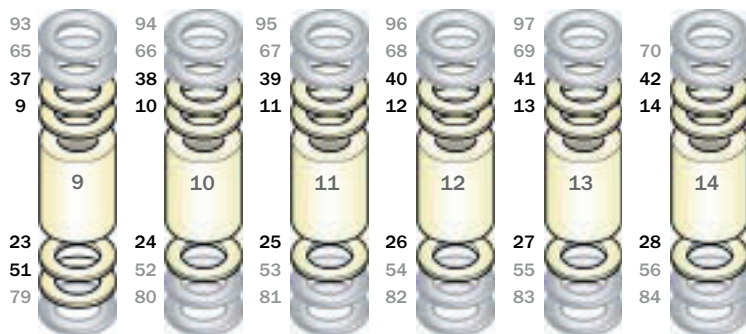
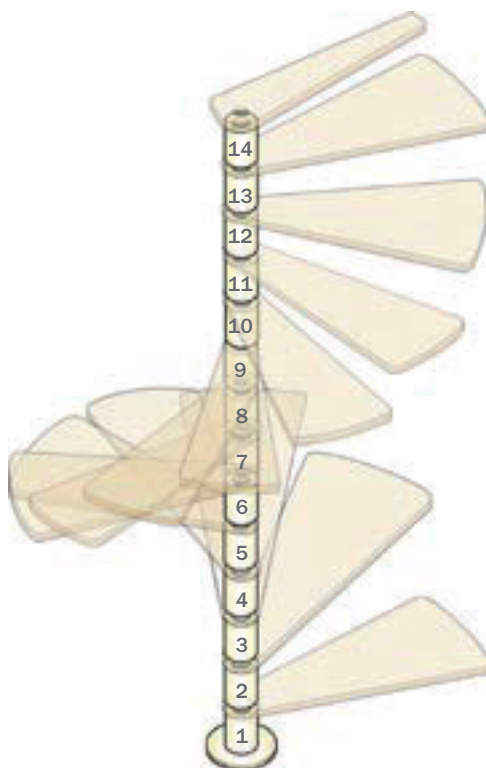
H	D15	D08
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257	13	6
258	13	9
259	13	13
260	13	16
261	13	19
262	13	23
263	13	26
264	13	29
265	13	33
266	13	36
267	13	39
268	13	43
269	13	46
270	13	49
271	13	53
272	13	56
273	13	59
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282	13	89



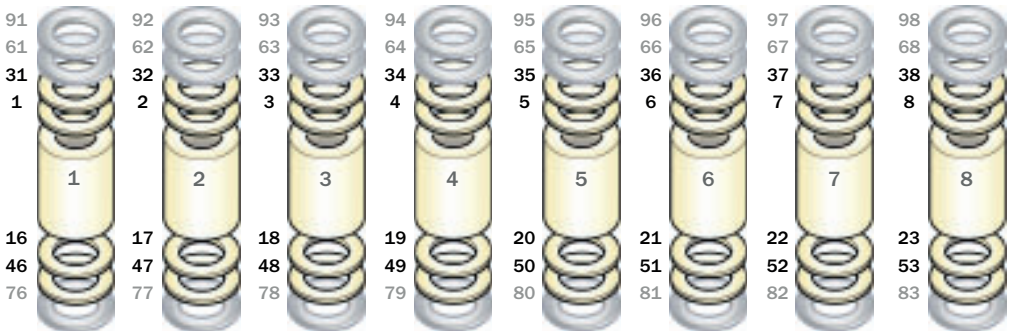
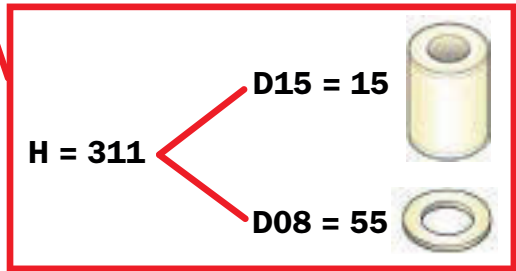
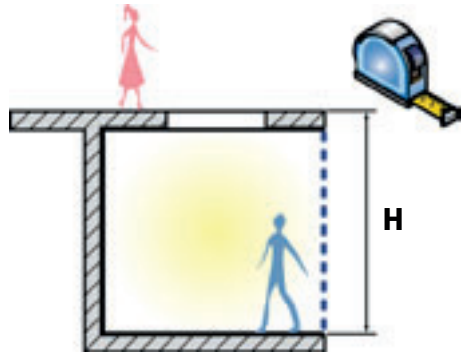


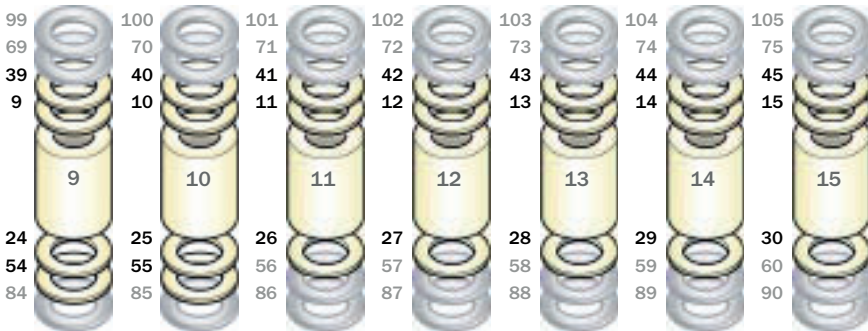
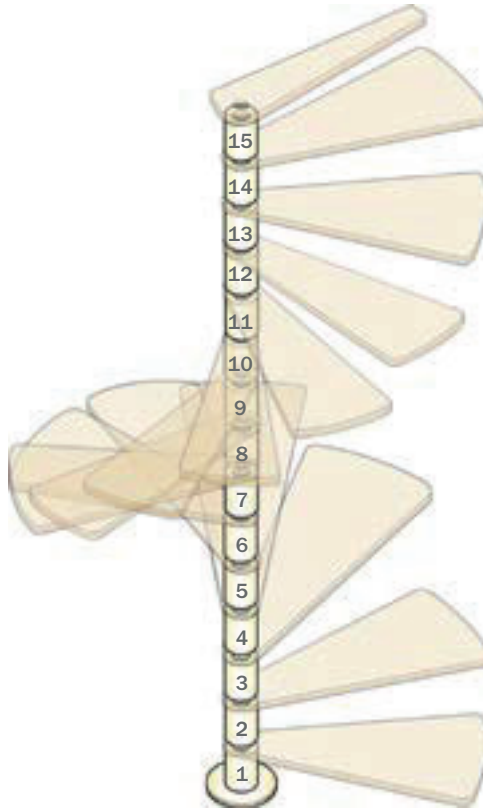
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276	14	4
277	14	7
278	14	11
279	14	14
280	14	17
281	14	21
282	14	24
283	14	27
284	14	31
285	14	34
286	14	37
287	14	41
288	14	44
289	14	47
290	14	51
291	14	54
292	14	57
293	14	61
294	14	64
295	14	67
296	14	71
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301	14	87
302	14	91
303	14	94
304	14	97



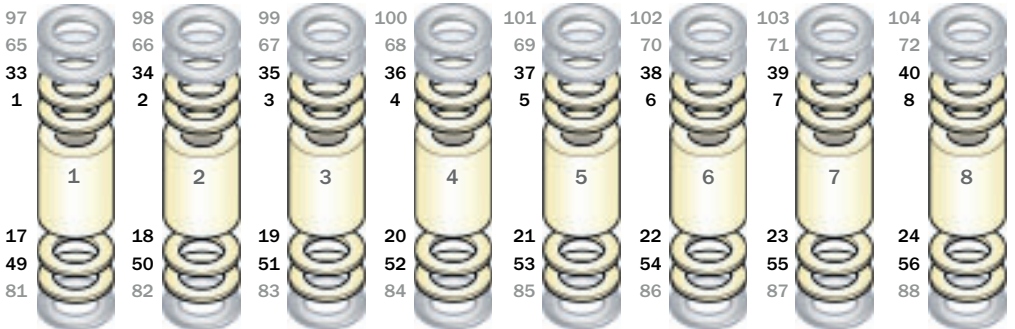
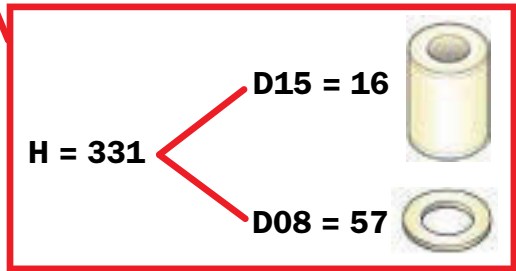
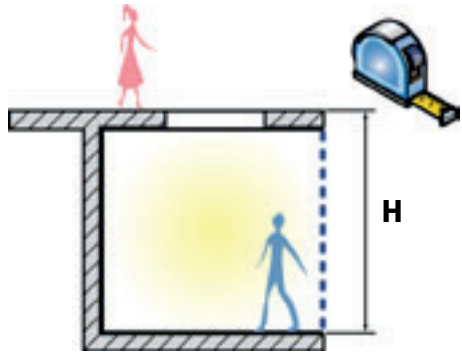


H	D15	D08
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297	15	9
298	15	12
299	15	15
300	15	19
301	15	22
302	15	25
303	15	29
304	15	32
305	15	35
306	15	39
307	15	42
308	15	45
309	15	49
310	15	52
311	15	55
312	15	59
313	15	62
314	15	65
315	15	69
316	15	72
317	15	75
318	15	79
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326	15	105

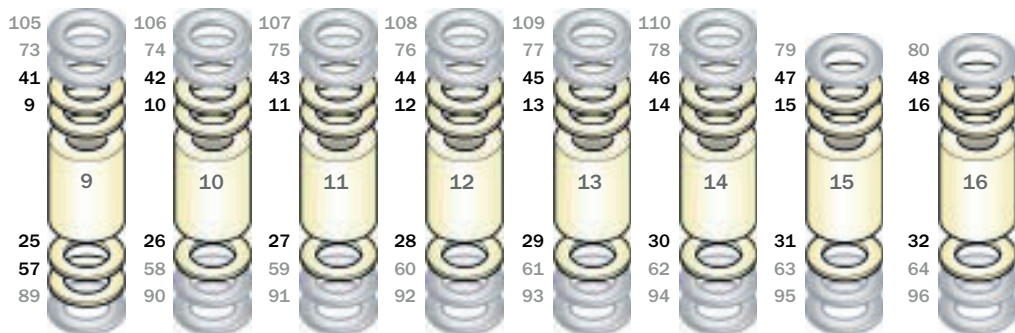
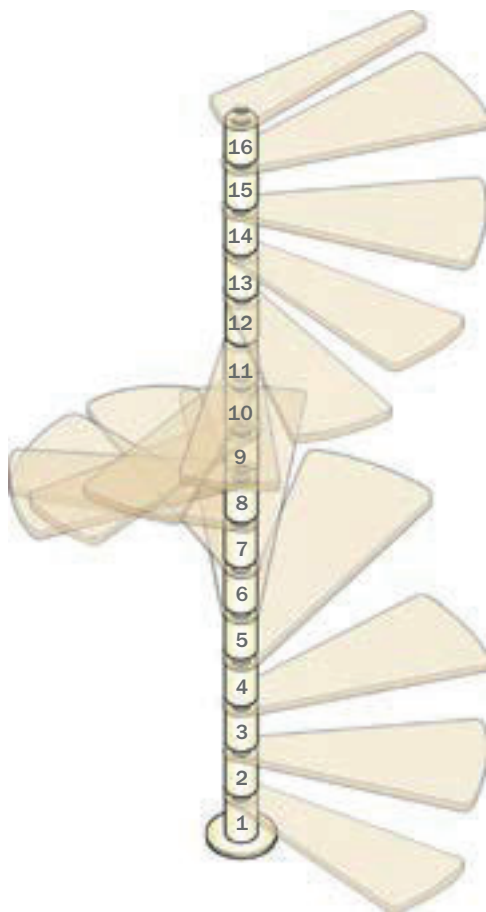


