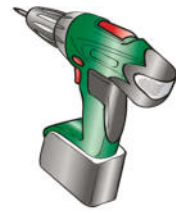
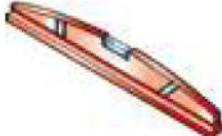
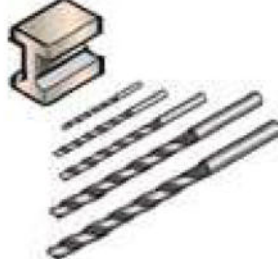
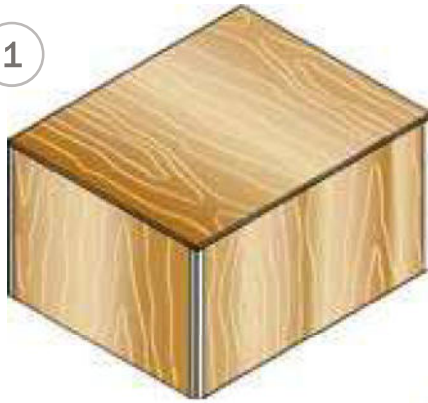


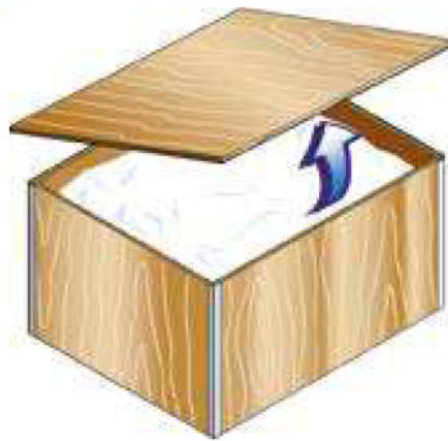
Montageanleitung Spindeltreppe LV anthrazit

			
			
 PH 2	 Ø 8 x 120 mm (D 5/16" x 4 23/32") Ø 12 x 120 mm (D 15/32" x 4 23/32") Ø 14 x 150 mm (D 35/64" x 5 29/32")		 Ø 2,5 mm (D 3/32") Ø 3,5 mm (D 9/64") Ø 4,5 mm (D 11/64") Ø 5,5 mm (D 7/32") Ø 9 mm (D 23/64")
			
	 2,5 mm (3/32") 3 mm (1/8") 5 mm (13/64") 12 mm (15/32")		 10 mm (25/64") 13 mm (33/64") 17 mm (43/64") 19 mm (3/4") 30 mm (1 3/16")
 12 mm (15/32") 13 mm (33/64")			

1

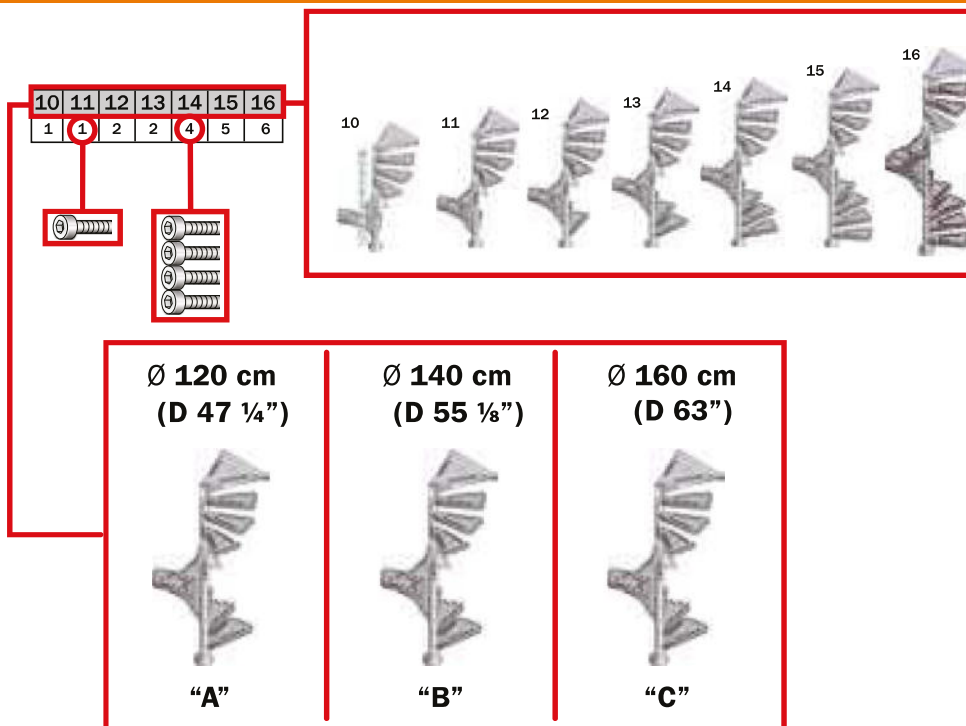


2



3





A02

	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

A03

	10	11	12	13	14	15	16
A	6	6	6	6	6	6	6
B	6	6	6	6	6	6	6
C	6	6	6	6	6	6	6

A18

	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

A19

	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

B03

	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

B04

	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

B05



	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

B08



	10	11	12	13	14	15	16
A	2	2	2	2	2	2	2
B	2	2	2	2	2	2	2
C	2	2	2	2	2	2	2

B11



	10	11	12	13	14	15	16
A	7	7	7	7	7	7	7
B	10	10	10	10	10	10	10
C	10	10	10	10	10	10	10

B12



	10	11	12	13	14	15	16
A	7	7	7	7	7	7	7
B	10	10	10	10	10	10	10
C	10	10	10	10	10	10	10

B13



	10	11	12	13	14	15	16
A	6	6	6	6	6	6	6
B	6	6	6	6	6	6	6
C	6	6	6	6	6	6	6

B17



	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

B23



	10	11	12	13	14	15	16
A	6	6	6	6	6	6	6
B	7	7	7	7	7	7	7
C	8	8	8	8	8	8	8

B27



	10	11	12	13	14	15	16
A	12	12	12	12	12	12	12
B	14	14	14	14	14	14	14
C	16	16	16	16	16	16	16

B36



	10	11	12	13	14	15	16
A	2	2	2	2	2	2	2
B	3	3	3	3	3	3	3
C	3	3	3	3	3	3	3

B37



	10	11	12	13	14	15	16
A	2	2	2	2	2	2	2
B	3	3	3	3	3	3	3
C	3	3	3	3	3	3	3

B46



	10	11	12	13	14	15	16
A	2	2	2	2	2	2	2
B	2	2	2	2	2	2	2
C	2	2	2	2	2	2	2

B47



	10	11	12	13	14	15	16
A	1	1	1	1	1-2	2	2
B	1	1	1	1	1-2	2	2
C	1	1	1	1	1-2	2	2

B54



	10	11	12	13	14	15	16
A	27	29	31	33	35	37	39
B	37	40	43	46	49	52	55
C	38	41	44	47	50	53	56

B55



	10	11	12	13	14	15	16
A	27	29	31	33	35	37	39
B	37	40	43	46	49	52	55
C	38	41	44	47	50	53	56

B82



	10	11	12	13	14	15	16
A	19	21	23	25	27	29	31
B	28	31	34	37	40	43	46
C	28	31	34	37	40	43	46

B89

	10	11	12	13	14	15	16
A	6	6	6	6	6	6	6
B	7	7	7	7	7	7	7
C	8	8	8	8	8	8	8

BE3

	10	11	12	13	14	15	16
A	25	27	29	31	33	35	37
B	35	38	41	44	47	50	53
C	36	39	42	45	48	51	54

BE4

	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

BG6

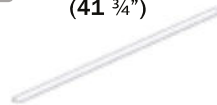
	10	11	12	13	14	15	16
A	29	32	35	38	41	44	47
B	38	42	46	50	54	58	62
C	38	42	46	50	54	58	62

BS1

	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

C03 H = 935 mm
(36 13/16")

	10	11	12	13	14	15	16
A	7	7	7	7	7	7	7
B	8	8	8	8	8	8	8
C	9	9	9	9	9	9	9

C03 H = 1060 mm
(41 3/4")

	10	11	12	13	14	15	16
A	0	0	0	0	0	0	0
B	9	10	11	12	13	14	15
C	9	10	11	12	13	14	15

C03 H = 1095 mm
(43 1/8")

	10	11	12	13	14	15	16
A	9	10	11	12	13	14	15
B	0	0	0	0	0	0	0
C	0	0	0	0	0	0	0

C03 H = 1130 mm
(44 1/2")

	10	11	12	13	14	15	16
A	0	0	0	0	0	0	0
B	9	10	11	12	13	14	15
C	9	10	11	12	13	14	15

C03 H = 1190 mm
(46 7/8")