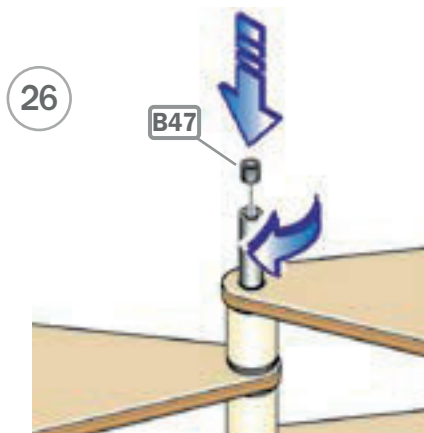
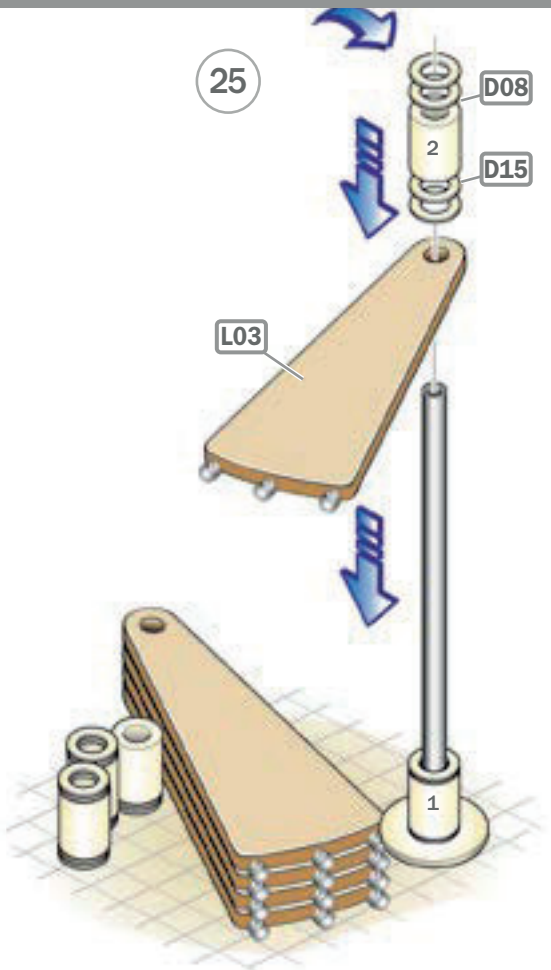
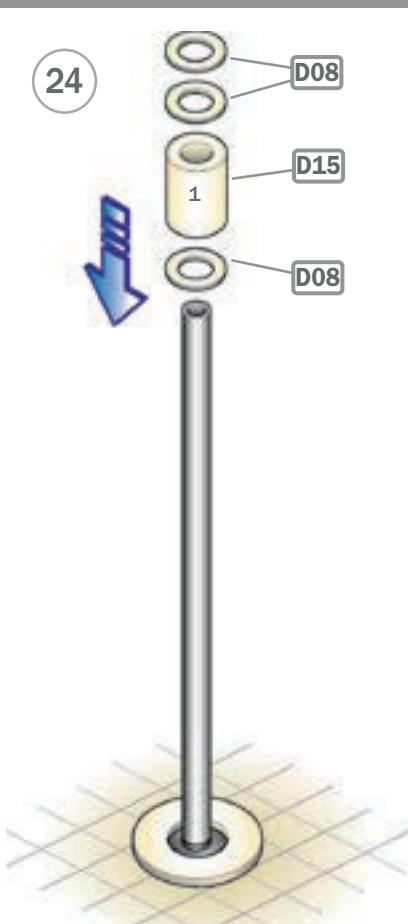


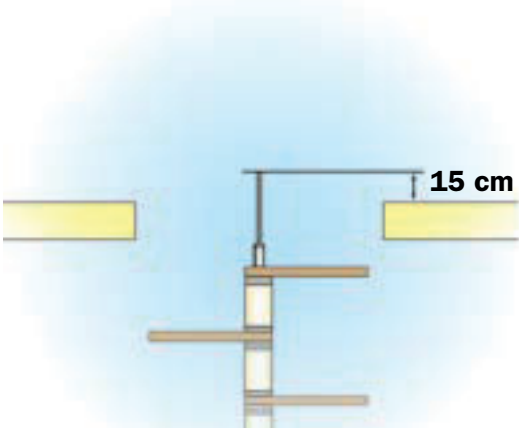
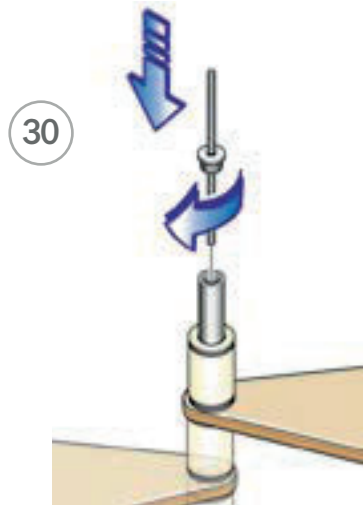
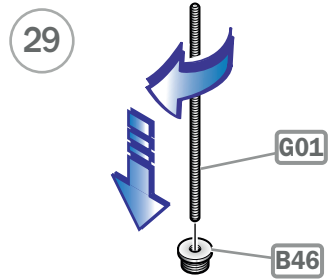
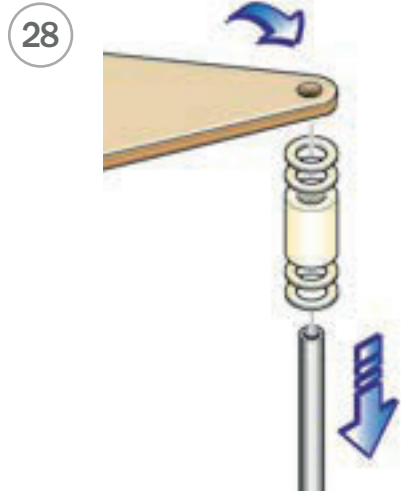
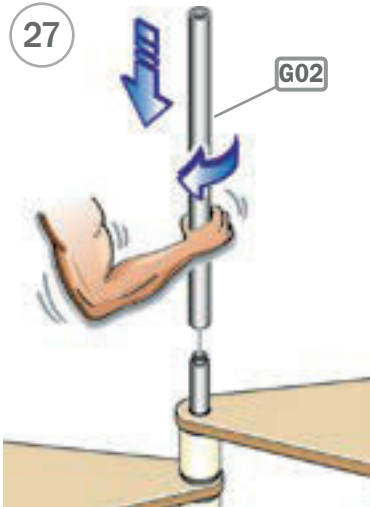
H	D15	D08
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317	16	10
318	16	13
319	16	17
320	16	20
321	16	23
322	16	27
323	16	30
324	16	33
325	16	37
326	16	40
327	16	43
328	16	47
329	16	50
330	16	53
331	16	57
332	16	60
333	16	63
334	16	67
335	16	70
336	16	73
337	16	77
338	16	80
339	16	83
340	16	87
341	16	90
342	16	93
343	16	97
344	16	100
345	16	103
346	16	107
347	16	110

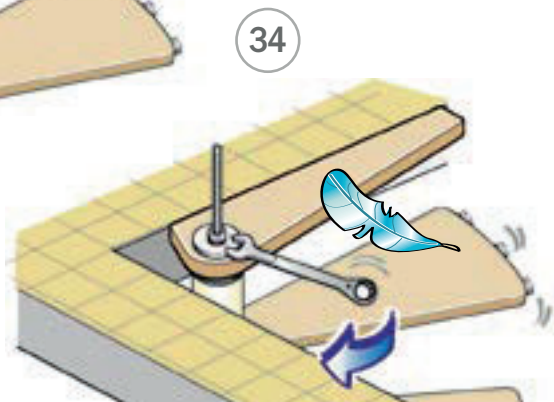
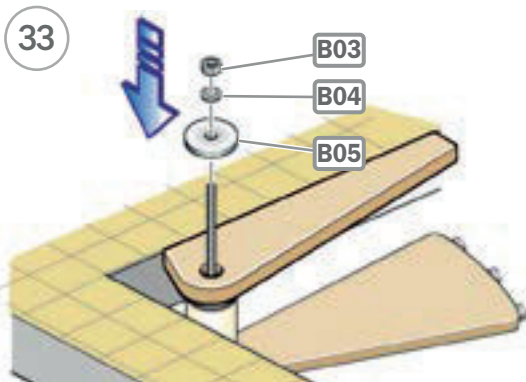
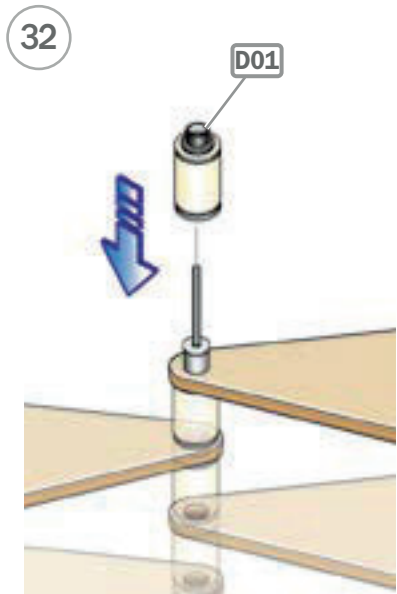
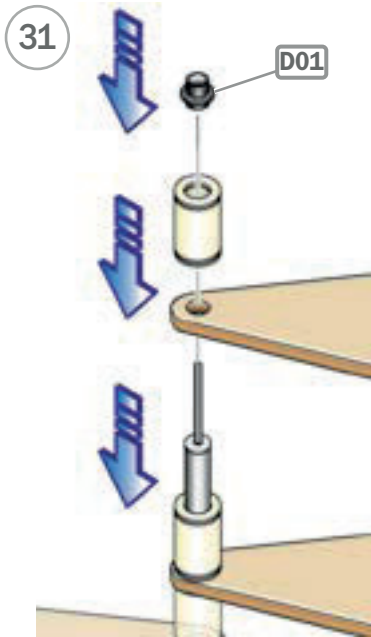