	10	11	12	13	14	15	16
A	9	10	11	12	13	14	15
B	9	10	11	12	13	14	15
C	9	10	11	12	13	14	15

C13

	10	11	12	13	14	15	16
A	29	32	35	38	41	44	47
B	38	42	46	50	54	58	62
C	38	42	46	50	54	58	62

C29

	10	11	12	13	14	15	16
A	6	6	6	6	6	6	6
B	9	9	9	9	9	9	9
C	9	9	9	9	9	9	9

C31

	10	11	12	13	14	15	16
A	37	40	43	46	49	52	55
B	47	51	55	59	63	67	71
C	48	52	56	60	64	68	72

C36

	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

C87

	10	11	12	13	14	15	16
A	4	4	4	4	4	4	4
B	4	4	4	4	4	4	4
C	4	4	4	4	4	4	4

C92



	10	11	12	13	14	15	16
A	2	2	2	2	2	2	2
B	2	2	2	2	2	2	2
C	2	2	2	2	2	2	2

CC5



	10	11	12	13	14	15	16
A	27	29	31	33	35	37	39
B	37	40	43	46	49	52	55
C	38	41	44	47	50	53	56

CC6



	10	11	12	13	14	15	16
A	27	29	31	33	35	37	39
B	37	40	43	46	49	52	55
C	38	41	44	47	50	53	56

CL7



	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

CL8



	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

D01



	10	11	12	13	14	15	16
A	3	3	4	3	3	3	3
B	3	3	4	3	3	3	3
C	3	3	4	3	3	3	3

D02



	10	11	12	13	14	15	16
A	10	11	12	13	14	15	16
B	10	11	12	13	14	15	16
C	10	11	12	13	14	15	16

D03



	10	11	12	13	14	15	16
A	50	55	60	65	70	75	80
B	50	55	60	65	70	75	80
C	50	55	60	65	70	75	80

D04



	10	11	12	13	14	15	16
A	9	10	11	12	13	14	15
B	9	10	11	12	13	14	15
C	9	10	11	12	13	14	15

D05



	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	0	0	0	0	0	0	0

D12



	10	11	12	13	14	15	16
A	0	0	0	0	0	0	0
B	0	0	0	0	0	0	0
C	1	1	1	1	1	1	1

D14



	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

D32



	10	11	12	13	14	15	16
A	29	32	35	38	41	44	47
B	38	42	46	50	54	58	62
C	38	42	46	50	54	58	62

D33



	10	11	12	13	14	15	16
A	29	32	35	38	41	44	47
B	38	42	46	50	54	58	62
C	38	42	46	50	54	58	62

E08



	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

F01



	10	11	12	13	14	15	16
A	8	8	8	8	8	8	8
B	9	9	9	9	9	9	9
C	10	10	10	10	10	10	10

F08



	10	11	12	13	14	15	16
A	4	4	4	4	4	4	4
B	6	6	6	6	6	6	6
C	6	6	6	6	6	6	6

F09



	10	11	12	13	14	15	16
A	2	2	2	2	2	2	2
B	3	3	3	3	3	3	3
C	3	3	3	3	3	3	3

G01



	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

G02



	10	11	12	13	14	15	16
A	2	2	2	2	2-3	3	3
B	2	2	2	2	2-3	3	3
C	2	2	2	2	2-3	3	3

G03



	10	11	12	13	14	15	16
A	1	1	1	1	1	1	1
B	1	1	1	1	1	1	1
C	1	1	1	1	1	1	1

H11



	10	11	12	13	14	15	16
A	18	20	22	24	26	28	30
B	27	30	33	36	39	42	45
C	27	30	33	39	39	42	45

L65



	10	11	12	13	14	15	16
A	9	10	11	12	13	14	15
B	0	0	0	0	0	0	0
C	0	0	0	0	0	0	0

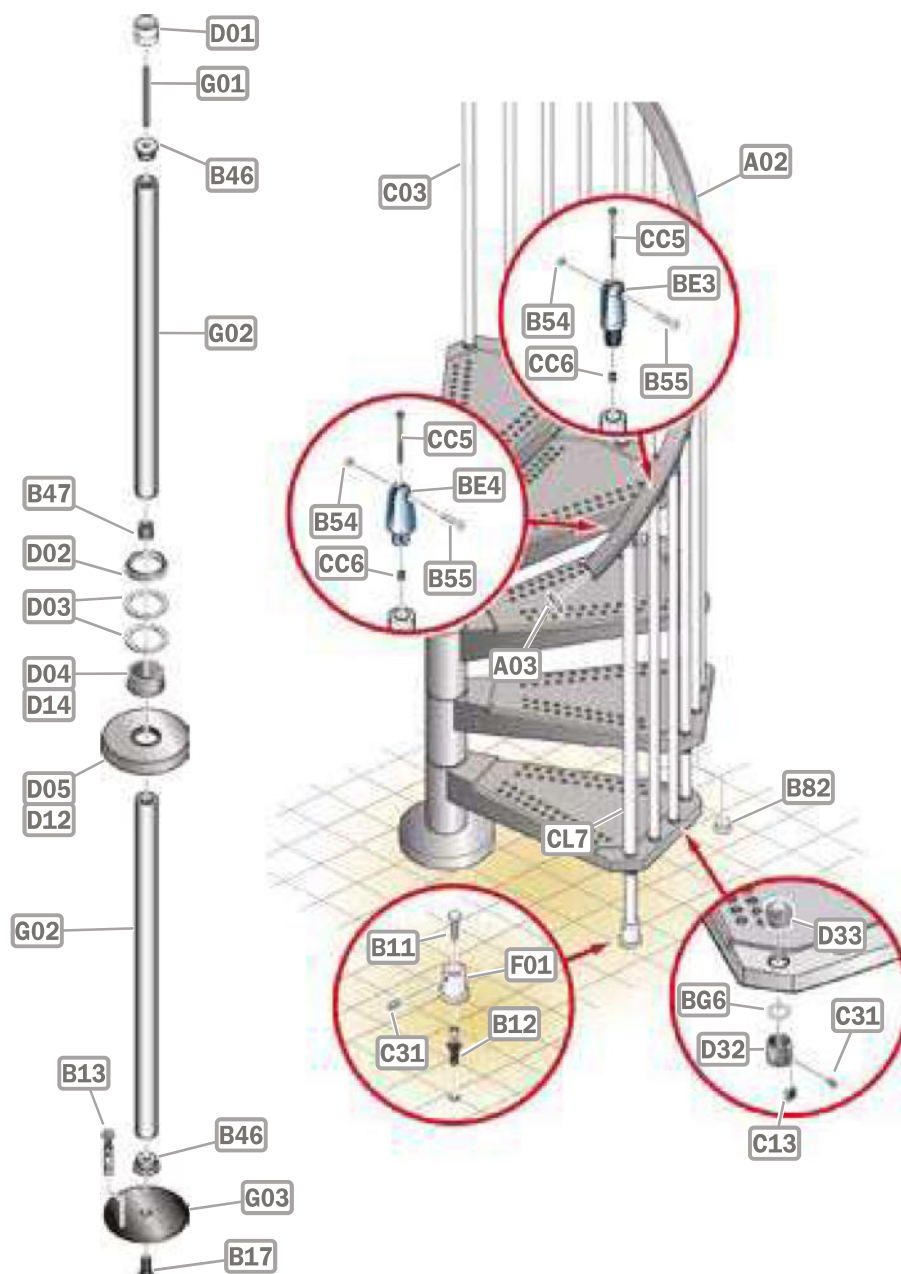
L65

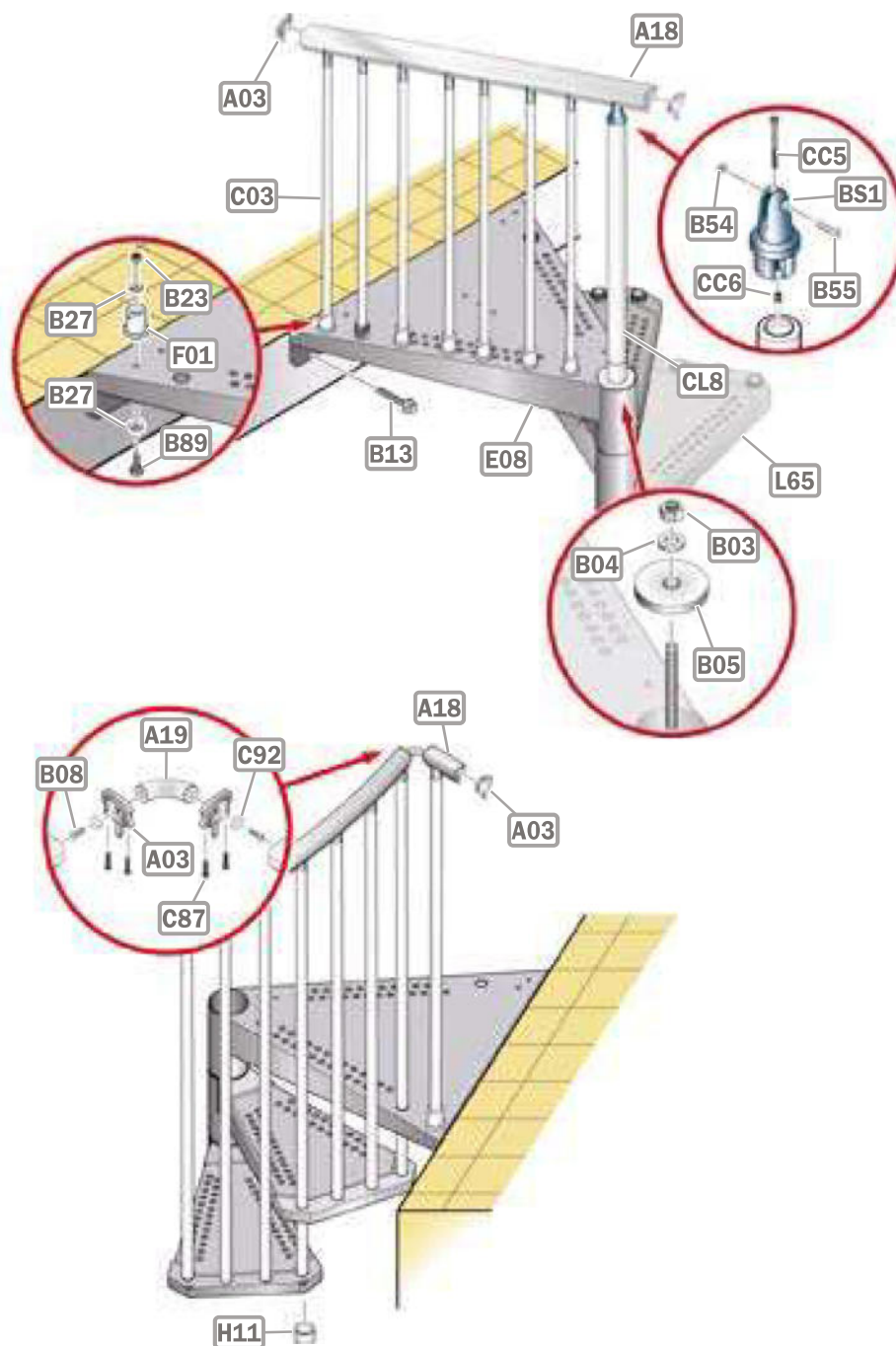


	10	11	12	13	14	15	16
A	0	0	0	0	0	0	0
B	9	10	11	12	13	14	15
C	9	10	11	12	13	14	15

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,...).

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,...).

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...).

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,...).



SV) OBSERVERA!

Läs och följ noggrant dessa anvisningar och spara dem för framtida konsultation.

Utför installationen på ett yrkesmannamässigt sätt med lämpliga verktyg. Följ monteringsinstruktionerna i detalj. Informera dig före installationen om lokala och nationella bestämmelser som ska respekteras, beroende på avsett användningsområde (privat, offentlig, kontor, butiker o.s.v.).

DA) ADVARSEL!

Læs og overhold nøje disse anvisninger og opbevar dem til efterfølgende henvisninger.

Installationen skal udføres i overensstemmelse med bedste praksis, ved brug af egnede redskaber; følg omhyggeligt monteringsinstruktionerne. Hent oplysninger før installationen angående de lokale og nationale bestemmelser, der skal overholdes afhængigt af den påtænkte anvendelse (privat hovedbrug, privat sekundær brug, kontorer, butikker,...).

NO) ADVARSEL!

Les og følg bruksanvisningen nøye og oppbevar den for senere bruk.

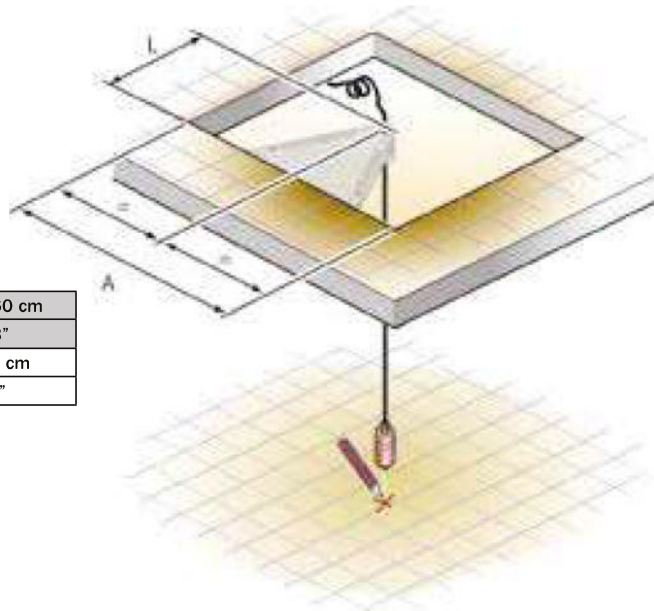
Produktet må installeres "etter alle kunstens regler" og med passende verktøy. Følg monteringsbeskrivelsen nøye. Informer deg om eventuelle lokale og nasjonale forskrifter som gjelder for ditt spesielle bruksområde (primær eller sekundær privat bruk, kontorer, forretninger osv.) før du installerer produktet.

FI) VAROITUS!

Lue ja noudata huolellisesti näitä ohjeita ja säilytä ne tulevaa tarvetta varten.

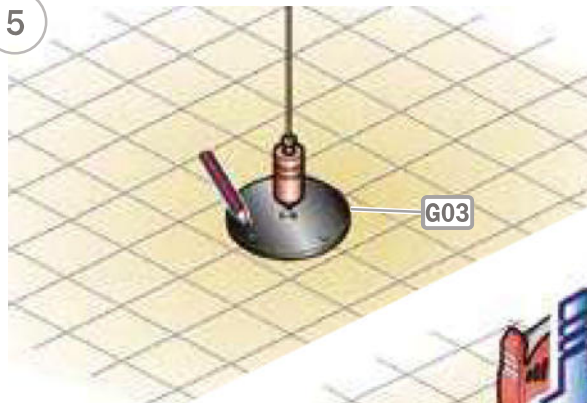
Suorita asennus kunnolla käyttäen asianmukaisia välineitä; noudata huolellisesti asennusohjeita. Tutustu ennen asennusta voimassa oleviin paikallisiin ja kansallisiin määräyksiin, käyttökohteen mukaan (yksityinen pääasiallinen, toissijainen, toimisto, kaupat,...).

4

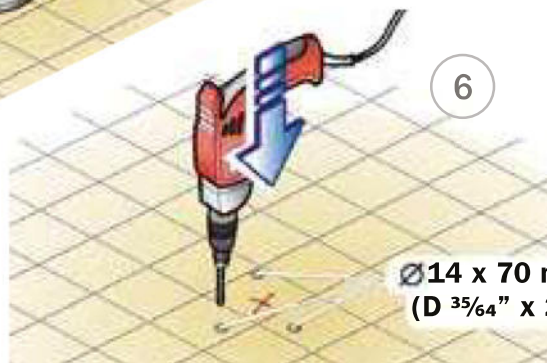


	Ø 120 cm	Ø 140 cm	Ø 160 cm
	Ø 47 1/4"	Ø 55 1/8"	Ø 63"
L	62,5 cm	72,5 cm	82,5 cm
L	24 5/8"	28 9/16"	32 1/2"

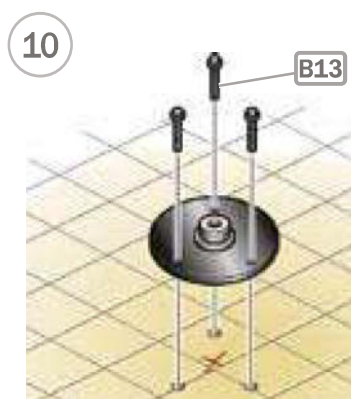
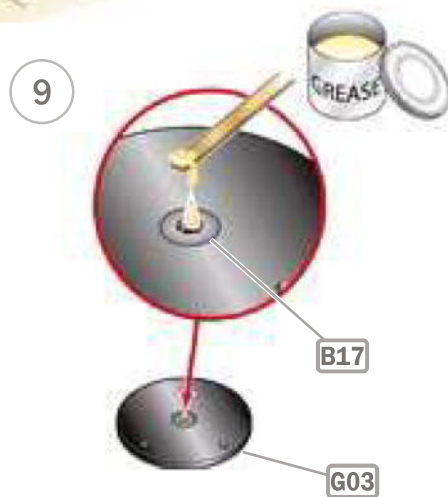
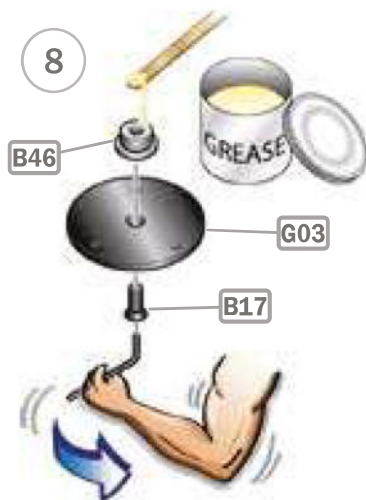
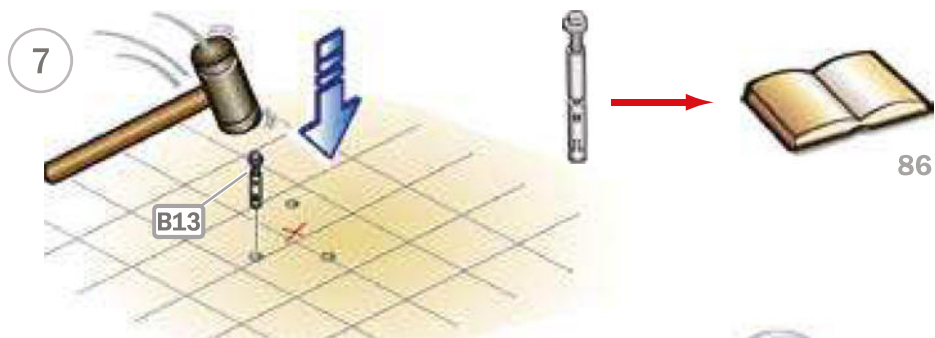
5



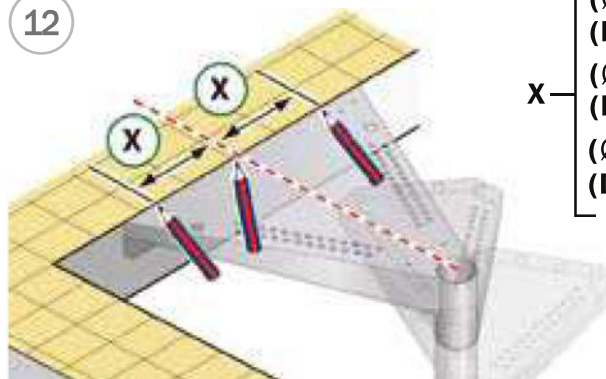
6



Ø14 x 70 mm
(D 35/64" x 2 3/4")

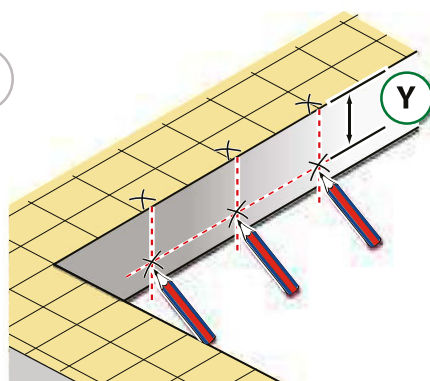


12

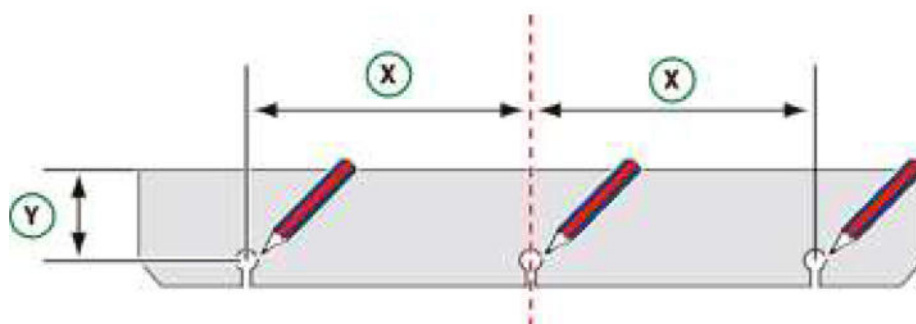


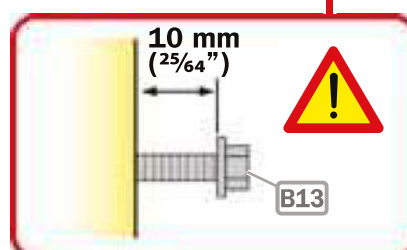
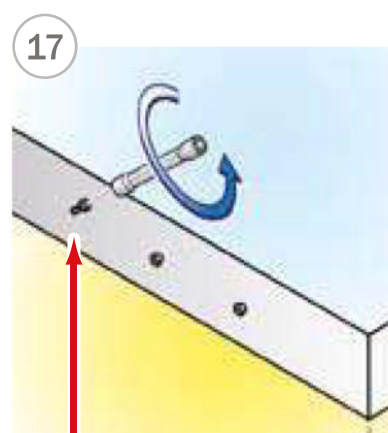
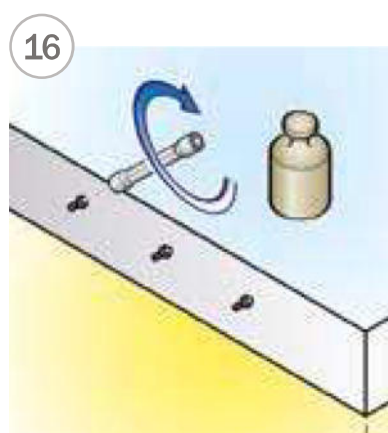
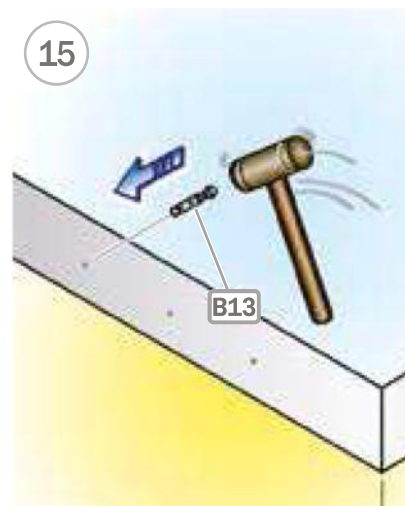
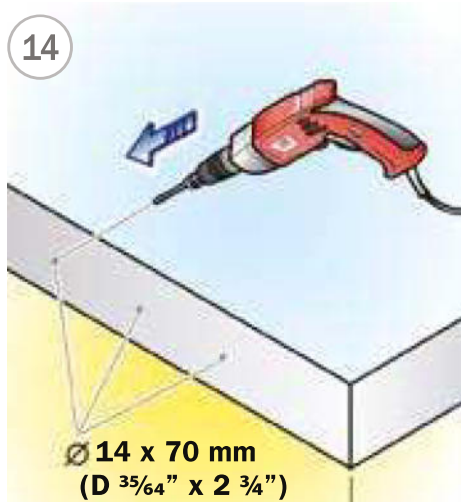
$(\varnothing 120 \text{ cm}) = 29 \text{ cm}$
 $(D 47 \frac{1}{4} \text{''}) = 11 \frac{13}{32} \text{''}$
 $(\varnothing 140 \text{ cm}) = 34,5 \text{ cm}$
 $(D 55 \frac{1}{8} \text{''}) = 13 \frac{9}{16} \text{''}$
 $(\varnothing 160 \text{ cm}) = 41 \text{ cm}$
 $(D 63 \text{''}) = 16 \frac{1}{8} \text{''}$

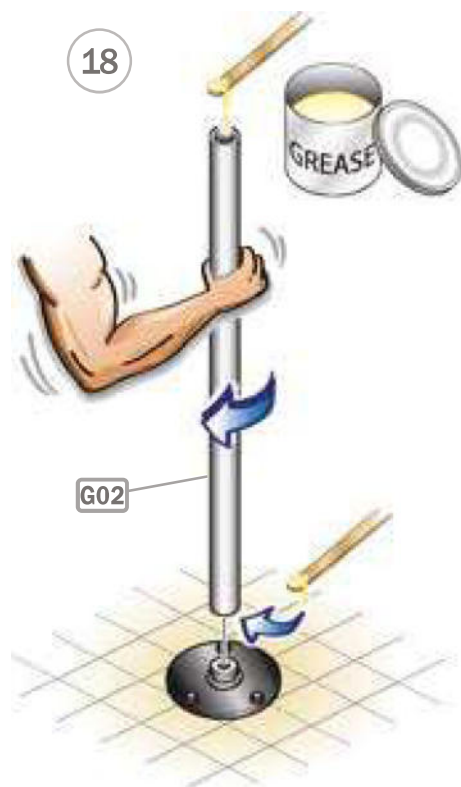
13



$Y = 9,2 \text{ cm } (3 \frac{5}{8} \text{''})$







10



11



12



13



14



15

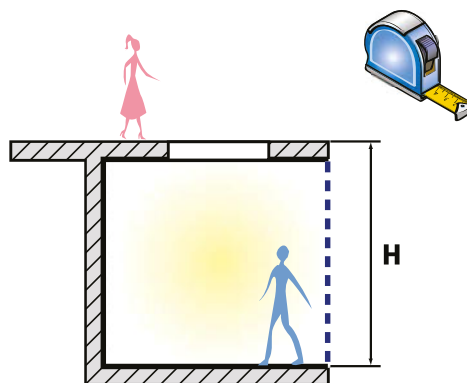


16



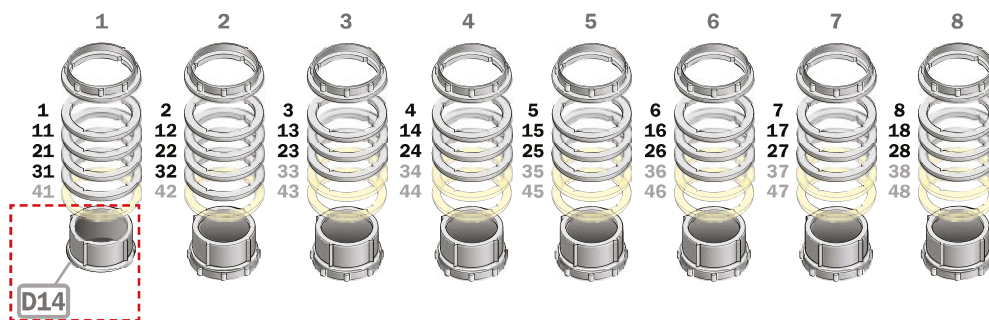


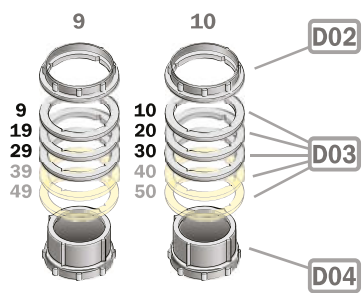
H cm	H inch	D02	D03	D04	D14
211	83 1/4"	10	0	9	1
212	83 7/16"	10	2	9	1
213	83 7/8"	10	4	9	1
214	84 1/4"	10	6	9	1
215	84 5/8"	10	8	9	1
216	85 1/16"	10	10	9	1
217	85 7/16"	10	12	9	1
218	85 13/16"	10	14	9	1
219	86 1/4"	10	16	9	1
220	86 5/8"	10	18	9	1
221	87"	10	20	9	1
222	87 3/8"	10	22	9	1
223	87 13/16"	10	24	9	1
224	88 3/16"	10	26	9	1
225	88 9/16"	10	28	9	1
226	89"	10	30	9	1
227	89 3/8"	10	32	9	1
228	89 3/4"	10	34	9	1
229	90 3/16"	10	36	9	1
230	90 9/16"	10	38	9	1
231	90 15/16"	10	40	9	1
232	91 5/16"	10	42	9	1
233	91 3/4"	10	44	9	1
234	92 1/8"	10	46	9	1
235	92 1/2"	10	48	9	1
236	92 15/16"	10	50	9	1



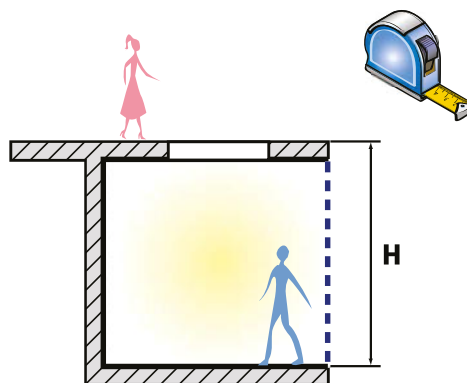
**H = 227 cm
(89 3/8")**

- D02 = 10**
- D03 = 32**
- D04 = 9**
- D14 = 1**





H cm	H inch	D02	D03	D04	D14
232	91 ⁵ / ₁₆ "	11	1	10	1
233	91 ³ / ₄ "	11	3	10	1
234	92 ¹ / ₈ "	11	5	10	1
235	92 ¹ / ₂ "	11	7	10	1
236	92 ¹⁵ / ₁₆ "	11	9	10	1
237	93 ⁵ / ₁₆ "	11	11	10	1
238	93 ¹¹ / ₁₆ "	11	13	10	1
239	94 ¹ / ₈ "	11	15	10	1
240	94 ¹ / ₂ "	11	17	10	1
241	94 ⁷ / ₈ "	11	19	10	1
242	95 ¹ / ₄ "	11	21	10	1
243	95 ¹¹ / ₁₆ "	11	23	10	1
244	96 ¹ / ₁₆ "	11	25	10	1
245	96 ⁷ / ₁₆ "	11	27	10	1
246	96 ⁷ / ₈ "	11	29	10	1
247	97 ¹ / ₄ "	11	31	10	1
248	97 ⁵ / ₈ "	11	33	10	1
249	98 ¹ / ₁₆ "	11	35	10	1
250	98 ⁷ / ₁₆ "	11	37	10	1
251	98 ¹³ / ₁₆ "	11	39	10	1
252	99 ¹ / ₁₆ "	11	41	10	1
253	99 ⁵ / ₈ "	11	43	10	1
254	100 "	11	45	10	1
255	100 ³ / ₈ "	11	47	10	1
256	100 ¹³ / ₁₆ "	11	49	10	1
257	101 ³ / ₁₆ "	11	51	10	1
258	101 ⁹ / ₁₆ "	11	53	10	1
259	101 ¹⁵ / ₁₆ "	11	55	10	1



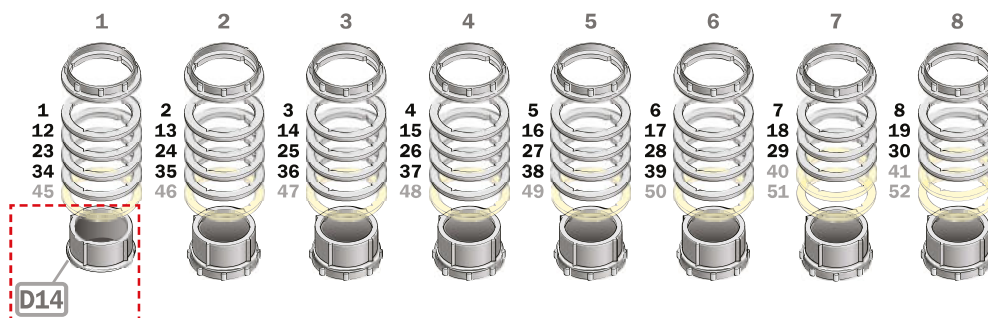
H = 251 cm
(98 ¹³/₁₆")

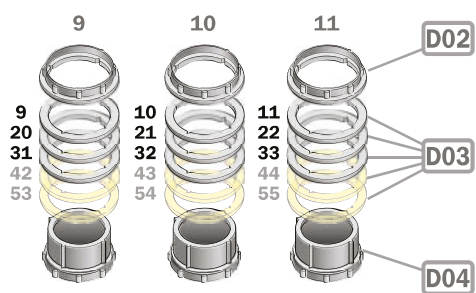
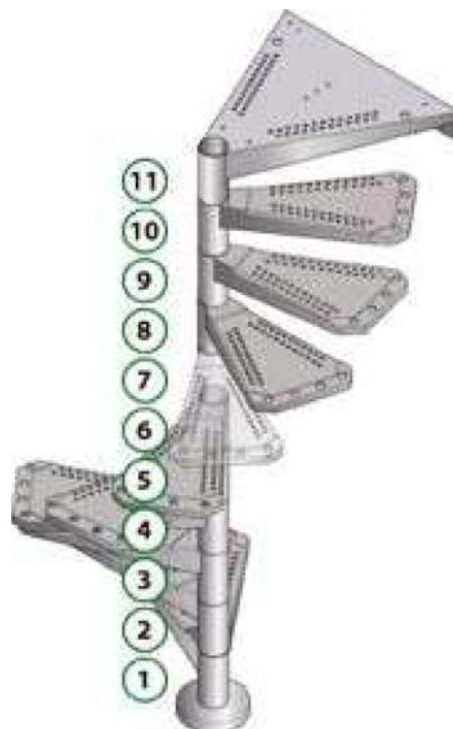
D02 = 11 