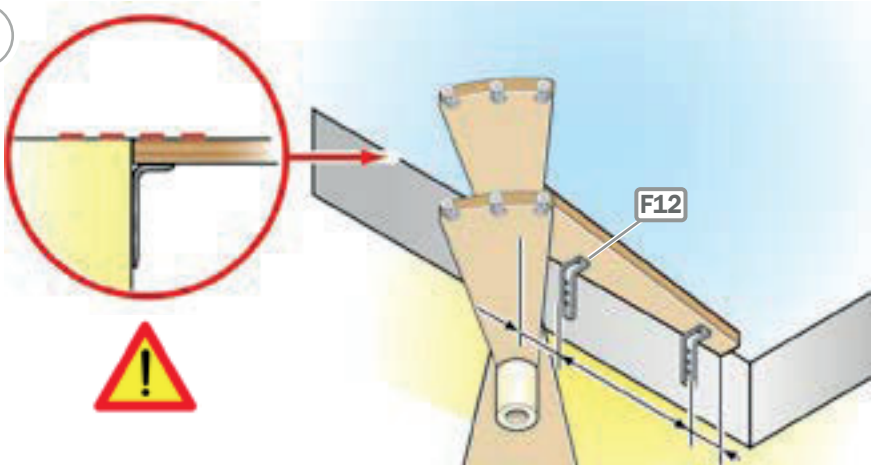




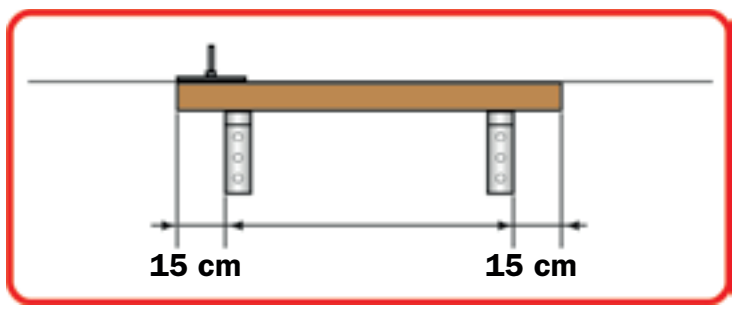




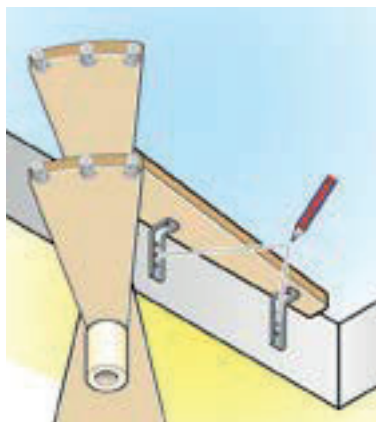
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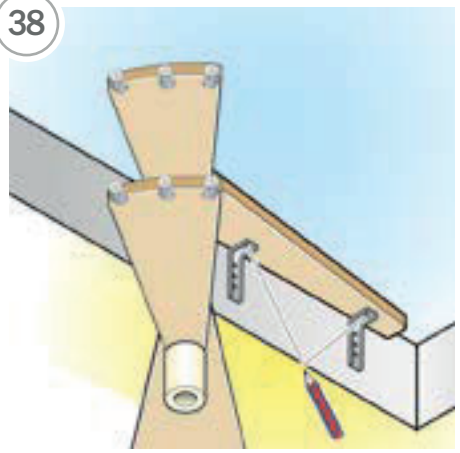
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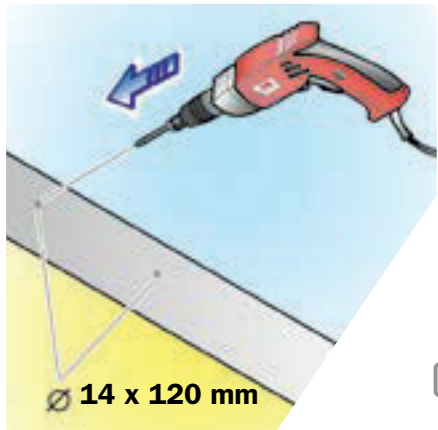
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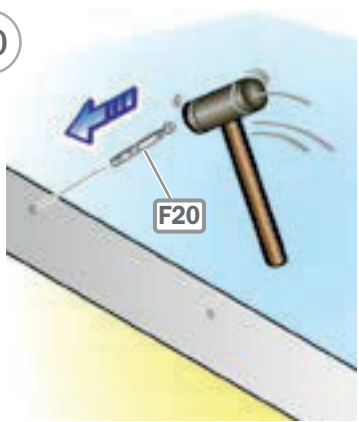
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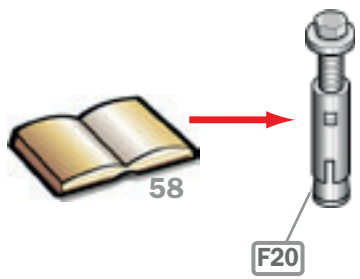
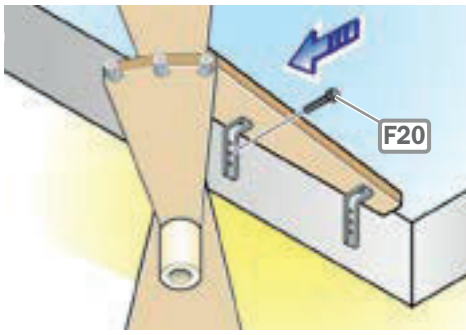
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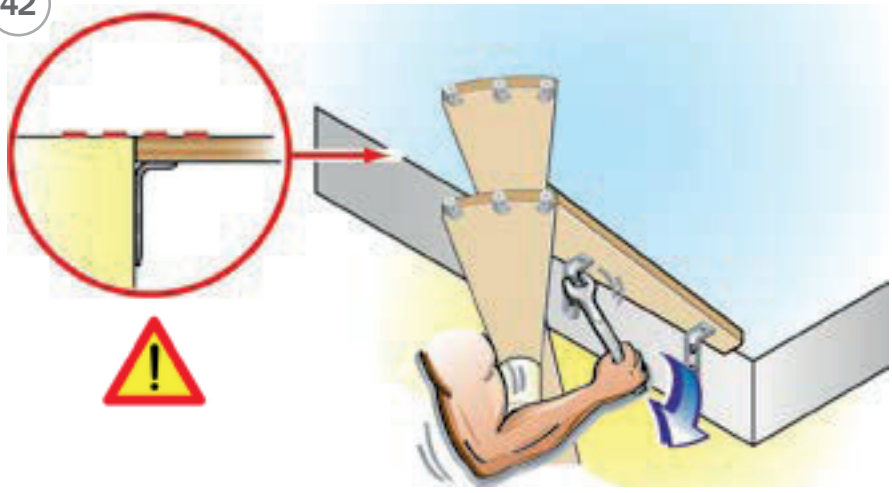
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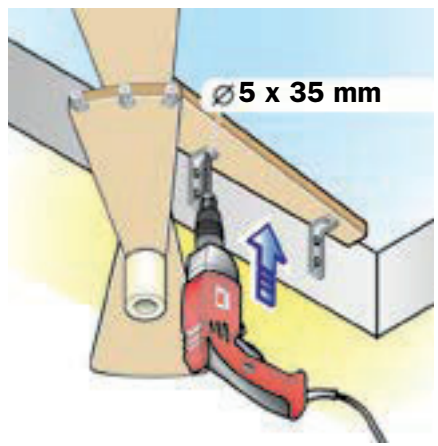
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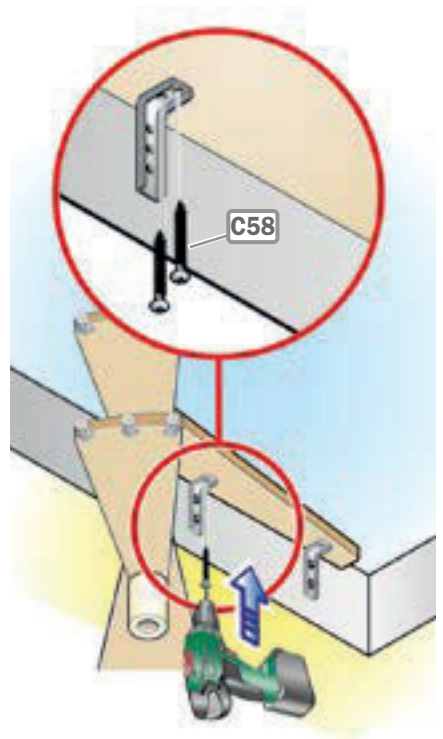
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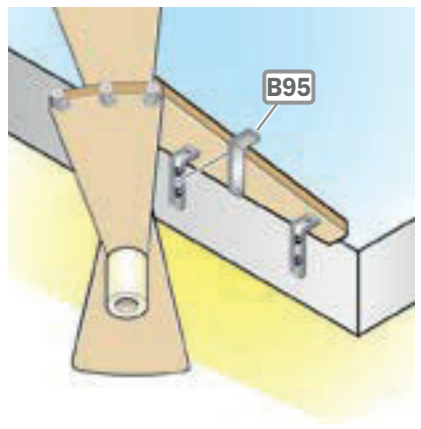
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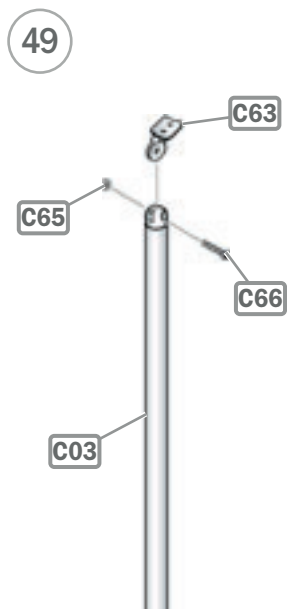
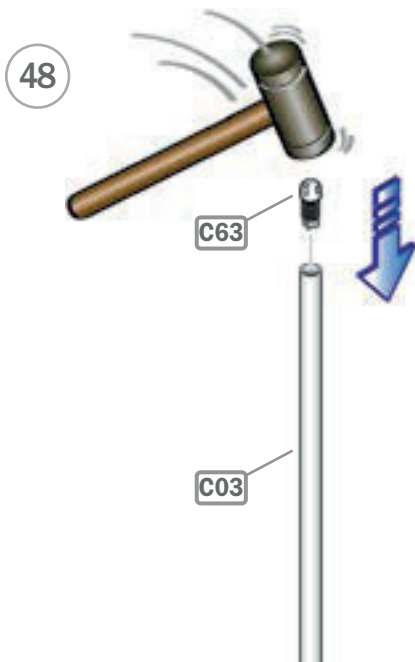
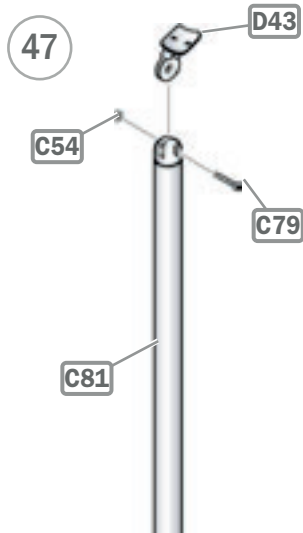
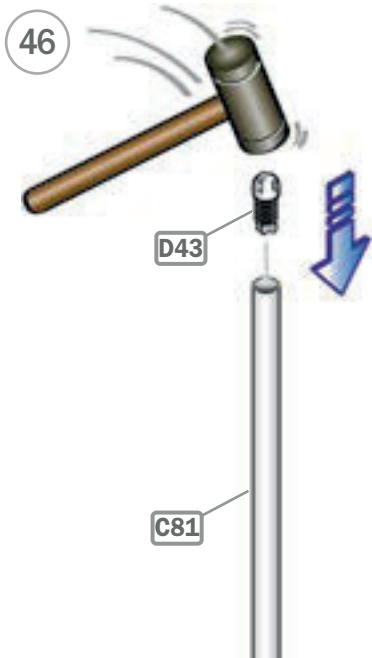


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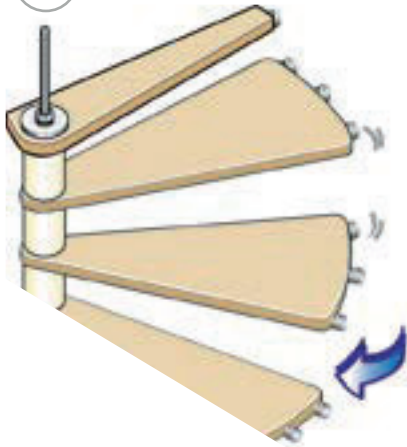
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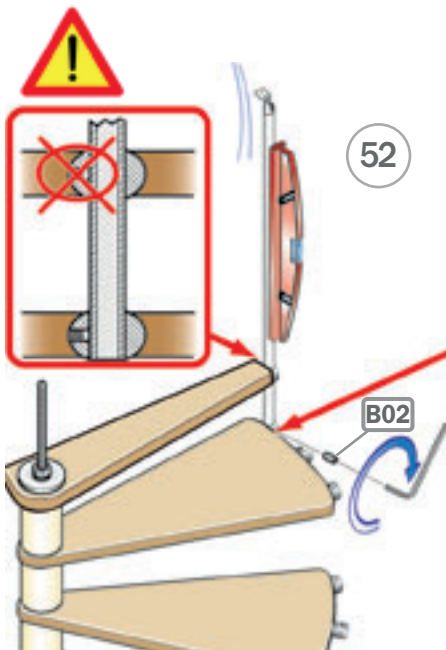
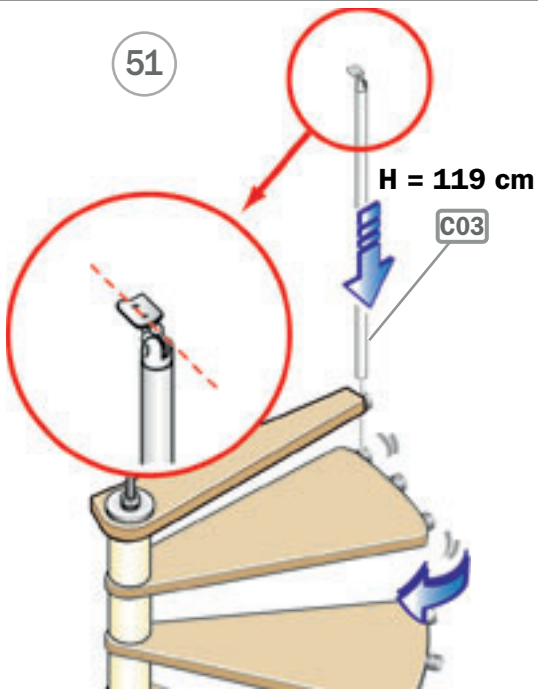




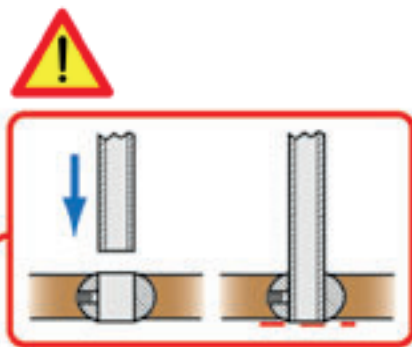
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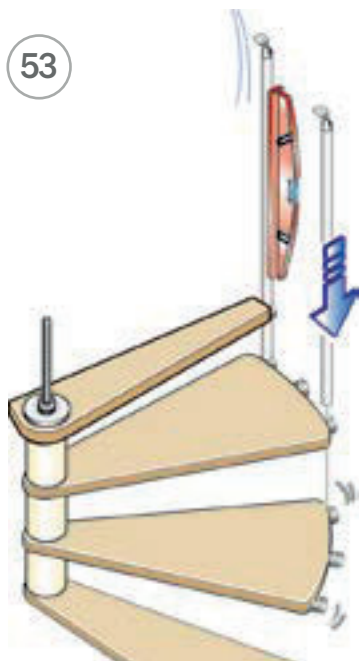
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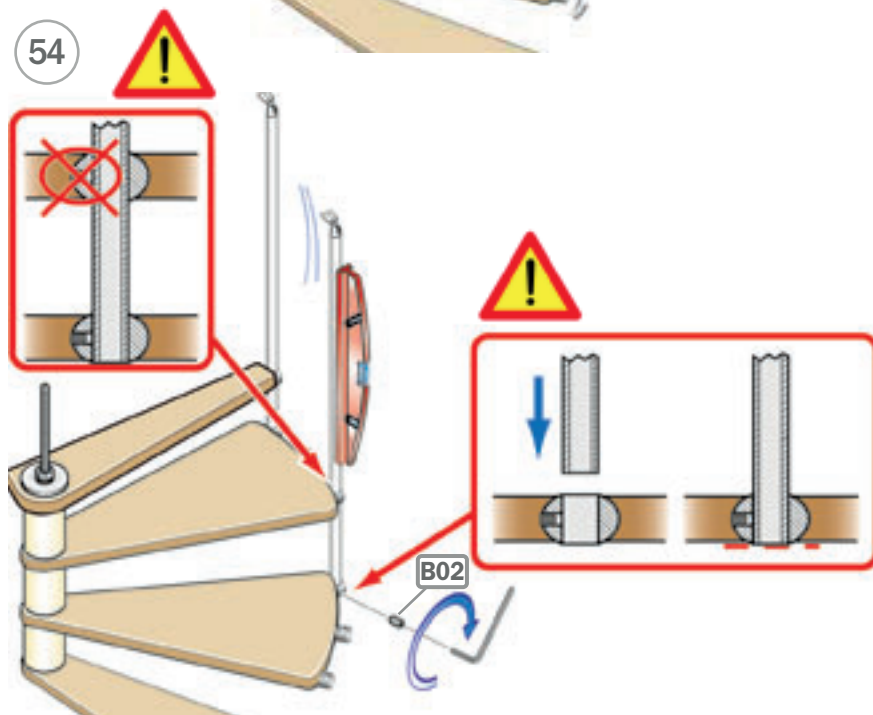
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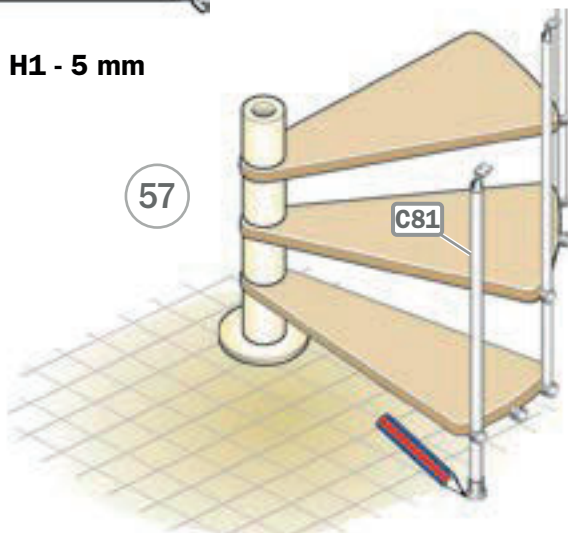
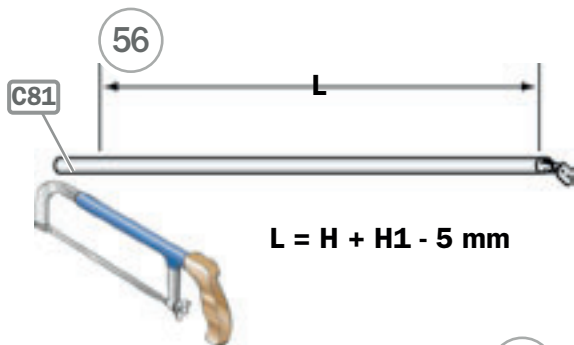
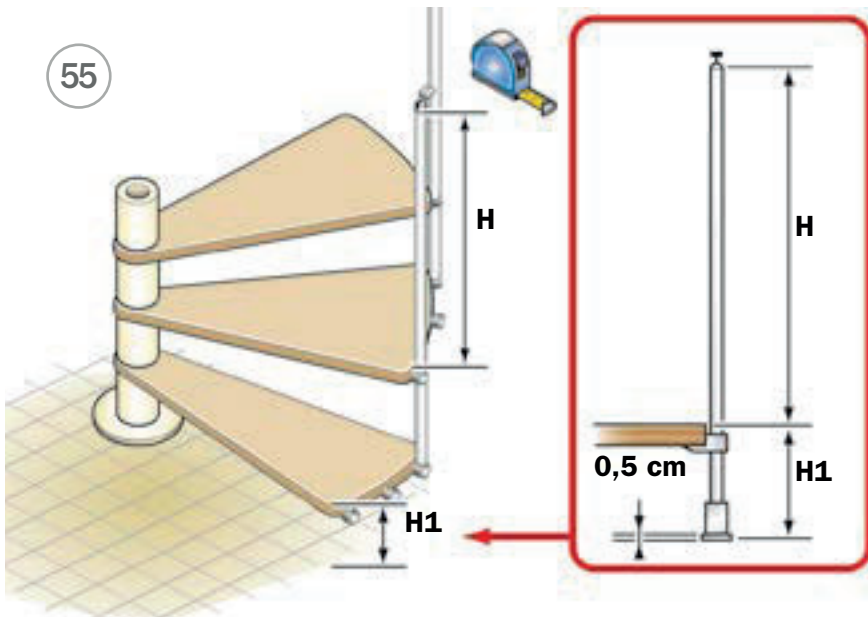


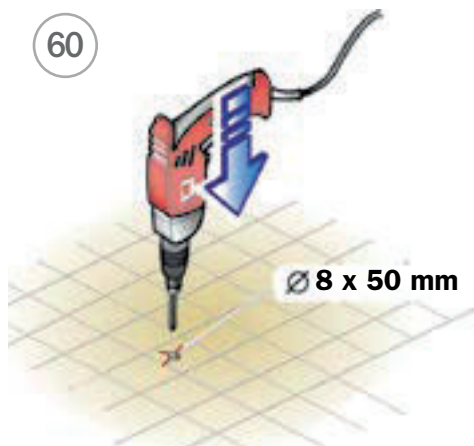
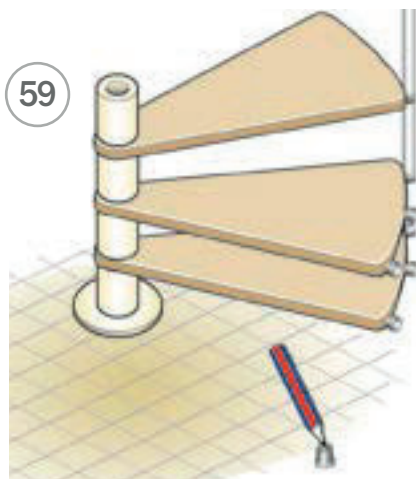
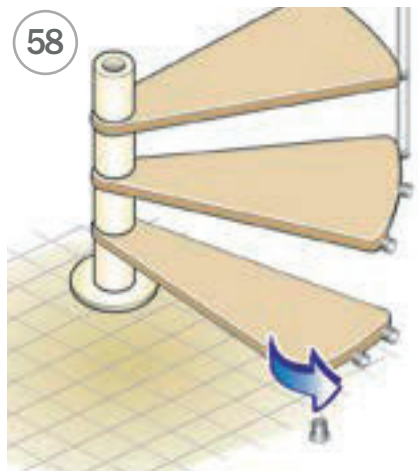
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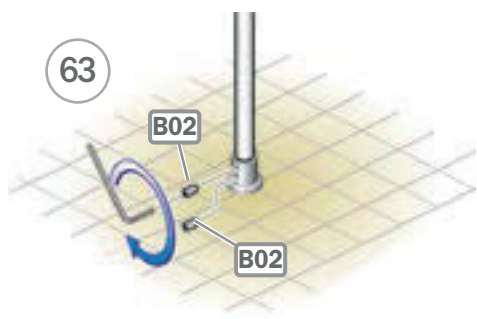
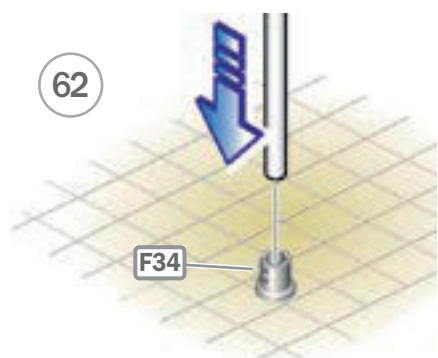
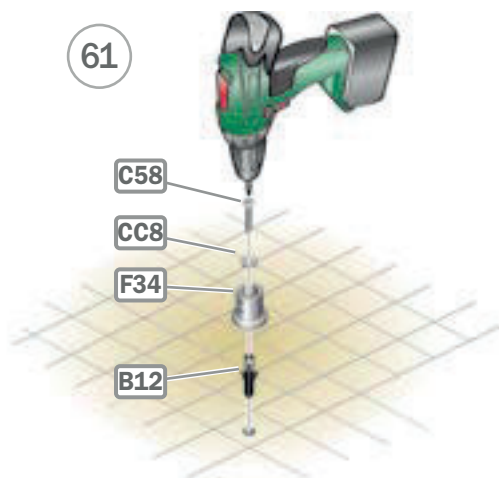


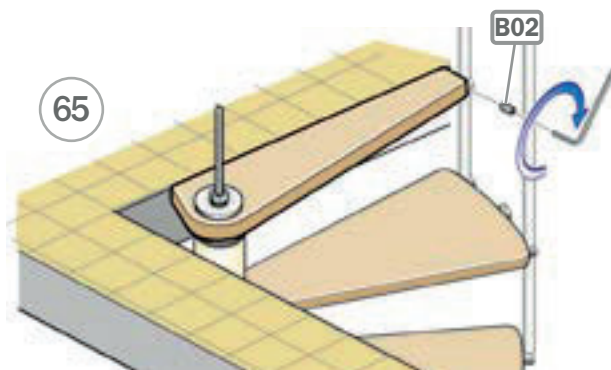
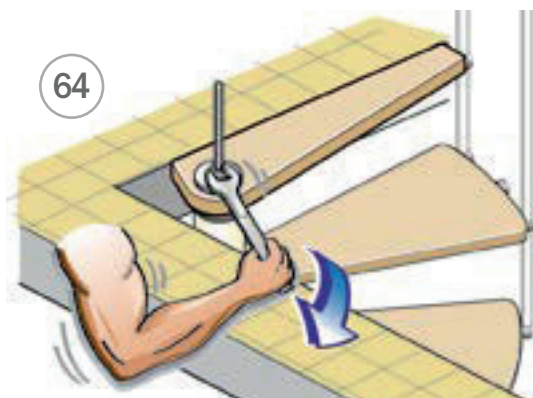
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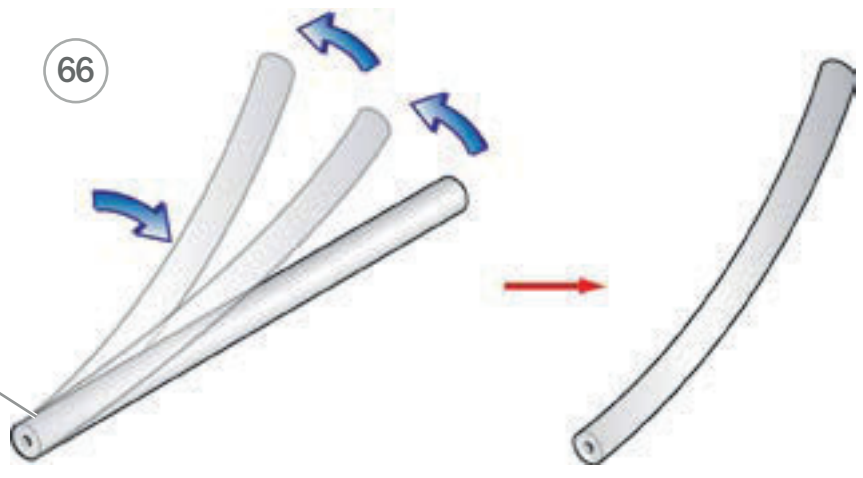