D03 = 39 

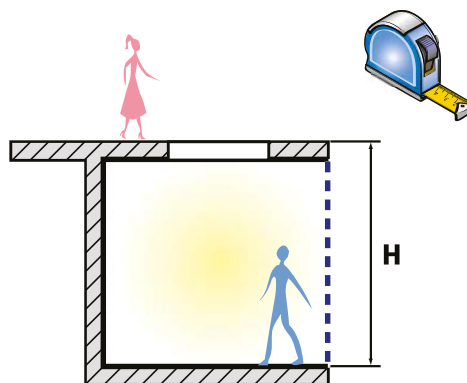
D04 = 10 

D14 = 1 



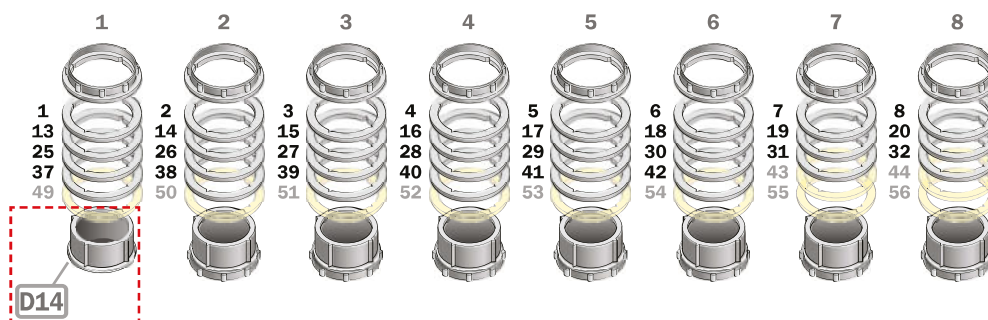


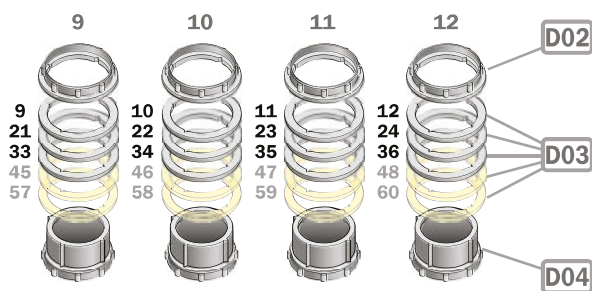
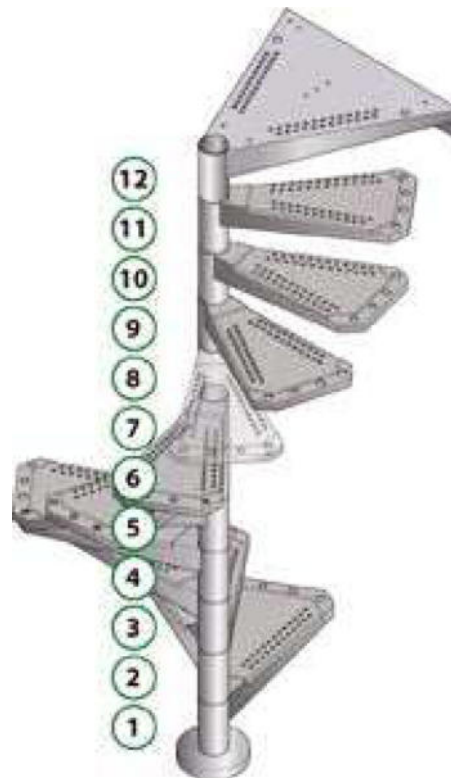
H cm	H inch	D02	D03	D04	D14
253	99 $\frac{5}{8}$ "	12	0	11	1
254	100 "	12	2	11	1
255	100 $\frac{1}{8}$ "	12	4	11	1
256	100 $\frac{13}{16}$ "	12	6	11	1
257	101 $\frac{1}{16}$ "	12	8	11	1
258	101 $\frac{9}{16}$ "	12	10	11	1
259	101 $\frac{15}{16}$ "	12	12	11	1
260	102 $\frac{3}{8}$ "	12	14	11	1
261	102 $\frac{1}{4}$ "	12	16	11	1
262	103 $\frac{1}{8}$ "	12	18	11	1
263	103 $\frac{9}{16}$ "	12	20	11	1
264	103 $\frac{15}{16}$ "	12	22	11	1
265	104 $\frac{1}{16}$ "	12	24	11	1
266	104 $\frac{3}{4}$ "	12	26	11	1
267	105 $\frac{1}{8}$ "	12	28	11	1
268	105 $\frac{1}{2}$ "	12	30	11	1
269	105 $\frac{7}{8}$ "	12	32	11	1
270	106 $\frac{5}{16}$ "	12	34	11	1
271	106 $\frac{11}{16}$ "	12	36	11	1
272	107 $\frac{1}{16}$ "	12	38	11	1
273	107 $\frac{1}{2}$ "	12	40	11	1
274	107 $\frac{7}{8}$ "	12	42	11	1
275	108 $\frac{1}{4}$ "	12	44	11	1
276	108 $\frac{11}{16}$ "	12	46	11	1
277	109 $\frac{1}{16}$ "	12	48	11	1
278	109 $\frac{7}{16}$ "	12	50	11	1
279	109 $\frac{13}{16}$ "	12	52	11	1
280	110 $\frac{1}{4}$ "	12	54	11	1
281	110 $\frac{3}{8}$ "	12	56	11	1
282	111 "	12	58	11	1
283	111 $\frac{7}{16}$ "	12	60	11	1



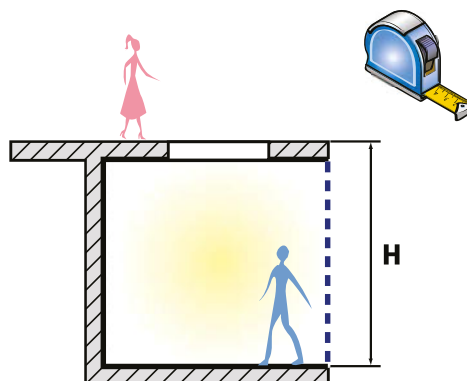
**H = 274 cm
(107 $\frac{7}{8}$ ")**

- D02 = 12**
- D03 = 42**
- D04 = 11**
- D14 = 1**





H cm	H inch	D02	D03	D04	D14
274	107 ⁷ / ₈ "	13	1	12	1
275	108 ¹ / ₄ "	13	3	12	1
276	108 ¹¹ / ₁₆ "	13	5	12	1
277	109 ¹ / ₁₆ "	13	7	12	1
278	109 ⁷ / ₁₆ "	13	9	12	1
279	109 ¹³ / ₁₆ "	13	11	12	1
280	110 ¹ / ₄ "	13	13	12	1
281	110 ⁵ / ₈ "	13	15	12	1
282	111 "	13	17	12	1
283	111 ⁷ / ₁₆ "	13	19	12	1
284	111 ¹³ / ₁₆ "	13	21	12	1
285	112 ³ / ₁₆ "	13	23	12	1
286	112 ⁹ / ₁₆ "	13	25	12	1
287	113 "	13	27	12	1
288	113 ³ / ₈ "	13	29	12	1
289	113 ³ / ₄ "	13	31	12	1
290	114 ³ / ₁₆ "	13	33	12	1
291	114 ⁹ / ₁₆ "	13	35	12	1
292	114 ¹⁵ / ₁₆ "	13	37	12	1
293	115 ³ / ₈ "	13	39	12	1
294	115 ³ / ₄ "	13	41	12	1
295	116 ¹ / ₈ "	13	43	12	1
296	116 ⁹ / ₁₆ "	13	45	12	1
297	116 ¹⁵ / ₁₆ "	13	47	12	1
298	117 ⁵ / ₁₆ "	13	49	12	1
299	117 ¹¹ / ₁₆ "	13	51	12	1
300	118 ¹ / ₈ "	13	53	12	1
301	118 ¹ / ₂ "	13	55	12	1
302	118 ⁷ / ₈ "	13	57	12	1
303	119 ⁵ / ₁₆ "	13	59	12	1
304	119 ¹¹ / ₁₆ "	13	61	12	1
305	120 ¹ / ₁₆ "	13	63	12	1
306	120 ¹ / ₂ "	13	65	12	1



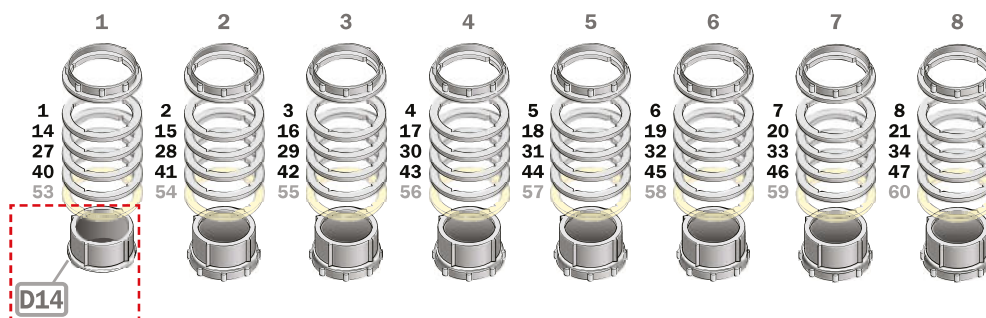
**H = 298 cm
(117 ⁵/₁₆")**

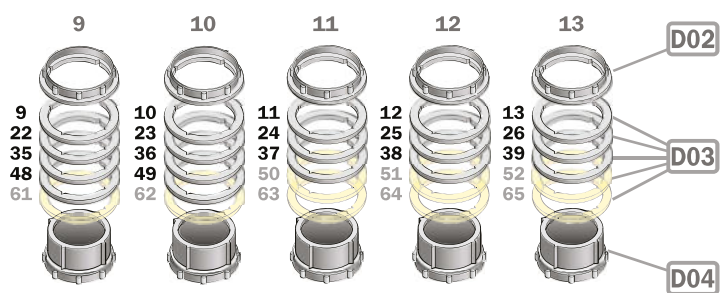
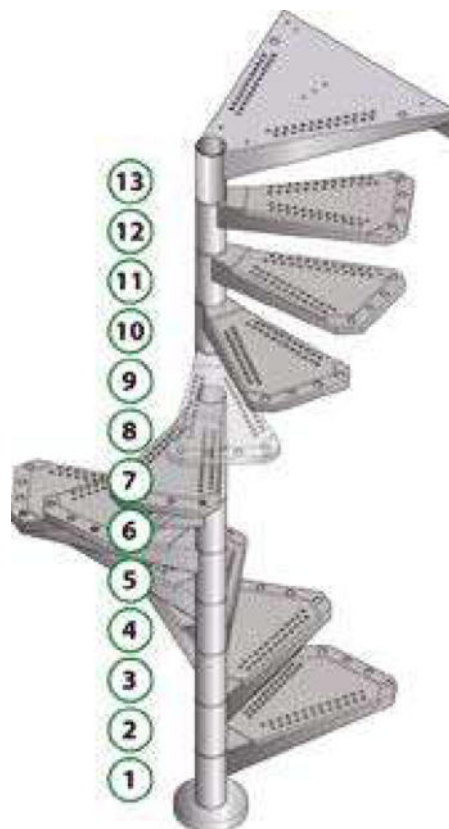
D02 = 13 

D03 = 49 

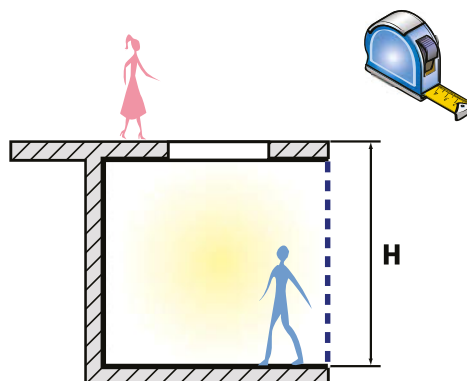
D04 = 12 

D14 = 1 



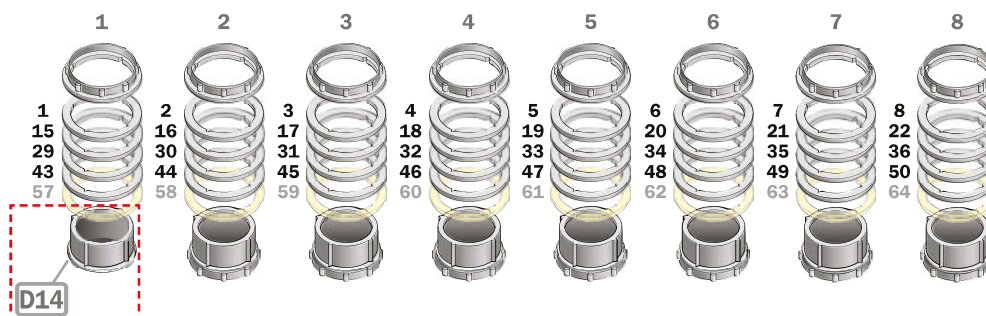


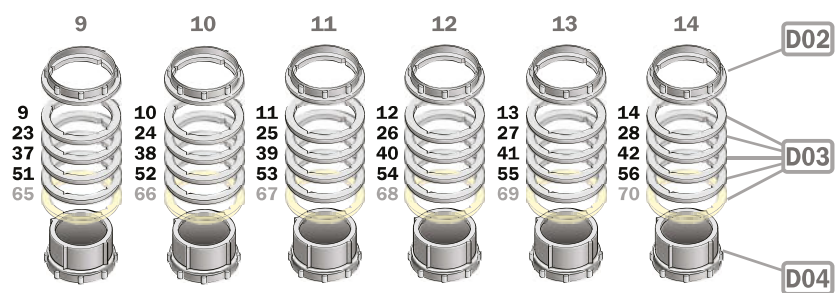
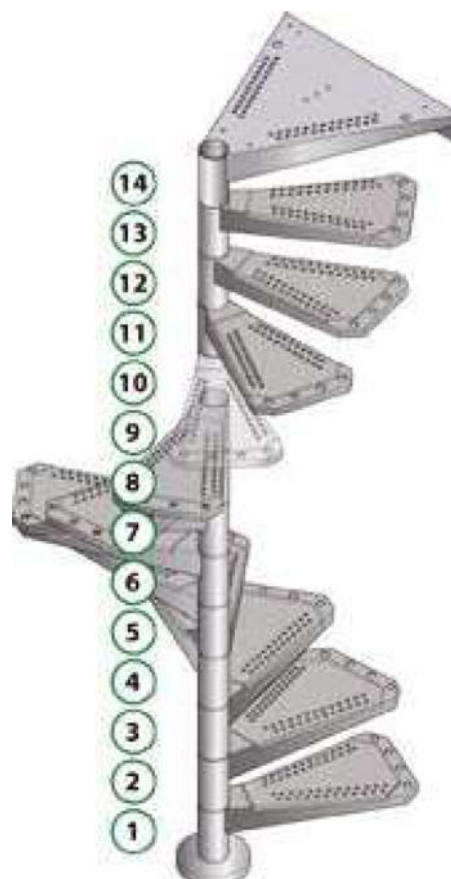
H cm	H inch	D02	D03	D04	D14
295	116 1/8"	14	0	13	1
296	116 3/16"	14	2	13	1
297	116 1/2"	14	4	13	1
298	117 1/16"	14	6	13	1
299	117 1/4"	14	8	13	1
300	118 1/8"	14	10	13	1
301	118 1/2"	14	12	13	1
302	118 3/8"	14	14	13	1
303	119 1/16"	14	16	13	1
304	119 1/4"	14	18	13	1
305	120 1/16"	14	20	13	1
306	120 1/2"	14	22	13	1
307	120 3/8"	14	24	13	1
308	121 1/4"	14	26	13	1
309	121 3/8"	14	28	13	1
310	122 1/16"	14	30	13	1
311	122 1/4"	14	32	13	1
312	122 3/8"	14	34	13	1
313	123 1/4"	14	36	13	1
314	123 3/8"	14	38	13	1
315	124 "	14	40	13	1
316	124 1/16"	14	42	13	1
317	124 3/8"	14	44	13	1
318	125 1/16"	14	46	13	1
319	125 3/8"	14	48	13	1
320	126 "	14	50	13	1
321	126 3/8"	14	52	13	1
322	126 3/4"	14	54	13	1
323	127 1/16"	14	56	13	1
324	127 3/8"	14	58	13	1
325	127 1/2"	14	60	13	1
326	128 3/8"	14	62	13	1
327	128 3/4"	14	64	13	1
328	129 1/8"	14	66	13	1
329	129 1/2"	14	68	13	1
330	129 3/4"	14	70	13	1