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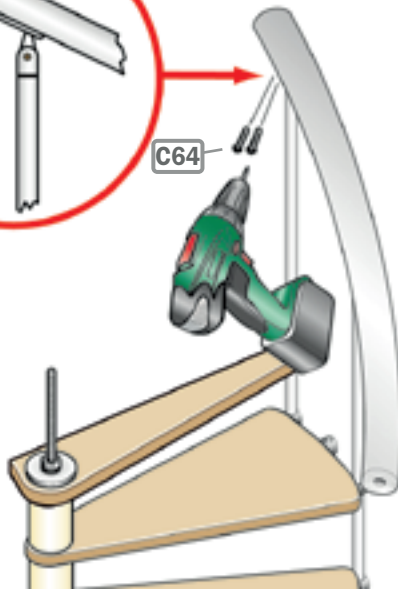
A13



67

1,5 cm

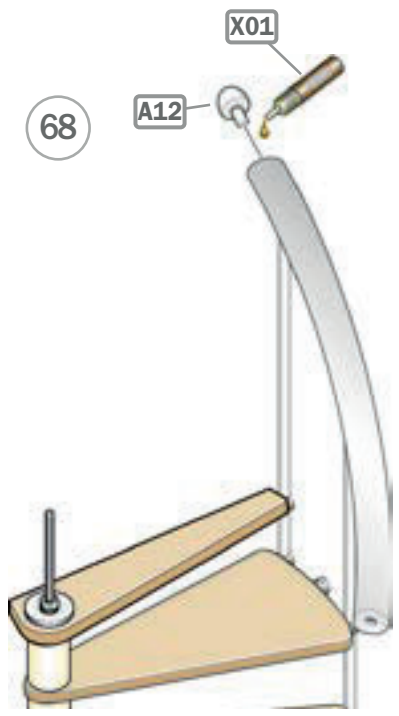
C64



68

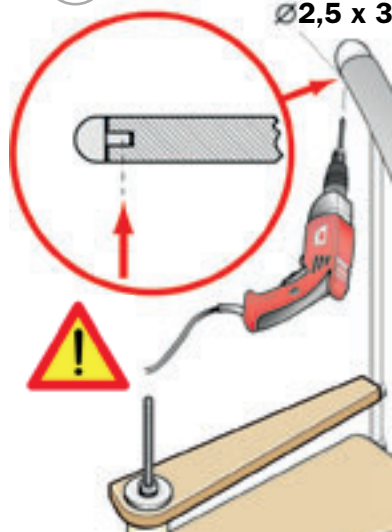
A12

X01

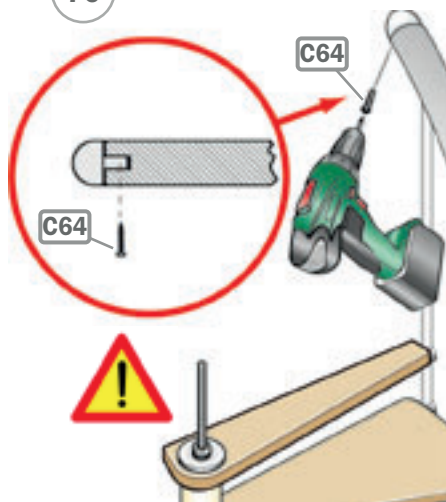


69

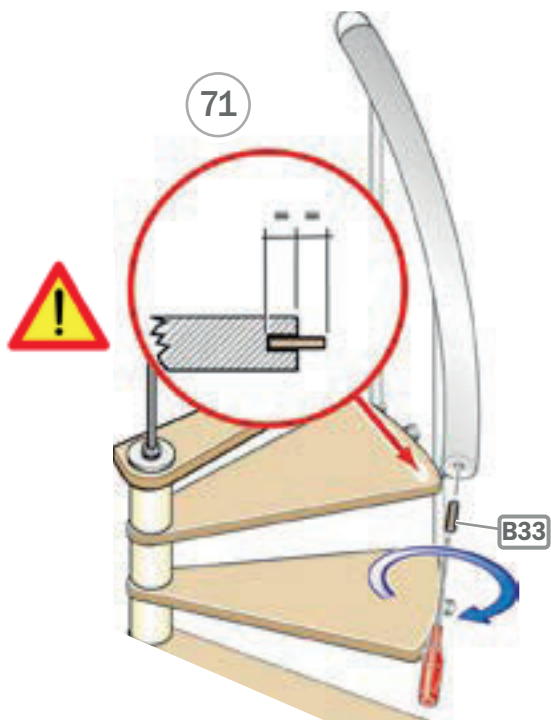
Ø2,5 x 32 mm



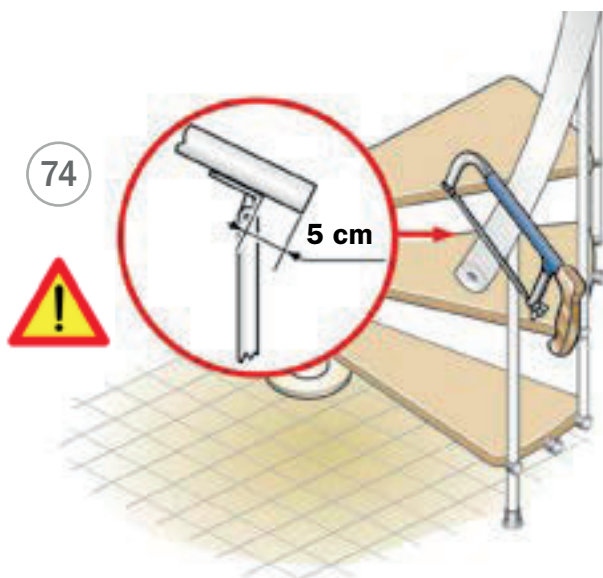
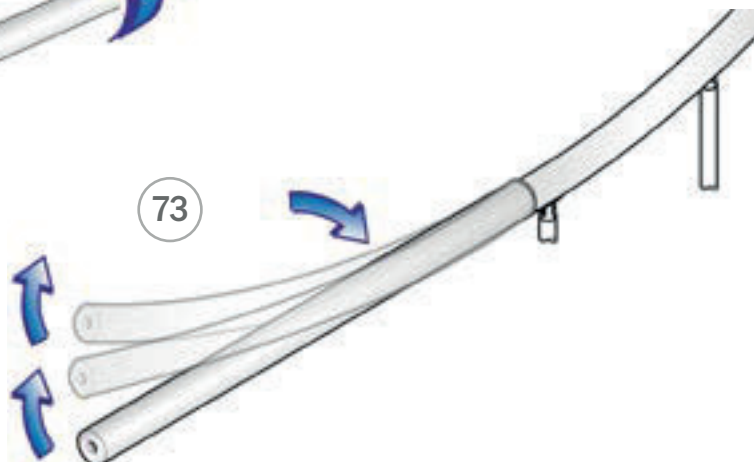
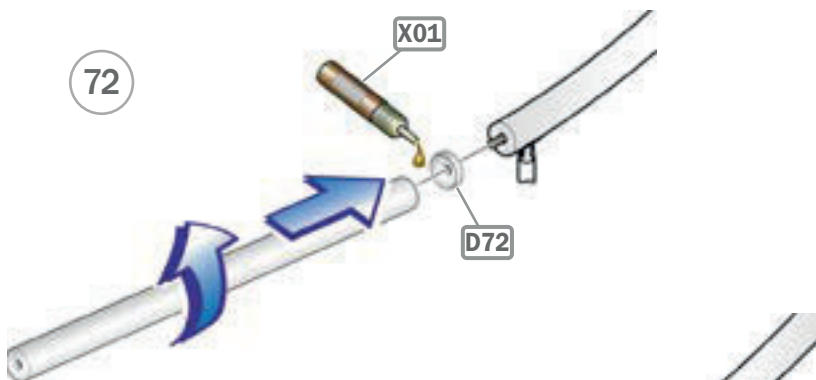
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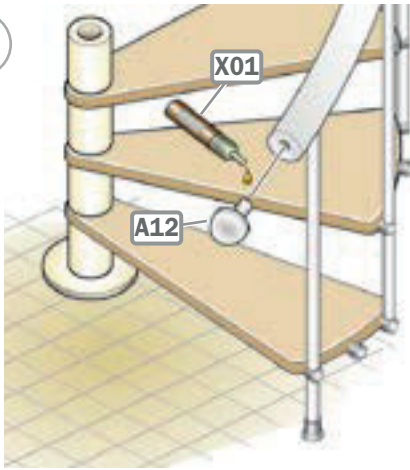
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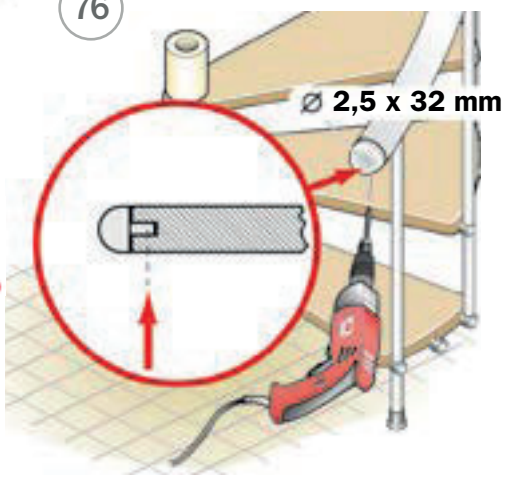




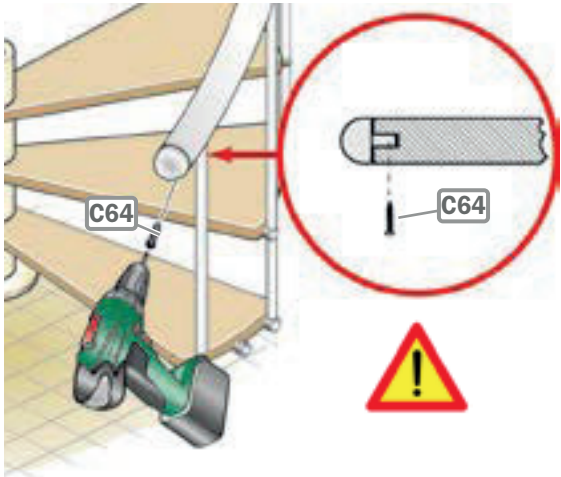
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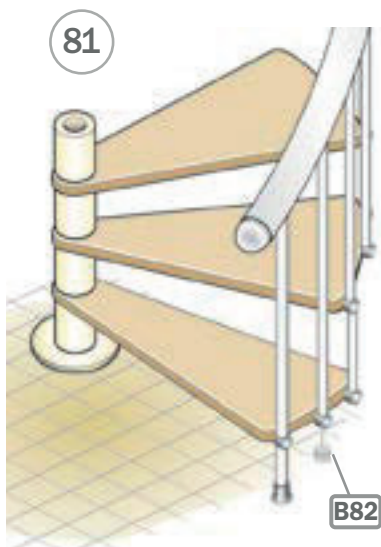
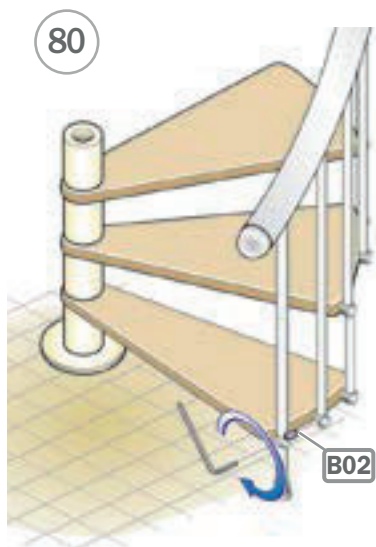
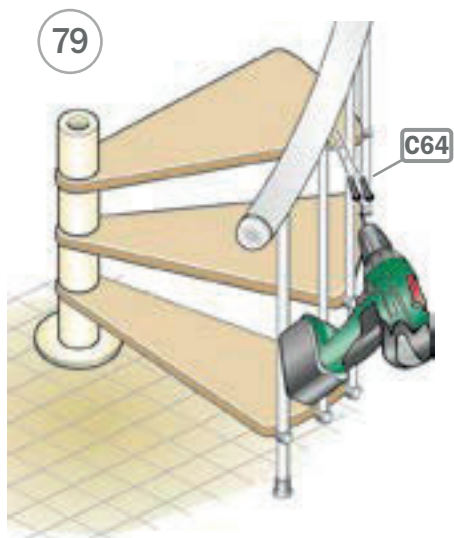
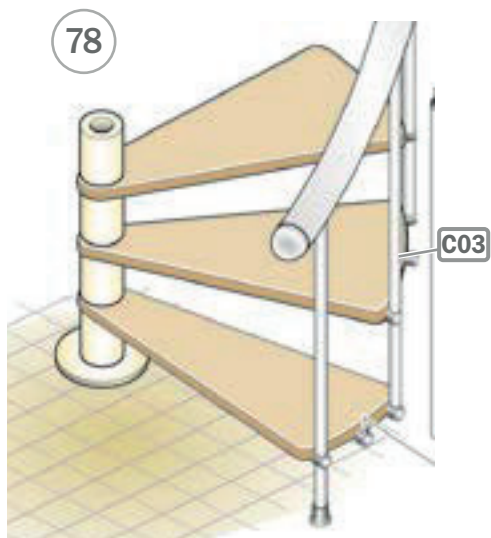