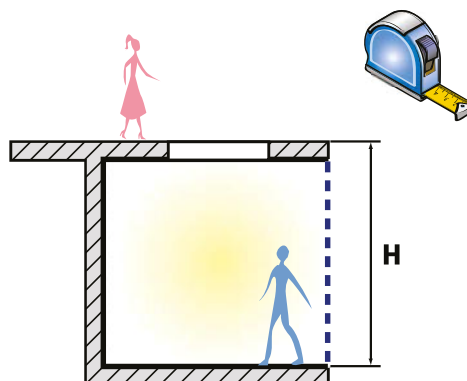
**H = 323 cm
(127 3/16")**

- D02 = 14
- D03 = 56
- D04 = 13
- D14 = 1



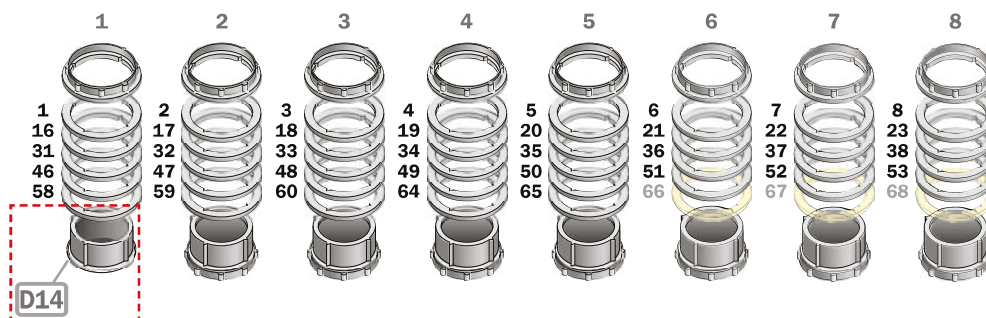


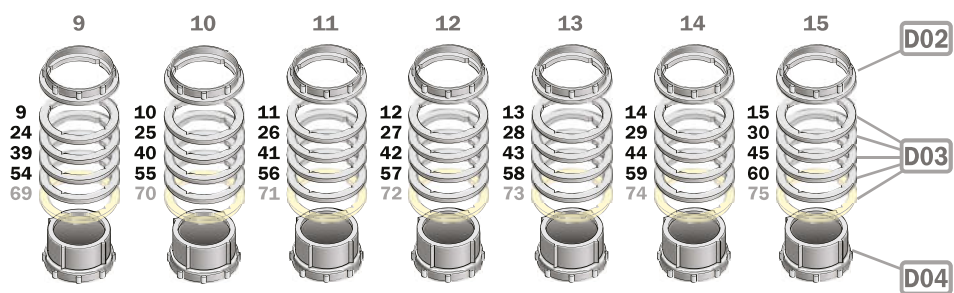
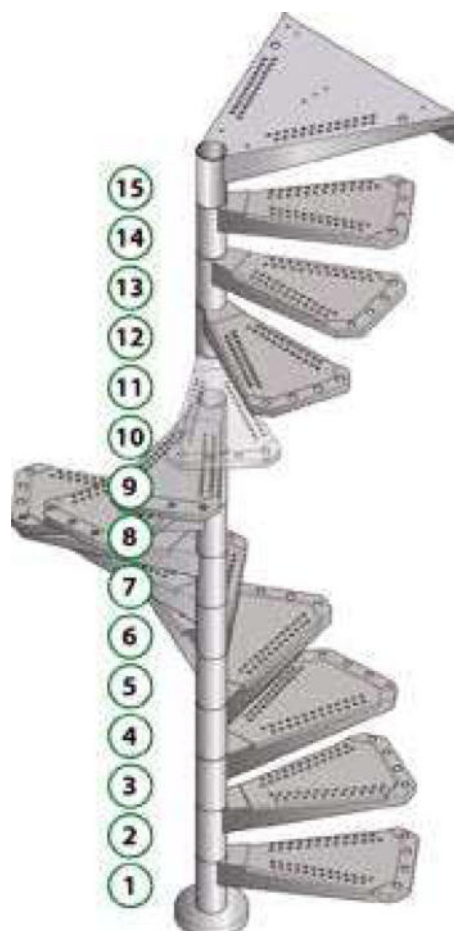
H cm	H inch	D02	D03	D04	D14
316	124 $\frac{7}{16}$ "	15	1	14	1
317	124 $\frac{13}{16}$ "	15	3	14	1
318	125 $\frac{3}{16}$ "	15	5	14	1
319	125 $\frac{9}{16}$ "	15	7	14	1
320	126 "	15	9	14	1
321	126 $\frac{5}{8}$ "	15	11	14	1
322	126 $\frac{3}{4}$ "	15	13	14	1
323	127 $\frac{3}{16}$ "	15	15	14	1
324	127 $\frac{9}{16}$ "	15	17	14	1
325	127 $\frac{15}{16}$ "	15	19	14	1
326	128 $\frac{5}{8}$ "	15	21	14	1
327	128 $\frac{3}{4}$ "	15	23	14	1
328	129 $\frac{1}{8}$ "	15	25	14	1
329	129 $\frac{1}{2}$ "	15	27	14	1
330	129 $\frac{15}{16}$ "	15	29	14	1
331	130 $\frac{5}{16}$ "	15	31	14	1
332	130 $\frac{11}{16}$ "	15	33	14	1
333	131 $\frac{1}{8}$ "	15	35	14	1
334	131 $\frac{1}{2}$ "	15	37	14	1
335	131 $\frac{7}{8}$ "	15	39	14	1
336	132 $\frac{7}{16}$ "	15	41	14	1
337	132 $\frac{11}{16}$ "	15	43	14	1
338	133 $\frac{1}{16}$ "	15	45	14	1
339	133 $\frac{7}{16}$ "	15	47	14	1
340	133 $\frac{1}{8}$ "	15	49	14	1
341	134 $\frac{1}{4}$ "	15	51	14	1
342	134 $\frac{5}{8}$ "	15	53	14	1
343	135 $\frac{9}{16}$ "	15	55	14	1
344	135 $\frac{7}{16}$ "	15	57	14	1
345	135 $\frac{13}{16}$ "	15	59	14	1
346	136 $\frac{1}{4}$ "	15	61	14	1
347	136 $\frac{5}{8}$ "	15	63	14	1
348	137 "	15	65	14	1
349	137 $\frac{3}{8}$ "	15	67	14	1
350	137 $\frac{13}{16}$ "	15	69	14	1
351	138 $\frac{3}{16}$ "	15	71	14	1
352	138 $\frac{9}{16}$ "	15	73	14	1
353	139 "	15	75	14	1



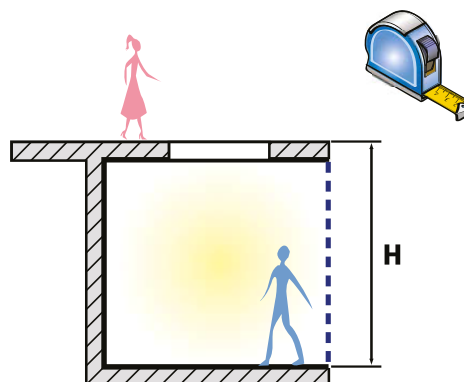
H = 348 cm (137")

- D02 = 15
- D03 = 65
- D04 = 14
- D14 = 1



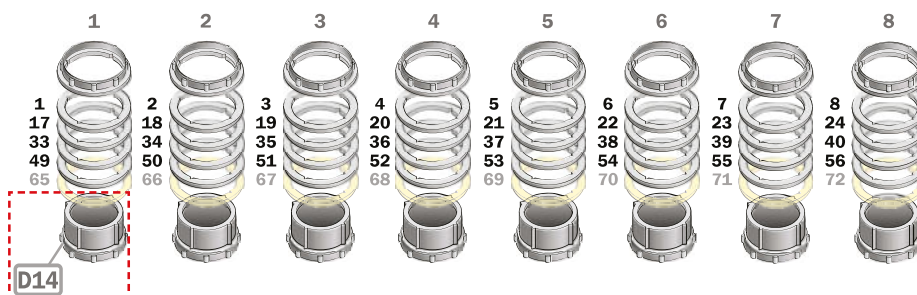


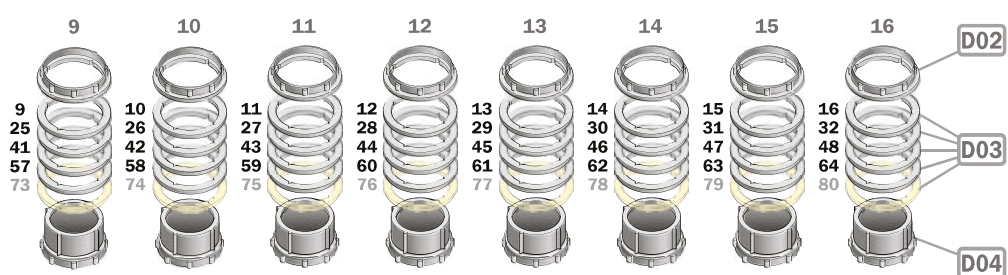
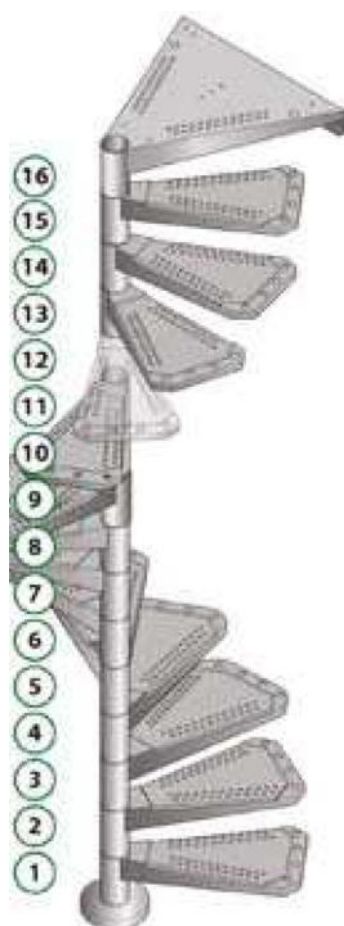
H cm	H inch	D02	D03	D04	D14
337	132 11/16"	16	0	15	1
338	133 1/16"	16	2	15	1
339	133 7/8"	16	4	15	1
340	133 7/8"	16	6	15	1
341	134 1/4"	16	8	15	1
342	134 5/8"	16	10	15	1
343	135 1/16"	16	12	15	1
344	135 7/16"	16	14	15	1
345	135 13/16"	16	16	15	1
346	136 1/4"	16	18	15	1
347	136 5/8"	16	20	15	1
348	137 "	16	22	15	1
349	137 3/8"	16	24	15	1
350	137 13/16"	16	26	15	1
351	138 3/16"	16	28	15	1
352	138 9/16"	16	30	15	1
353	139 "	16	32	15	1
354	139 3/8"	16	34	15	1
355	139 3/4"	16	36	15	1
356	140 3/16"	16	38	15	1
357	140 9/16"	16	40	15	1
358	140 15/16"	16	42	15	1
359	141 5/16"	16	44	15	1
360	141 3/4"	16	46	15	1
361	142 1/8"	16	48	15	1
362	142 1/2"	16	50	15	1
363	142 15/16"	16	52	15	1
364	143 5/16"	16	54	15	1
365	143 11/16"	16	56	15	1
366	144 1/8"	16	58	15	1
367	144 1/2"	16	60	15	1
368	144 7/8"	16	62	15	1
369	145 1/4"	16	64	15	1
370	145 11/16"	16	66	15	1
371	146 1/16"	16	68	15	1
372	146 7/16"	16	70	15	1
373	146 7/8"	16	72	15	1
374	147 1/4"	16	74	15	1
375	147 5/8"	16	76	15	1
376	148 1/16"	16	78	15	1
377	148 7/16"	16	80	15	1

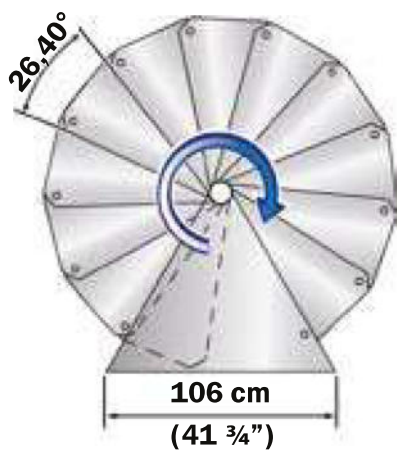


**H = 369 cm
(145 1/4")**

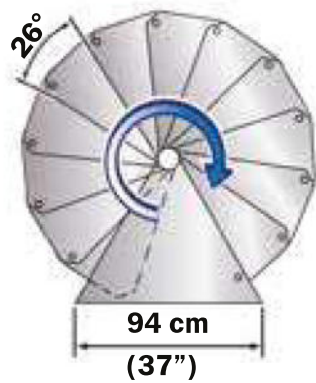
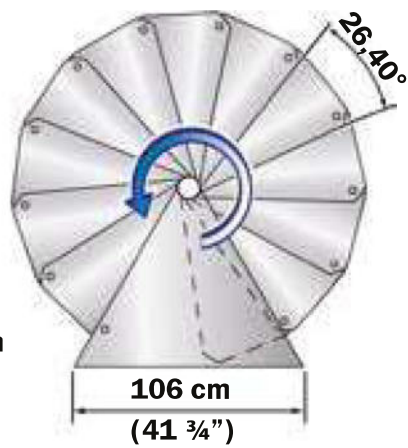
- D02 = 16**
- D03 = 64**
- D04 = 15**
- D14 = 1**



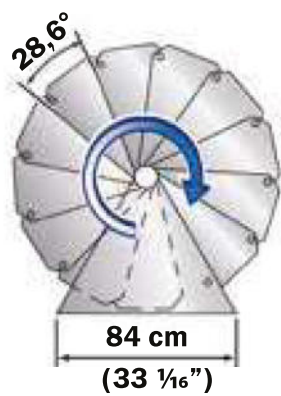
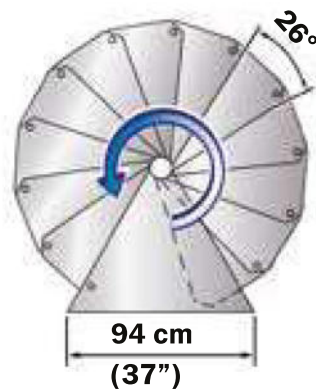




Ø 160 cm
(D 63")

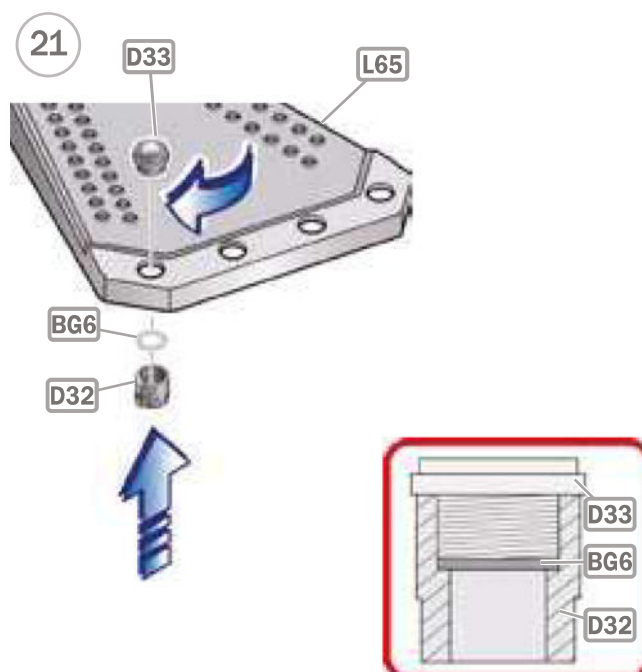
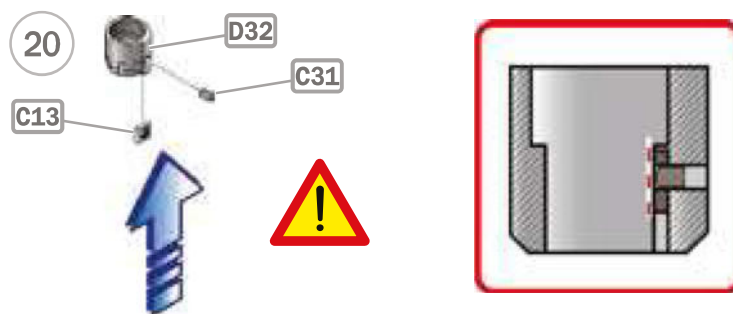


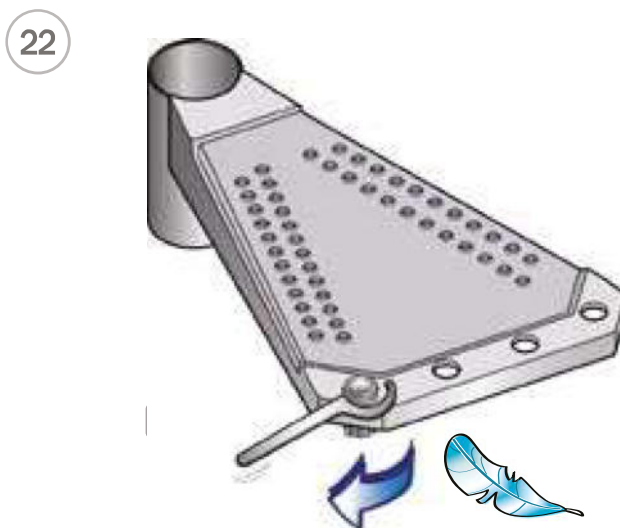
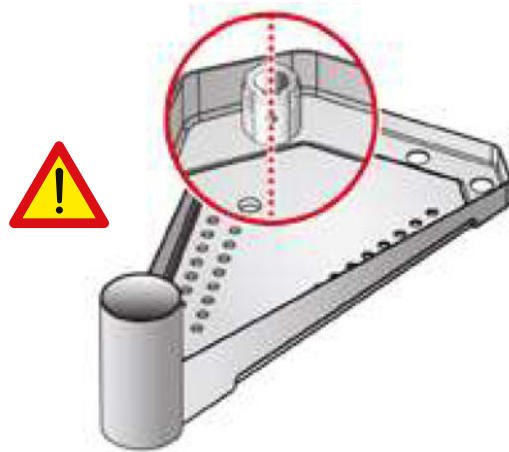
Ø 140 cm
(D 55 1/8")

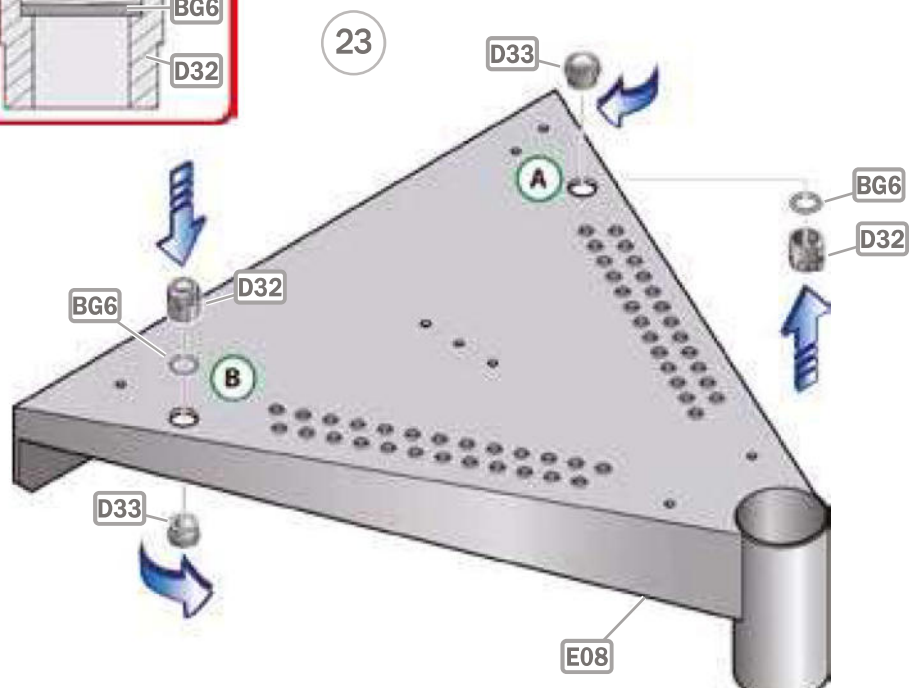
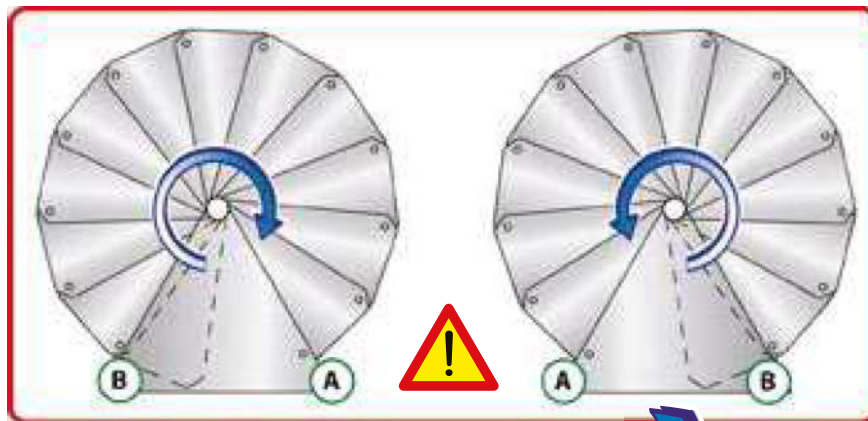


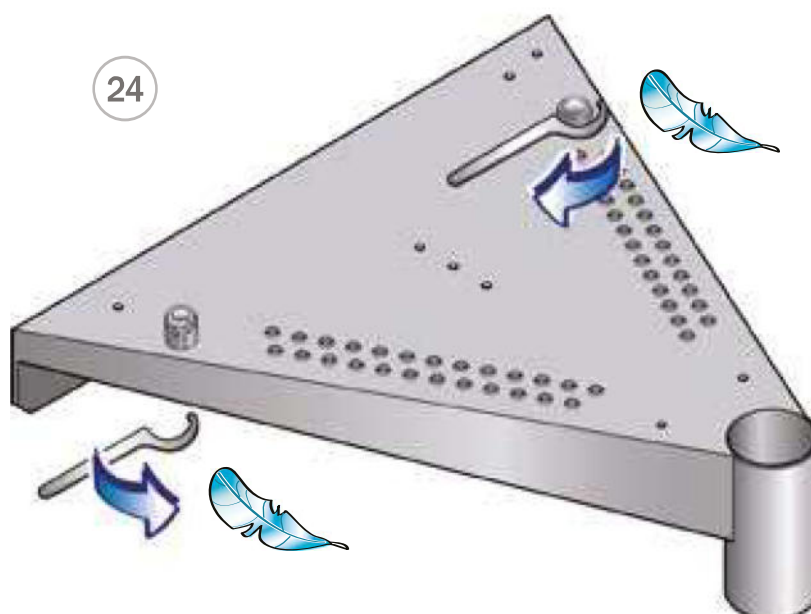
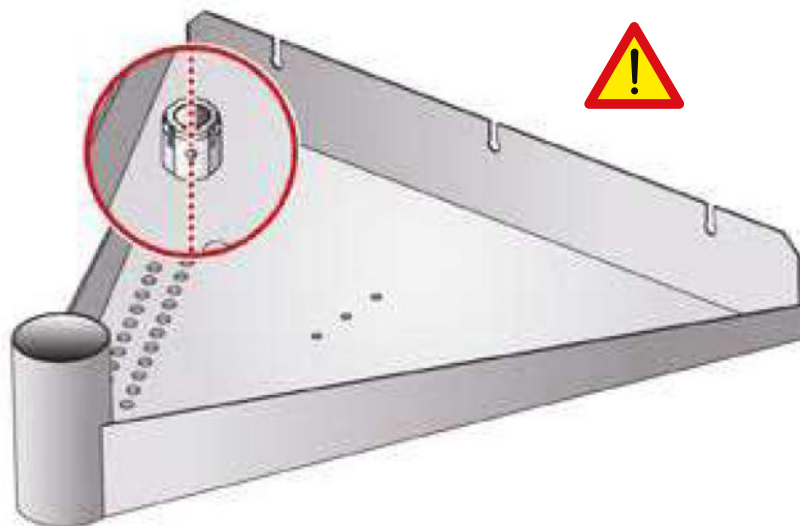
Ø 120 cm
(D 47 1/4")