76

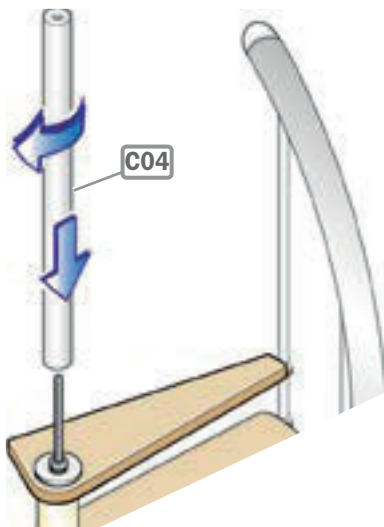


77

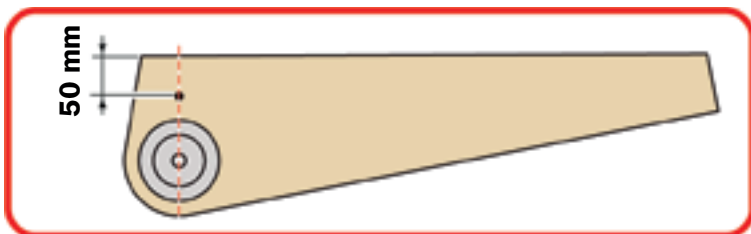




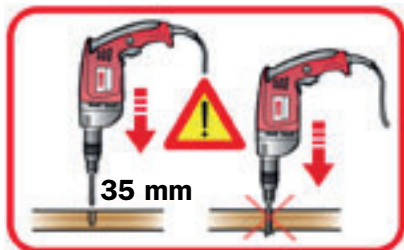
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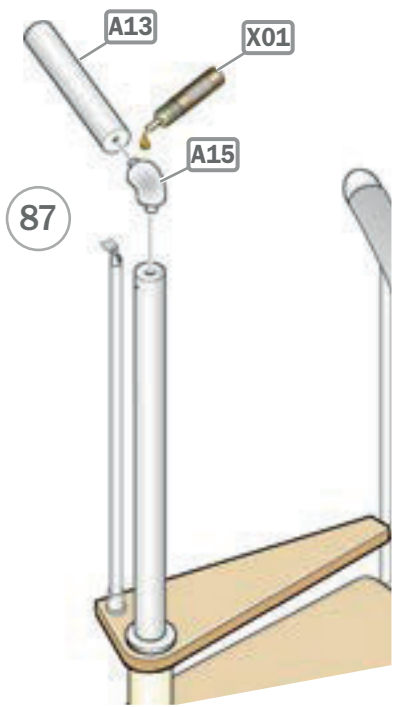
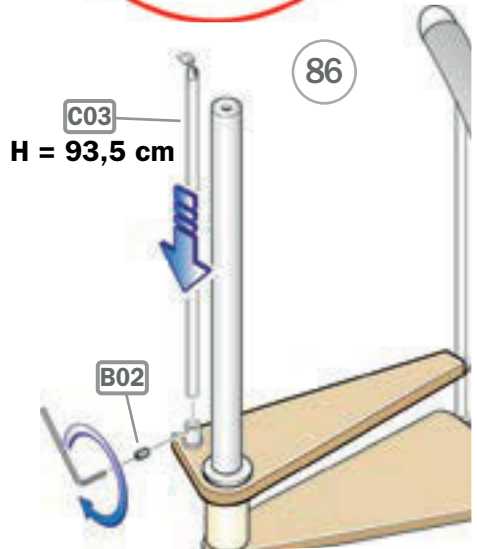
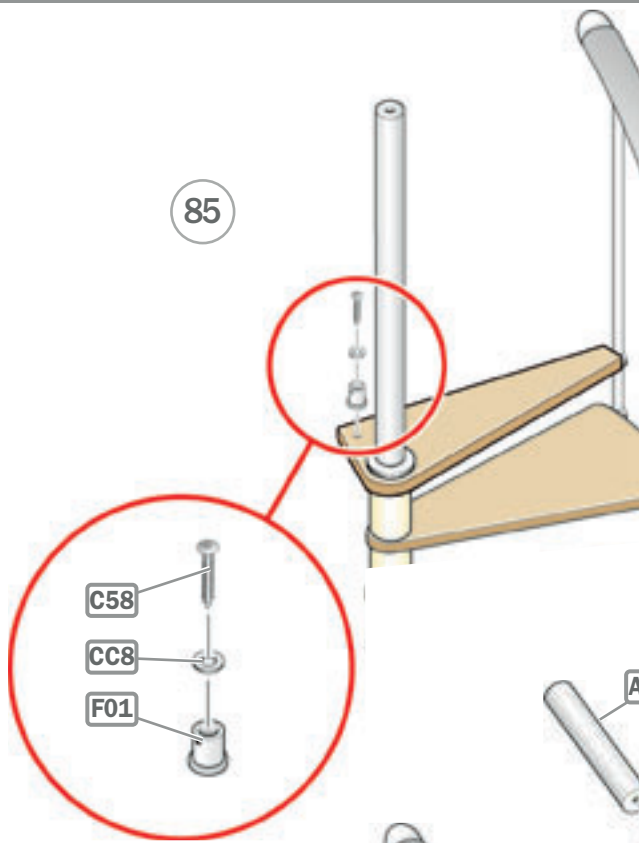


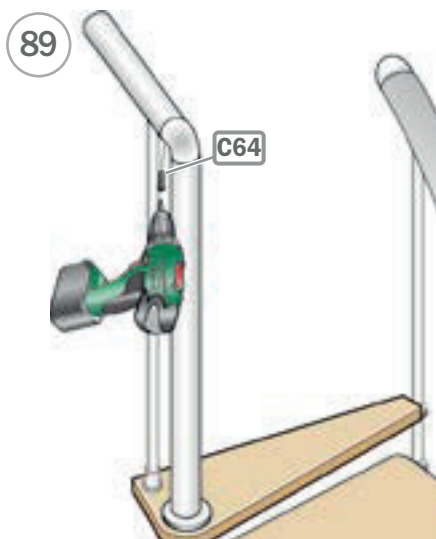
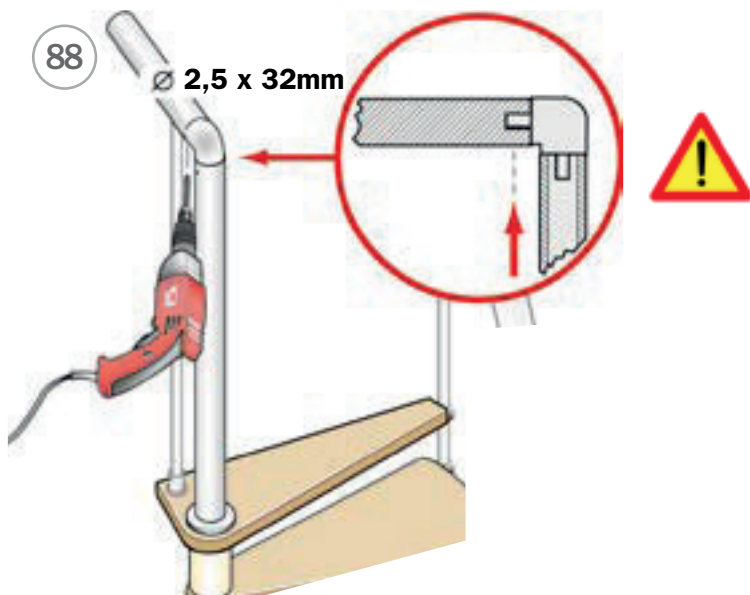
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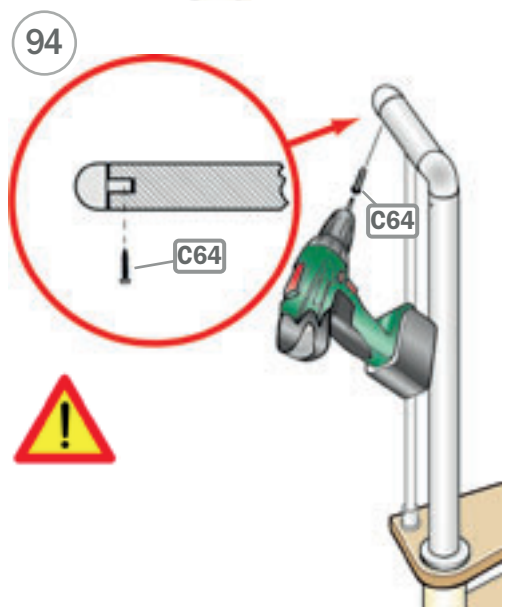
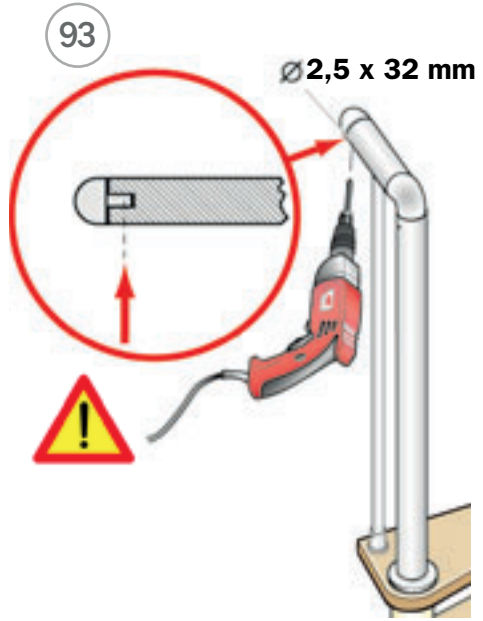
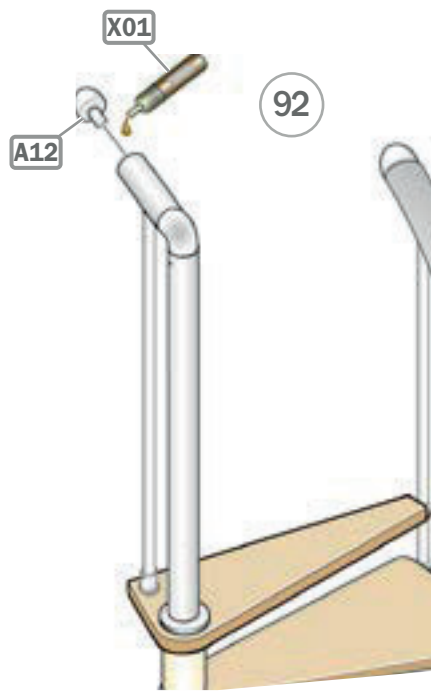
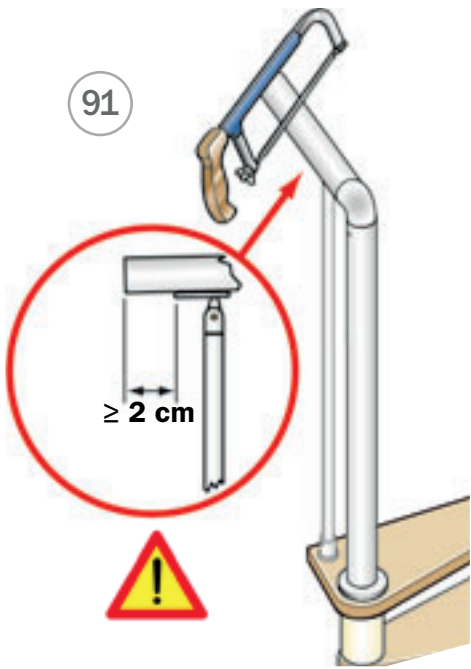