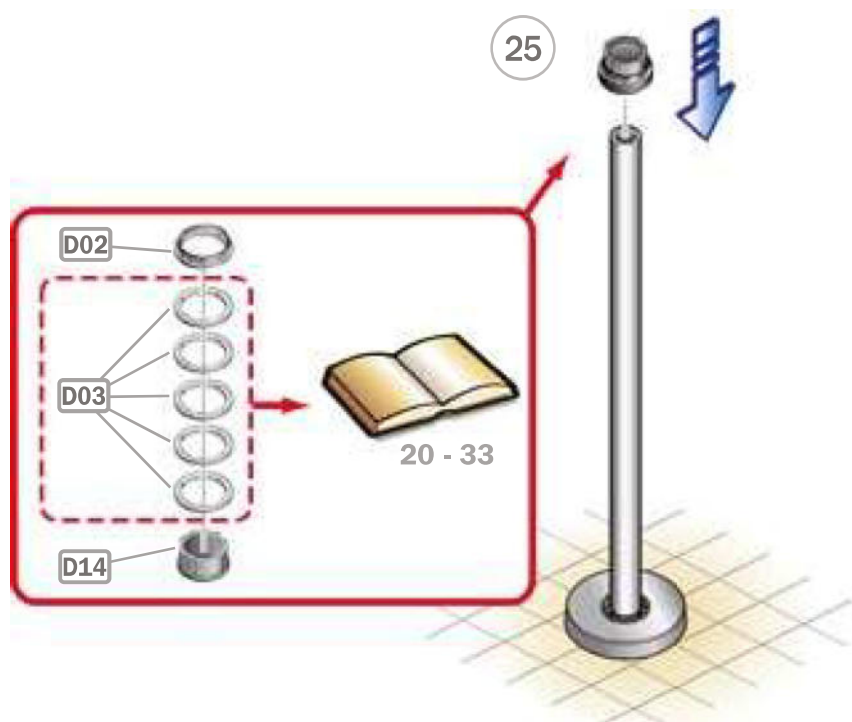


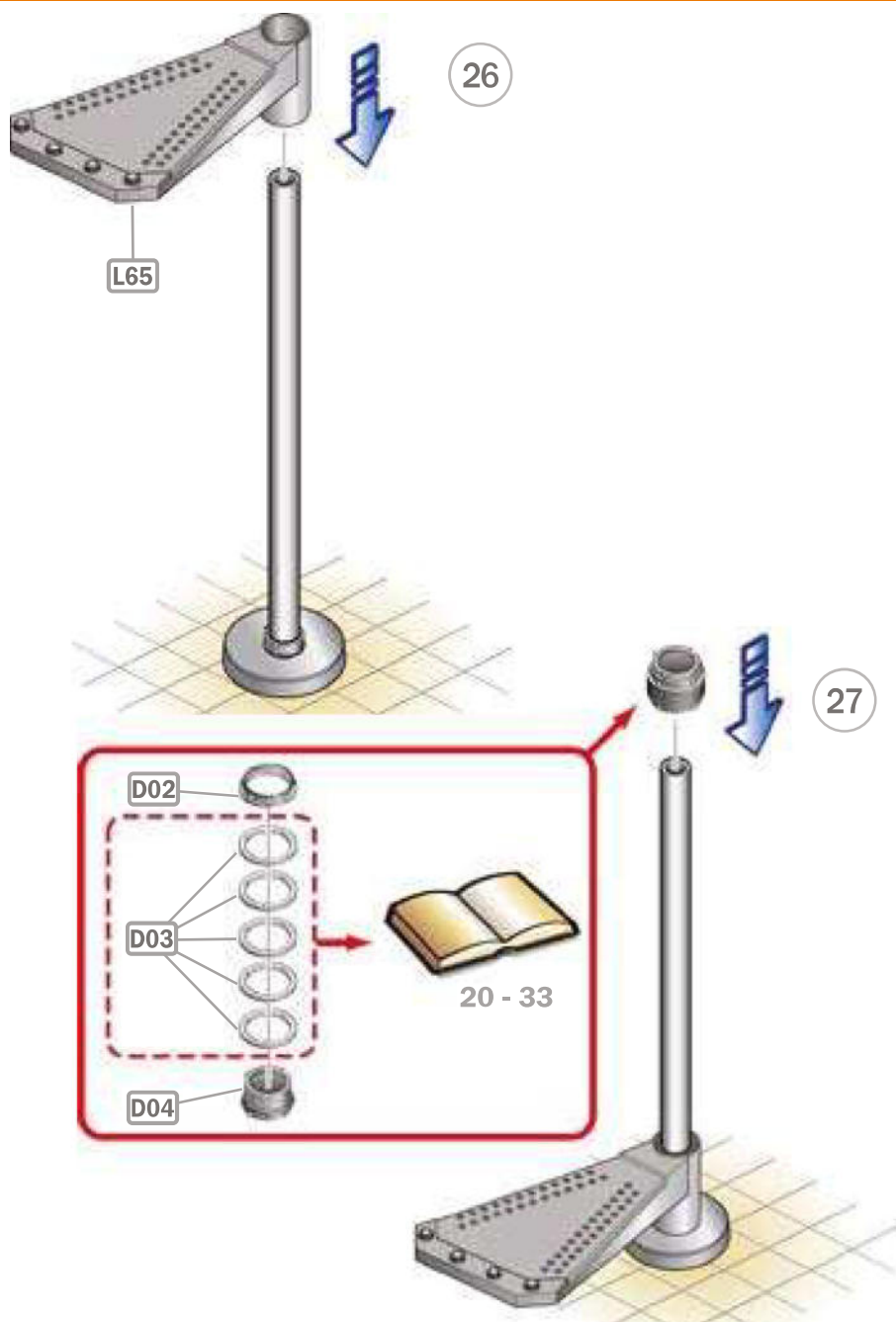


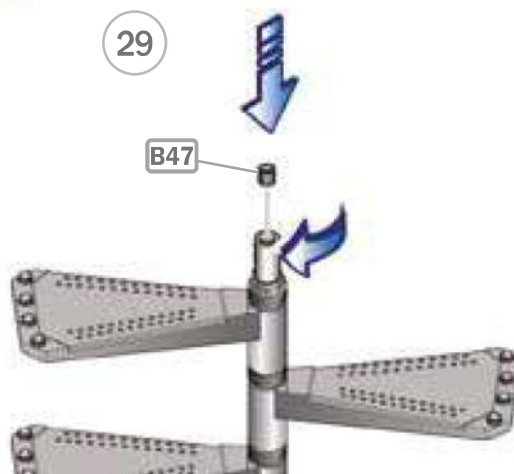
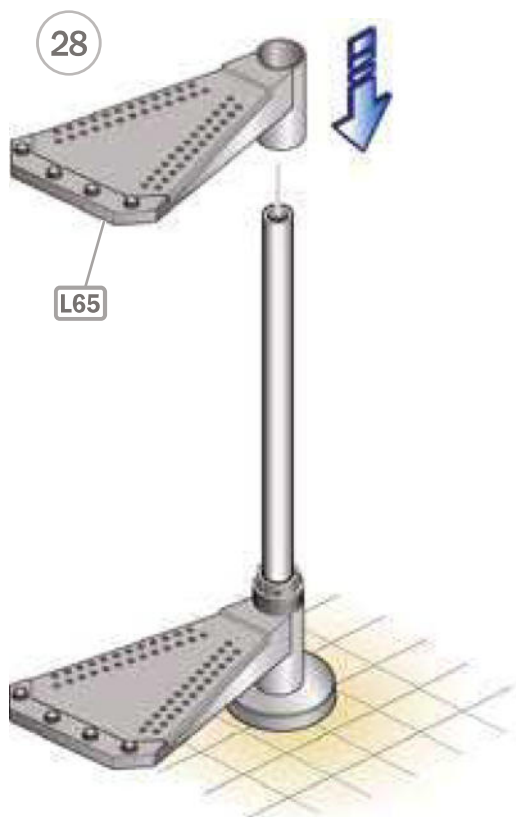


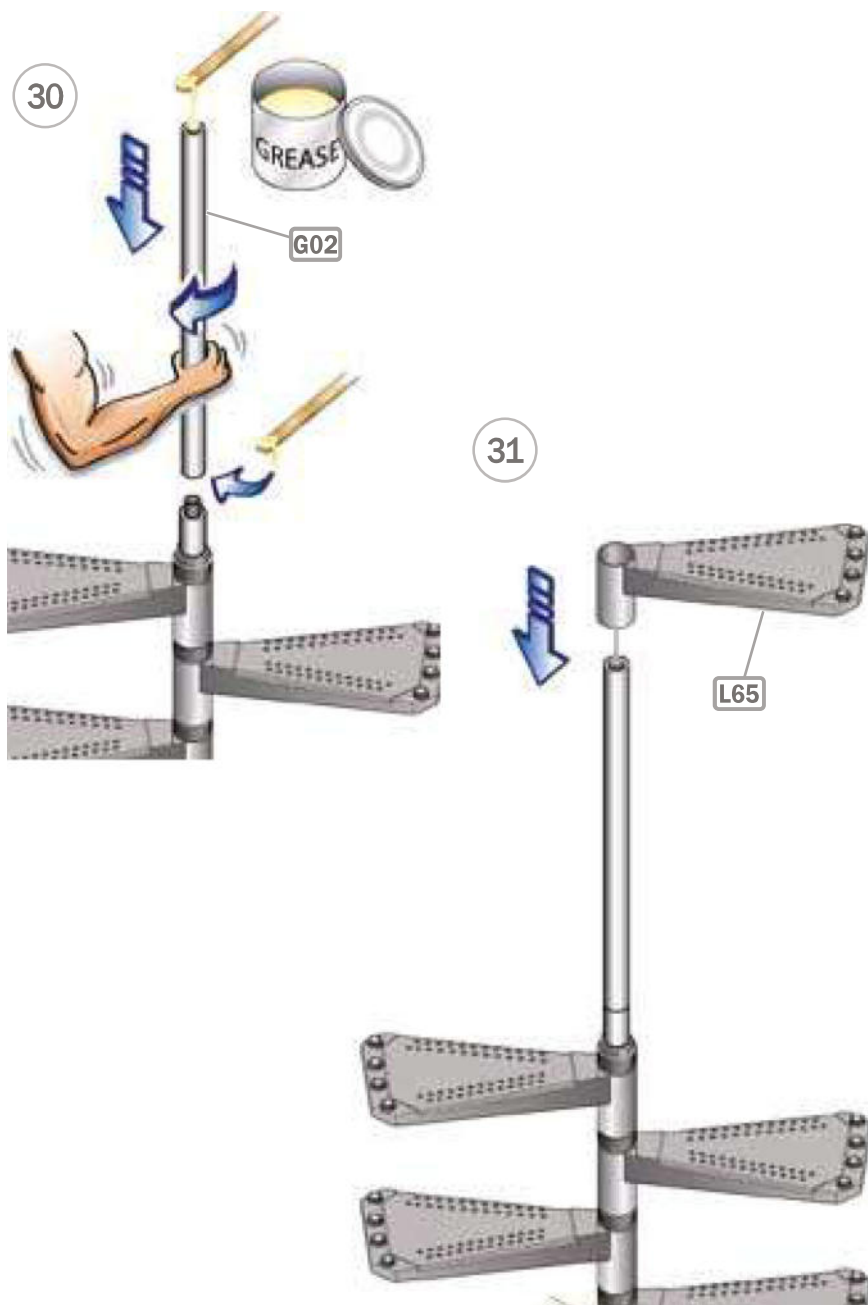


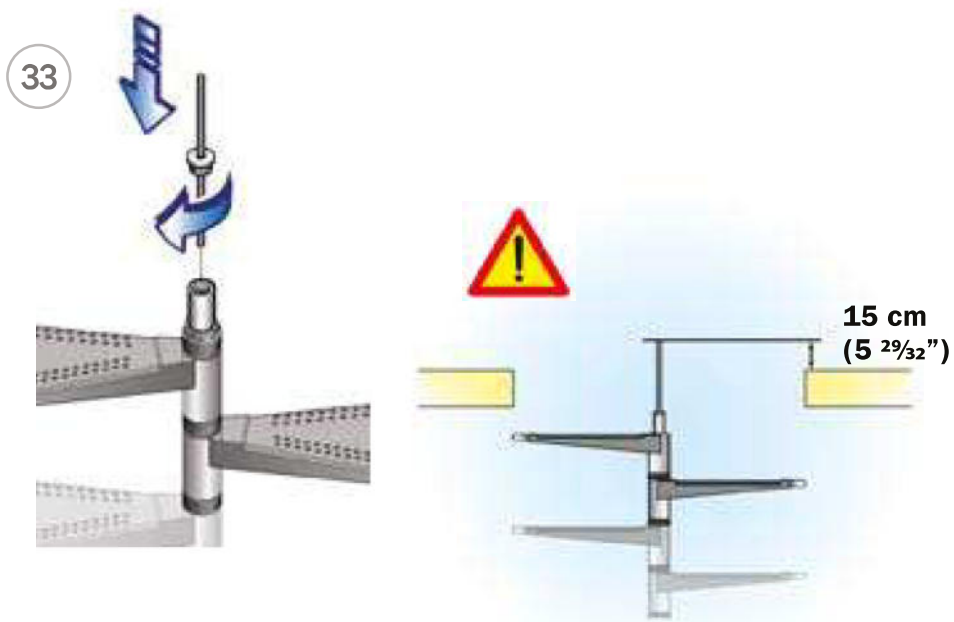
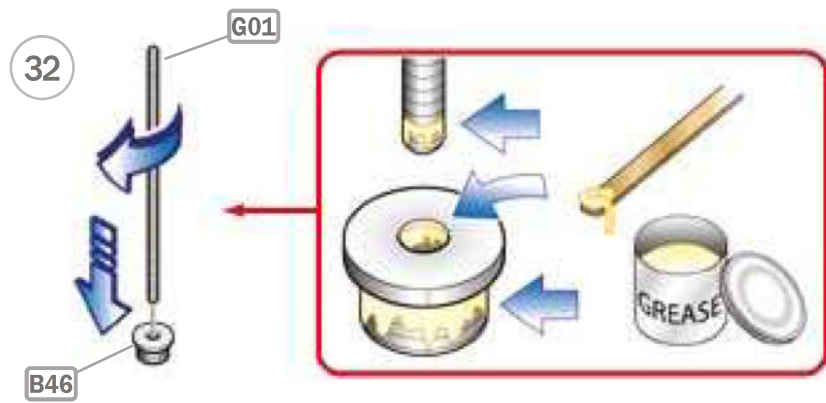


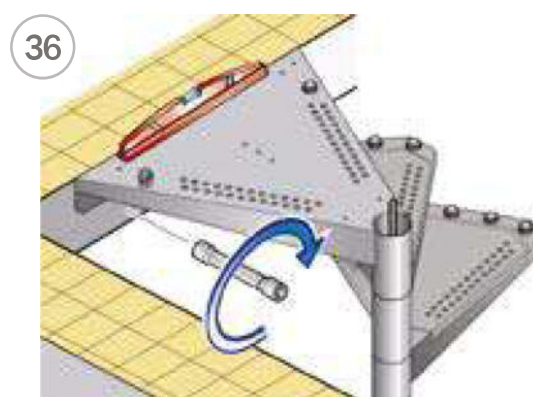
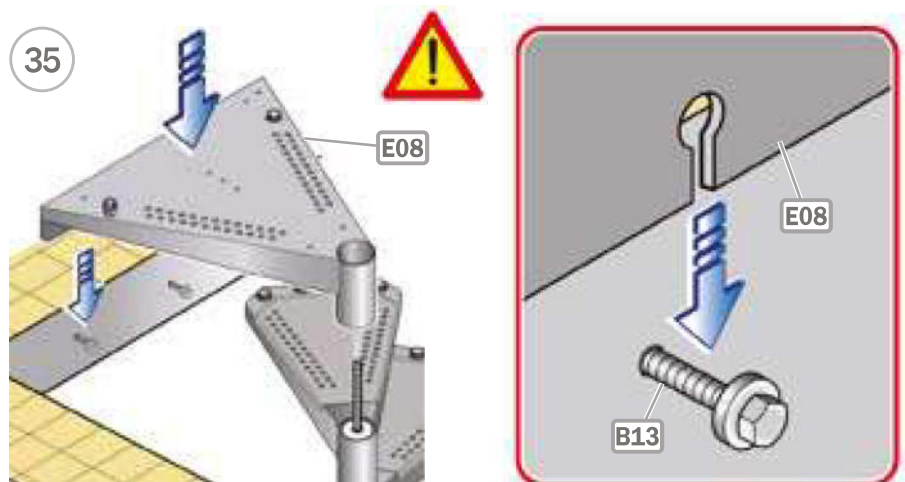
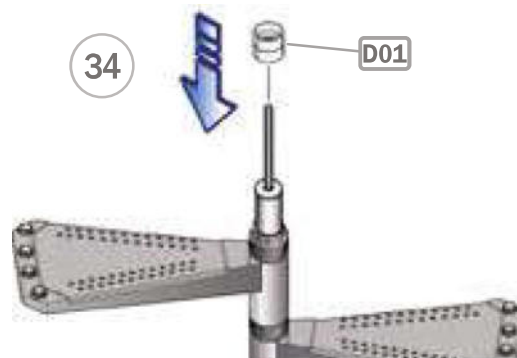


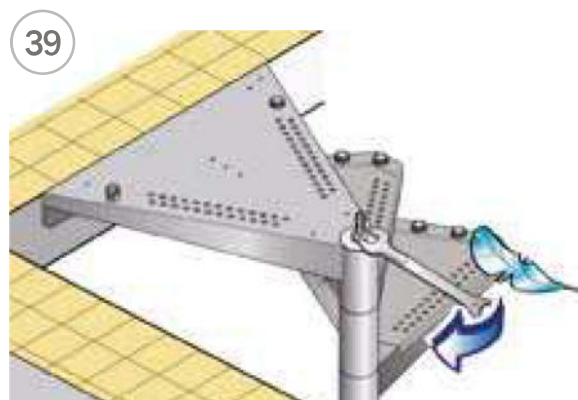
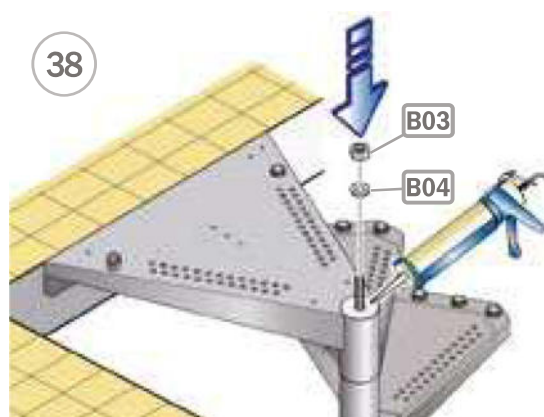
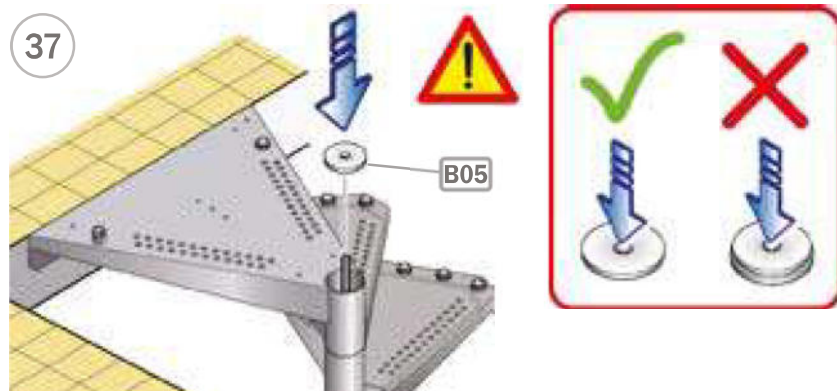