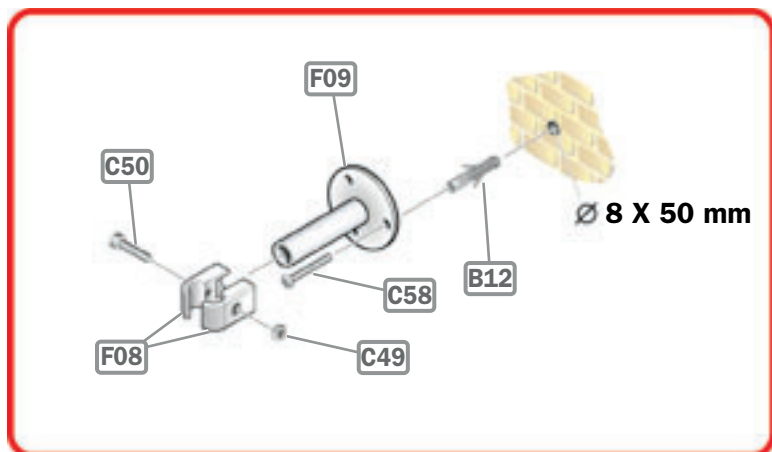
84



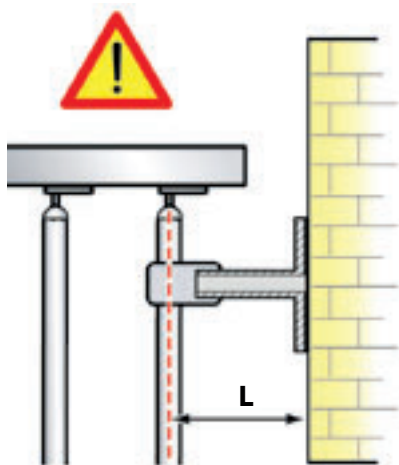




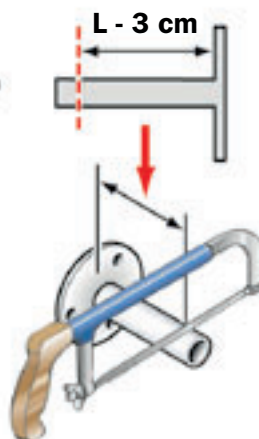




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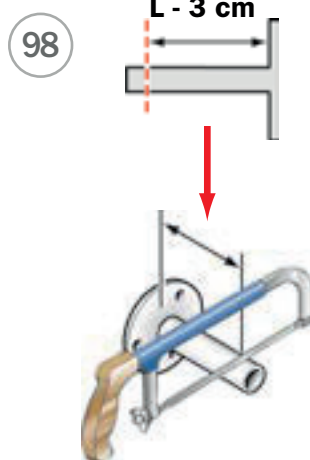
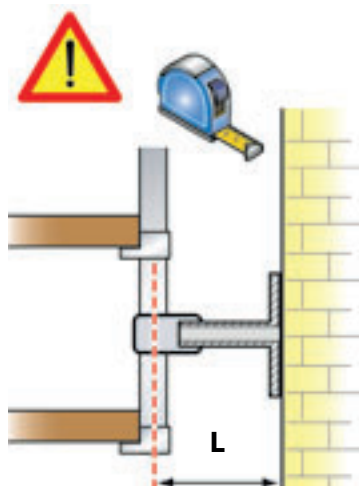
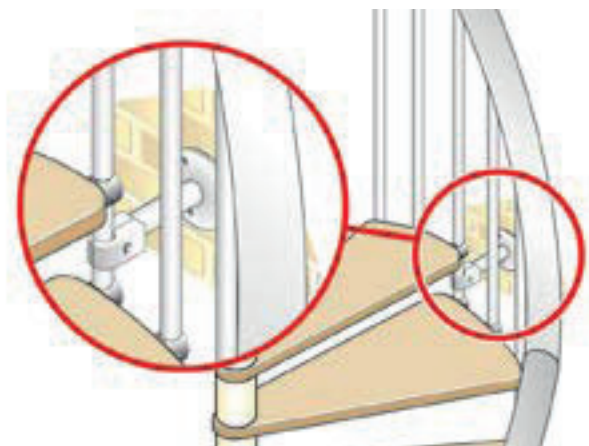


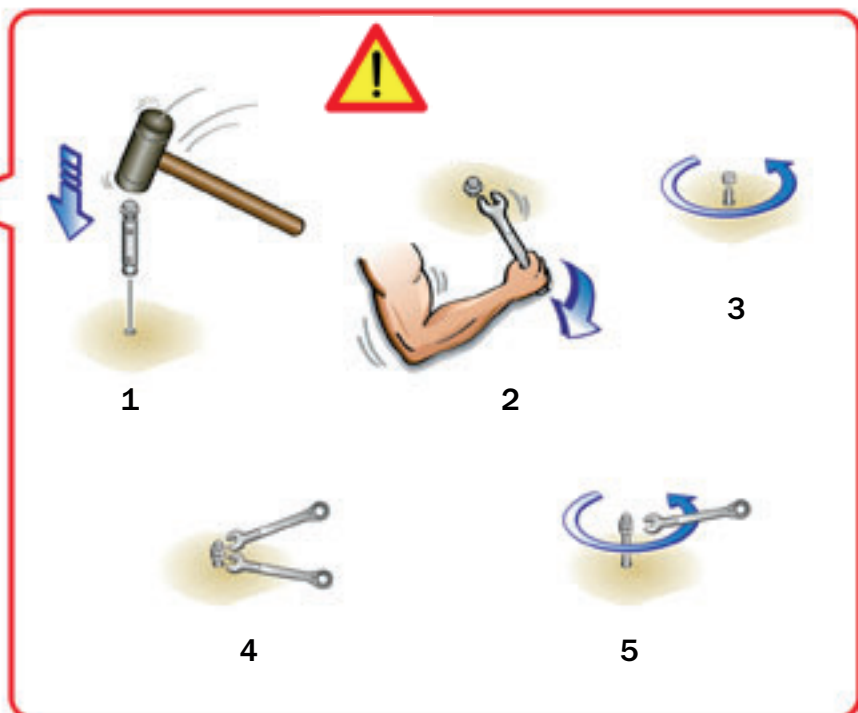
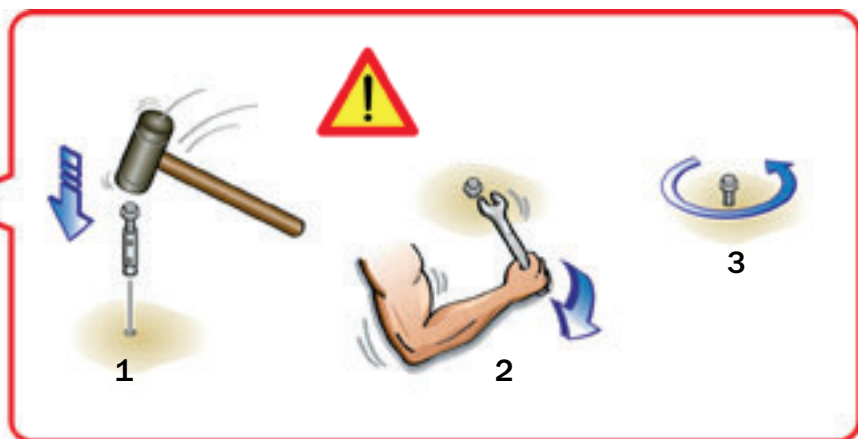
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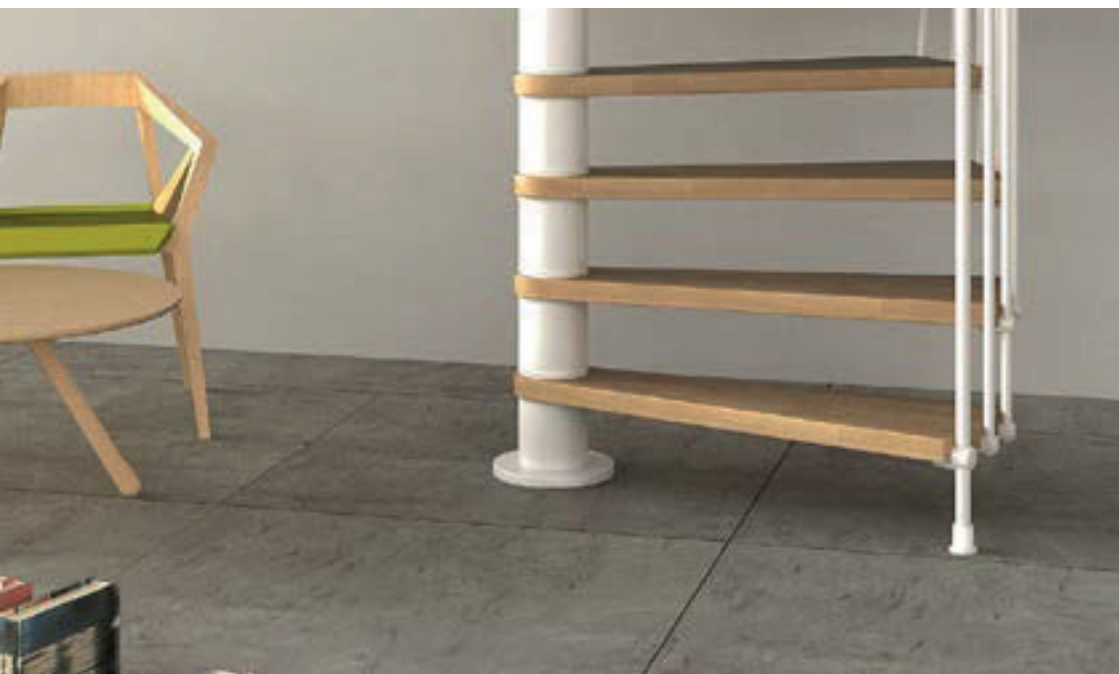


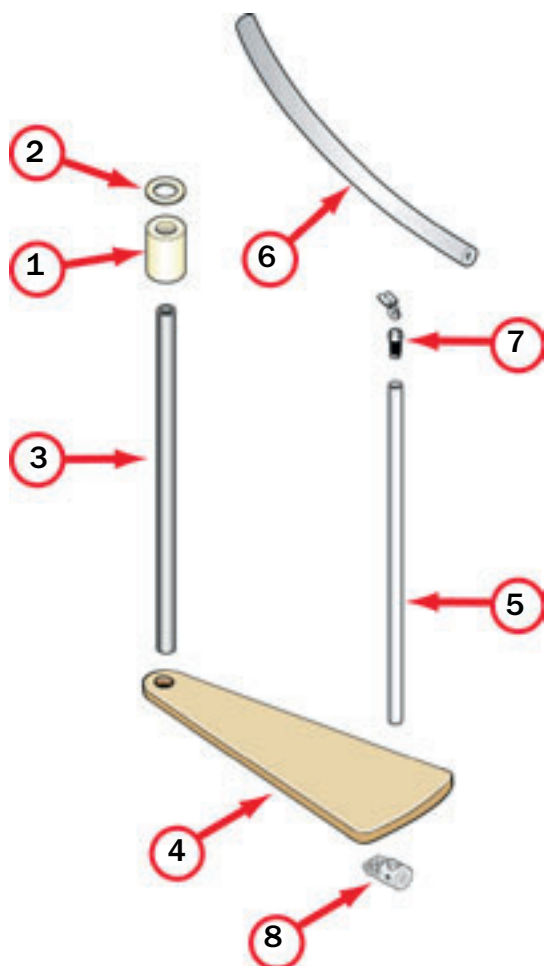




**Italiano**  
**English**  
**Français**  
**Nederlands**  
**Deutsch**  
**Español**

DATI IDENTIFICATIVI DEL PRODOTTO  
PRODUCT DETAILS  
DONNÉES D'IDENTIFICATION DU PRODUIT  
IDENTIFICATIE VAN HET PRODUKT  
PRODUKTEIGENSCHAFTEN  
DATOS DE IDENTIFICACIÓN





## IT) dati identificativi del prodotto

denominazione commerciale: **TULIP**  
tipologia: scala a chiocciola a pianta tonda

### materiali impiegati

#### STRUTTURA

##### descrizione

composta da distanziali (1) in metallo e spessori (2) in plastica impilati e compressi sul palo (3) centrale modulare

##### materiali

distanziali: Fe 370

spessori: nylon

palo: Fe 370 zincato

##### finitura

distanziali: verniciatura a forno con polveri epossidiche

#### GRADINI

##### descrizione

gradini (4) in legno circolari impilati sul palo (3) centrale

##### materiali

faggio

##### finitura

tinta: all'acqua

fondo: all'acqua

finitura: all'acqua

#### RINGHIERA

##### descrizione

composta da colonnine (5) verticali in metallo fissate ai gradini (4) e da un corrimano (6) di PVC

##### materiali

colonnine: Fe 370

corrimano: PVC con anima in alluminio

fissaggi (7): nylon

fissaggi (8): alluminio

##### finitura

colonnine (5) e fissaggi (8): verniciatura a forno con polveri epossidiche

### PULIZIA E MANUTENZIONE OBBLIGATORIA

Eseguire la pulizia della scala alla prima comparsa di macchie di sporco e depositi di polvere e periodicamente almeno ogni 6 mesi con panno morbido inumidito in acqua e detersivi specifici non abrasivi ed aggressivi. **NON** usare mai pagliette abrasive o in ferro. Pulire ed asciugare accuratamente dopo il lavaggio con un panno in microfibra al fine di eliminare gli aloni del calcare presente nell'acqua. Dopo circa 12 mesi dalla data di installazione, controllare il serraggio della viteria dei vari componenti. Al verificarsi di qualsiasi minimo malfunzionamento è obbligatorio effettuare una manutenzione straordinaria, da eseguire subito e a regola d'arte.

### PRECAUZIONI D'USO

Evitare usi impropri e non consoni al prodotto. Eventuali manomissioni o installazioni non rispondenti alle istruzioni del produttore possono inficiare le conformità prestabilite del prodotto.

## EN) product details

trade name: **TULIP**  
type: spiral round staircase

### materials used

#### STRUCTURE

##### description

composed by metal spacers (1) and plastic spacers (2) stacked and packed on the central modular pole (3)

##### materials

spacers: Fe 370

plastic spacers: nylon

pole: Fe 370 galvanized

##### finishing

spacers: oven varnishing with epoxy powders

#### TREADS

##### description

wooden circular treads (4) stacked on the central pole (3)

##### materials

beech

##### finishing

colour: water-base

undercoat: water-base

finishing: water-base

#### RAILING

##### description

composed by metal vertical balusters (5) fixed to treads (4) and by a PVC handrail (6)

##### materials

balusters: Fe 370

handrail: PVC with aluminium core

fixings (7): nylon

fixings (8): aluminium

##### finishing

balusters (5) and fixings (8): oven varnishing with epoxy powders

### OBLIGATORY CLEANING AND MAINTENANCE

Clean the treads as soon as dirt spots and dust deposits appear and at least every 6 months using a soft cloth moistened with water and specific non-abrasive and non-aggressive detergents. **NEVER** use abrasive scourers. After cleaning, thoroughly dry the surfaces with a microfibre cloth to remove the haloes that form because of the limestone in the water. Approximately 12 months from the date of installation, check tightness of the screws of the various components. Should even the smallest malfunction occur, it is obligatory to immediately and professionally carry out extraordinary maintenance.

### USE PRECAUTION

Avoid any improper use that is not in accordance with the product. possible violations or installations which don't comply with the providers instructions can invalidate the agreed product conformities.

## FR) données d'identification du produit

denomination commerciale : **TULIP**  
typologie : escalier hélicoïdal à plan rond

### materiaux utilisés

#### STRUCTURE

##### description

composée de entretoises (1) en métal et cales (2) en plastique empilées et comprimées sur le pylône (3) modulaire central

##### materiaux

entretoises : Fe 370

cales : nylon

pylône : Fe 370 galvanisé

##### finition

entretoises : vernissage à chaud avec poudres époxy

#### MARCHES

##### description

marches (4) en bois circulaires empilées sur le pylône (3) central

##### materiaux

hêtre

##### finition

vernis : à l'eau

mordant : à l'eau

finition : à l'eau

#### GARDE-CORPS

##### description

composé de colonnettes (5) verticales en metal fixées aux marches (4) et main courante en PVC (6)

##### materiaux

colonnettes : Fe 370

main courante : PVC avec noyau en aluminium

fixations (7) : nylon

fixations (8) : aluminium

##### finition

colonnettes (5) et fixations (8) : vernissage à chaud avec poudres époxy

#### NETTOYAGE ET MAINTENANCE OBLIGATOIRE

Nettoyer les marches dès que des taches de saleté ou des dépôts de poussière apparaissent ; effectuer également un nettoyage périodique, tous les 6 mois, à l'aide d'un chiffon doux, humecté d'eau et de détergents spécifiques non abrasifs et non agressifs. **NE JAMAIS** utiliser de la paille de fer abrasive. Après lavage, nettoyer et essuyer soigneusement avec un chiffon en microfibre, afin d'éliminer les auréoles provoquées par le calcaire contenu dans l'eau. Environ 12 mois après la date d'installation, contrôler le serrage des vis des différents composants. À la moindre défaillance, il est obligatoire d'effectuer immédiatement une maintenance corrective, dans les règles de l'art.

#### PRECAUTION D'UTILISATION

Eviter l'utilisation impropre et non conforme au produit. D'éventuelles altérations ou installations non correspondantes aux instructions du producteur peuvent invalider les conformités préétablies du produit

## NL) identificatie van het produkt

commerciële benaming: **TULIP**  
typologie: spiltrap met rond grondvlak

### gebruikte materialen

#### STRUCTUUR

##### beschrijving

bestaande uit stalen trededragers (1) en kunststof opbouwsegmenten (2) die stapelsgewijs en samengedrukt aan de modulaire binnenspil (3) zijn

##### materiaal

trededragers: Fe 370

opbouwsegmenten: nylon

spil: Fe 370 verzinkt

##### afwerking

trededragers: in oven uitgeharde epoxy-poeder coating

#### TREDE

##### beschrijving

cirkelvormige houten treden (4) stapelsgewijs aan de binnenspil (3) bevestigd

##### materiaal

beukenhout

##### afwerking

kleur: naturel

basis: naturel

afwerking: naturel

#### TRAPLEUNIG

##### beschrijving

bestaande uit verticale stalen spijlen (5) die aan de treden (4) zijn bevestigd en een trapleuning (6) van PVC

##### materiaal

spijlen: Fe 370

trapleuning: PVC met kern van aluminium

bevestigingsmateriaal (7): nylon

bevestigingsmateriaal (8): aluminium

##### afwerking

spijlen (5) en bevestigingsmateriaal (8): in oven uitgeharde epoxy poedercoating

#### REINIGING EN VERPLICHT ONDERHOUD

Maak de ladder met een zachte doek bevochtigd met water en specifieke, niet-schurende en niet-agressieve reinigingsmiddelen schoon zodra de eerste vlekken en stofophoping zich voordoen. Verricht deze handeling elke 6 maanden. **GEEN** metaal- of schuursponsjes gebruiken. Na de reiniging schoonmaken en zorgvuldig met een microvezeldoek drogen om alle kalkvlekken te verwijderen. Controleer, na ongeveer 12 maanden na de installatiedatum, of het schroefwerk van de verschillende onderdelen nog goed vastzit. Verricht bij het kleinste gebrek onmiddellijk het buitengewone onderhoud volgens de technische normen.

#### VOORZORGSMAATREGELEN

Vermijd onjuist en ongeschikt gebruik van het product. Eventuele handelingen of installaties die niet volgens de aanwijzingen van de producent zijn uitgevoerd, kunnen de vooraf bepaalde conformiteit van het product wijzigen.

## DE) Produkteigenschaften

kommerzielle Bezeichnung: **TULIP**  
Typologie: Spindeltreppe mit rundem Grundriss

### verwendete Materialien

#### STRUKTUR

##### Beschreibung

bestehend aus Metalldistanzhülsen **(1)** und Distanzringen **(2)** aus Kunststoff um die Spindel **(3)** im Baukastensystem herum gestapelt und komprimiert

##### Materialien

Distanzhülsen: Fe 370  
Distanzringe: Nylon  
Spindel: Fe 370, verzinkt

##### Ausführung

Distanzhülsen: Pulverbeschichtung mit Epoxydharzen

#### STUFEN

##### Beschreibung

runde Holzstufen **(4)** um die Spindel **(3)** herum gestapelt

##### Materialien

Buche

##### Ausführung

Beizung: Wasserfarbe  
Grundierung: Wasserfarbe  
Oberlack: Wasserfarbe

#### GELÄNDER

##### Beschreibung

bestehend aus senkrechten Geländerstäben **(5)** die auf den Stufen **(4)** und am PVC-Handlauf **(6)** befestigt sind

##### Materialien

Geländerstäben: Fe 370  
Handlauf: PVC mit Aluminiumkern  
Befestigungen **(7)**: Nylon  
Befestigungen **(8)**: Aluminium

##### Ausführung

Geländerstäbe **(5)** und Befestigungen **(8)**:  
Pulverbeschichtung mit Epoxydharzen

#### REINIGUNG UND VORGESCHRIEBENE INSTANDHALTUNG

Die Treppe sofort reinigen wenn Schmutzfl ecken und Staubansammlungen entstehen und sie mindestens alle 6 Monate mit einem weichen, mit Wasser und einem spezifischen, weder scheuernden, noch aggressiven Reinigungsmittel befeuchteten Lappen abzuwischen. **NIEMALS** scheuernde Eisenschwämme verwenden. Nach der Feuchtreinigung mit einem Mikrofasertuch sorgfältig nachtrocknen, um die Schlierenbildung durch kalkhaltiges Wasser zu vermeiden. 12 Monate nach der Montage das Anzugsmoment der Schrauben der verschiedenen Komponenten kontrollieren. Bei Auftreten einer noch so geringen Funktionsstörung muss unbedingt sofort eine fachgerechte außerordentliche Instandhaltung durchgeführt werden.

#### VORSICHTSMAßNAHMEN FÜR DIE ANWENDUNG

Die falsche und unangemessene Verwendung des Produkts vermeiden. Eventuelle Beschädigungen oder nicht der Montageanleitung des Herstellers gemäße Einrichtungen können die vorgegebene Produktkonformität für ungültig erklären.

## ES) datos de identificación del producto

denominación comercial: **TULIP**  
tipo: escalera de caracol de planta redonda

### materiales empleados

#### ESTRUCTURA

##### descripción

compuesta por distanciadores **(1)** de metal y riostras **(2)** de plástico enfilados y comprimidos en el palo **(3)** central modular

##### materiales

distanciadores: Fe 370  
riostras: nylon  
palo: Fe 370 galvanizado

##### acabado

distanciadores: barnizado en horno con polvos epoxídicos

#### PELDAÑOS

##### descripción

pedaños **(4)** circulares de madera enfilados en el palo **(3)** central

##### materiales

haya

##### acabado

barniz: al agua  
imprimación: al agua  
acabado: al agua

#### BARANDILLA

##### descripción

compuesta por barrotes **(5)** verticales de metal fijados a los peldaños **(4)** y por un pasamanos **(6)** de PVC

##### materiales

barrotes: Fe 370  
pasamanos: PVC con alma de aluminio  
fijaciones **(7)**: nylon  
fijaciones **(8)**: aluminio

##### acabado

barrotes **(5)** y fijaciones **(8)**: barnizado en horno con polvos epoxídicos

#### LIMPIEZA Y MANTENIMIENTO OBLIGATORIO

Realizar la limpieza de la escalera en cuanto aparezcan manchas de suciedad y depósitos de polvo, y periódicamente al menos cada 6 meses, con un paño suave humedecido en agua y detergentes específicos no abrasivos ni agresivos. **NO** utilizar nunca lanas abrasivas o de hierro. Limpiar y secar bien después del lavado utilizando un paño de microfibra para eliminar las aureolas de cal dejadas por el agua. Transcurridos unos 12 meses desde la fecha de instalación, comprobar que los tornillos que fijan las distintas partes sigan bien apretados. Ante el menor defecto de funcionamiento, es obligatorio realizar un mantenimiento extraordinario según las reglas del arte.

#### PRECAUCIONES DE USO

Evitar usos impropios y no conformes con el producto. Eventuales manipulaciones o instalaciones que no cumplan con las instrucciones del fabricante pueden menoscabar las cualidades certificadas en las pruebas de conformidad a las que previamente fue sometido el producto.



**Tulip**  
D.U.M.  
03/2022

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**EN**

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**FR**

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**ES**

Descubre cómo reutilizar la caja de embalaje sin desperdicio.

**DE**

Entdecken Sie, wie Sie die Verpackungskiste ohne Abfall wiederverwerten können.

**P**

Dowiedz się więcej, jak ponownie wykorzystać drewnianą skrzynię schodów.

**SV**

Se hur du kan återvinna trälådan.

**FI**

Katso, miten voit kierrättää puulaatikon.

**DA**

Se hvordan du kan genbruge trækassen.

**NO**

Finn ut hvordan du kan gjenbruke trekassen.



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