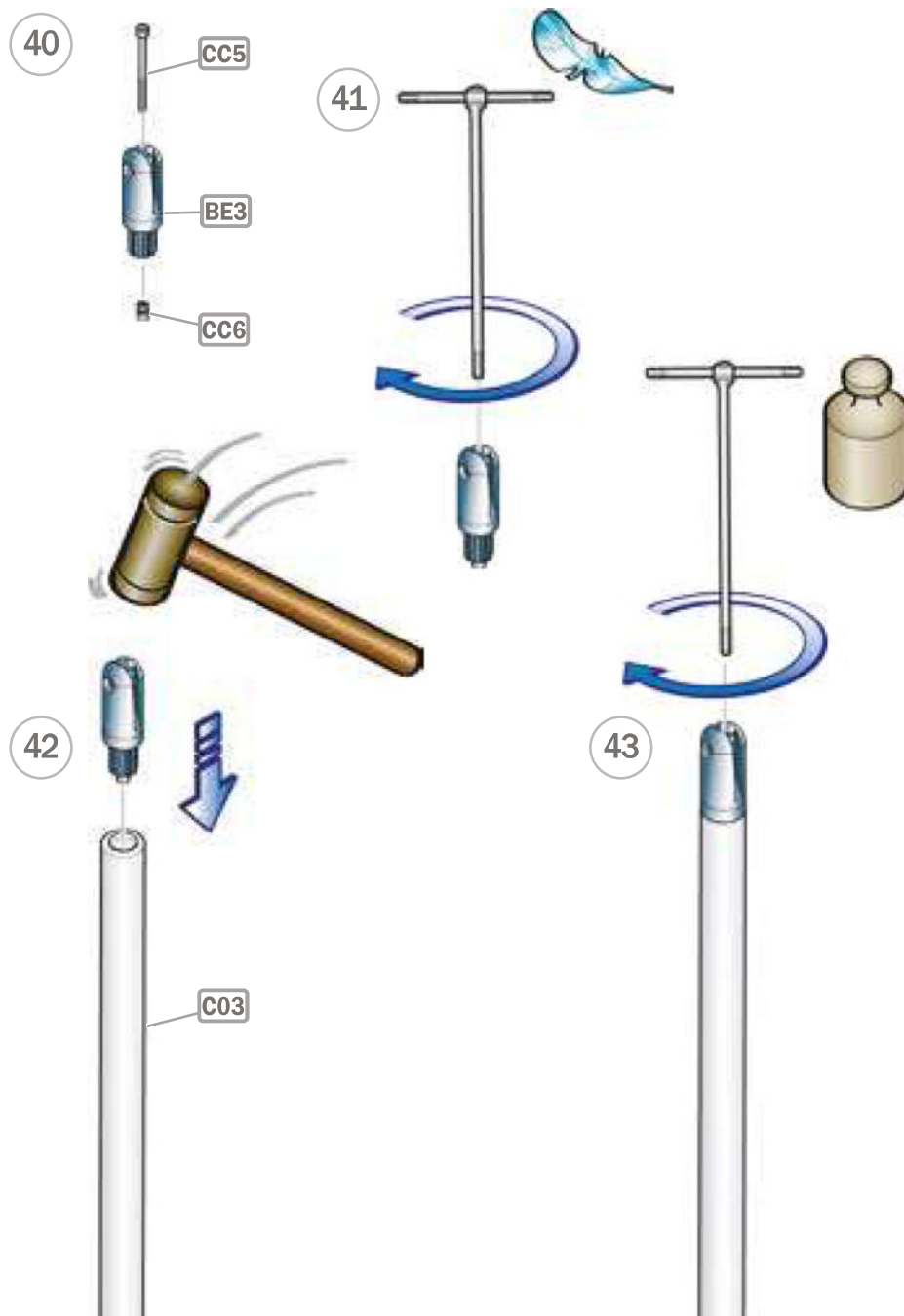


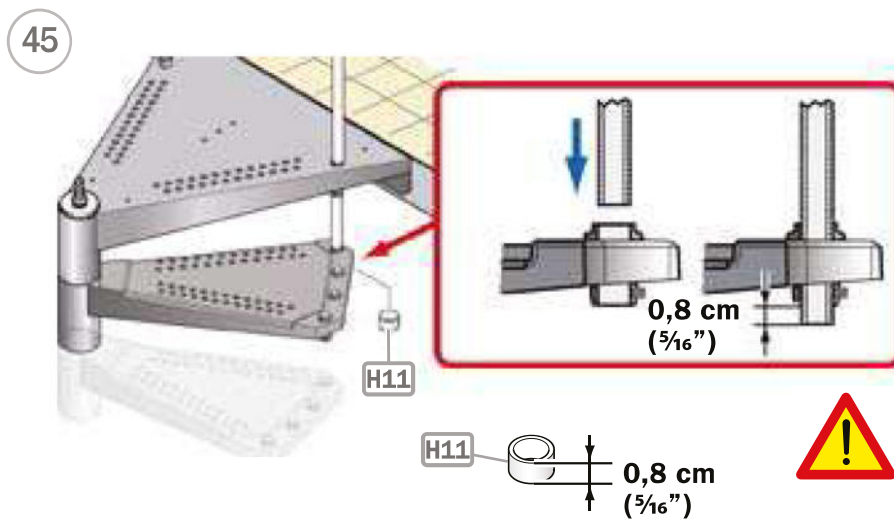
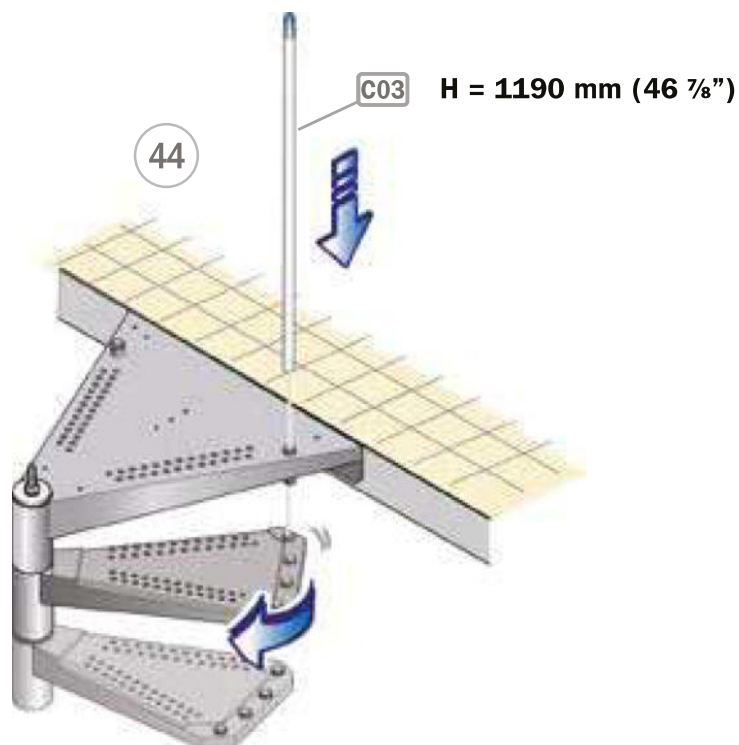


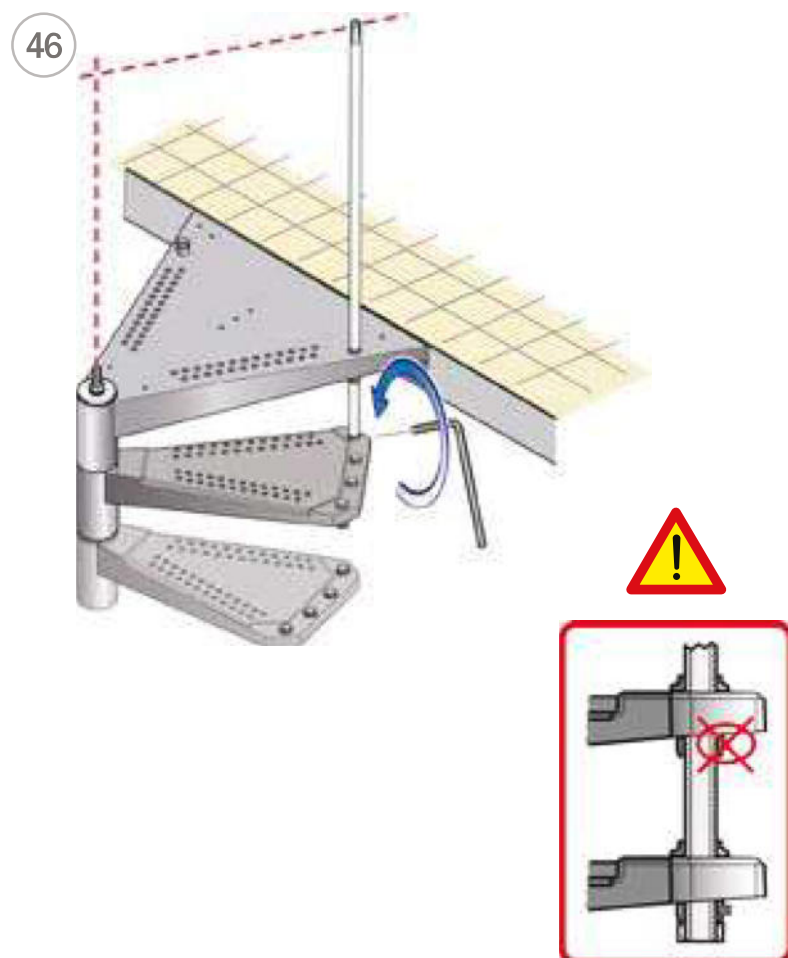


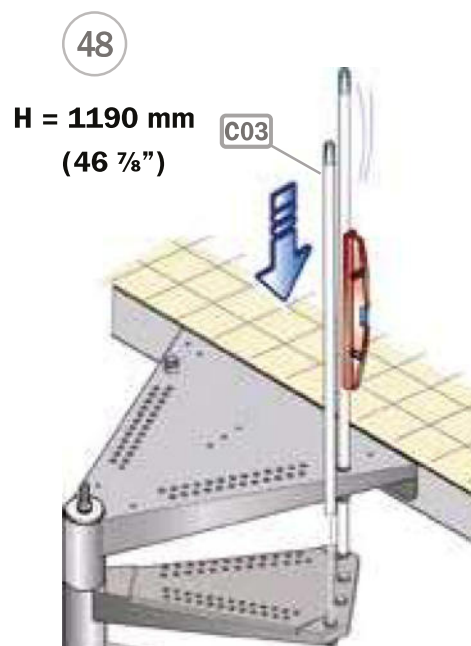
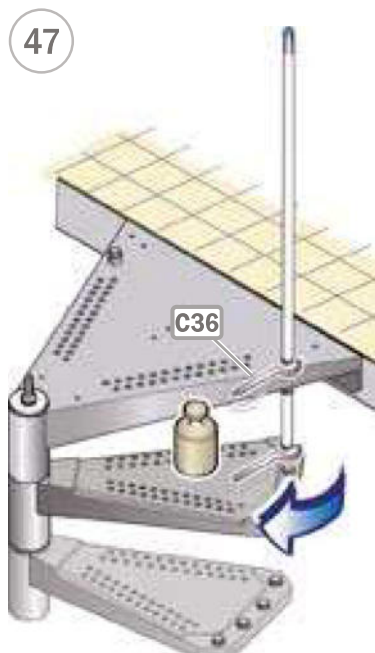




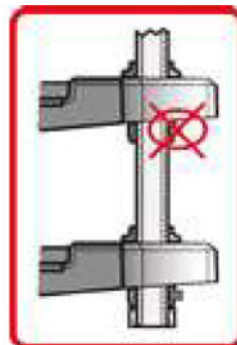
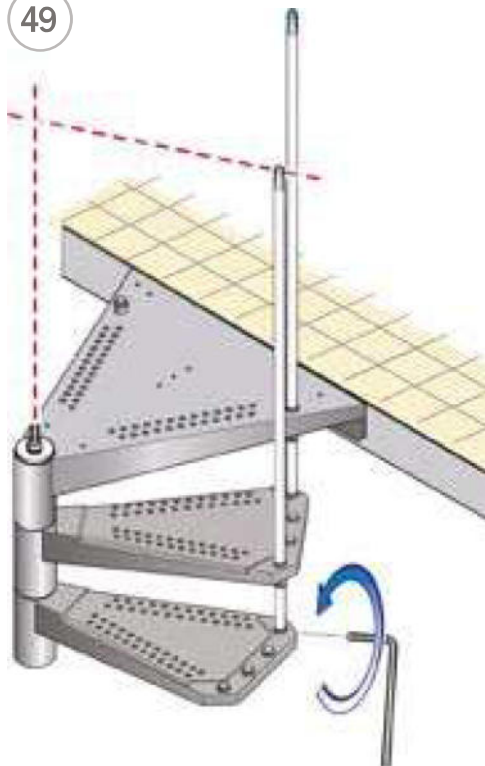




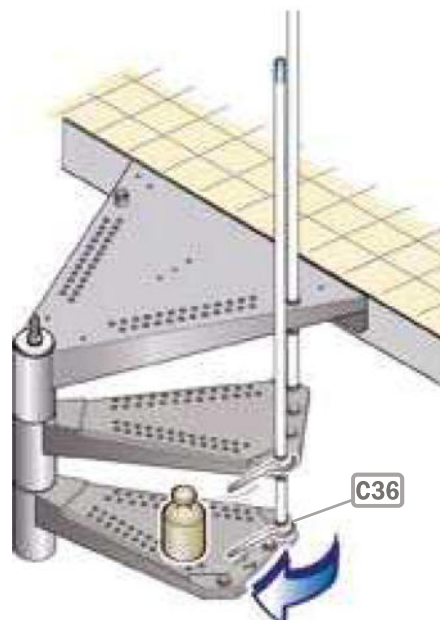


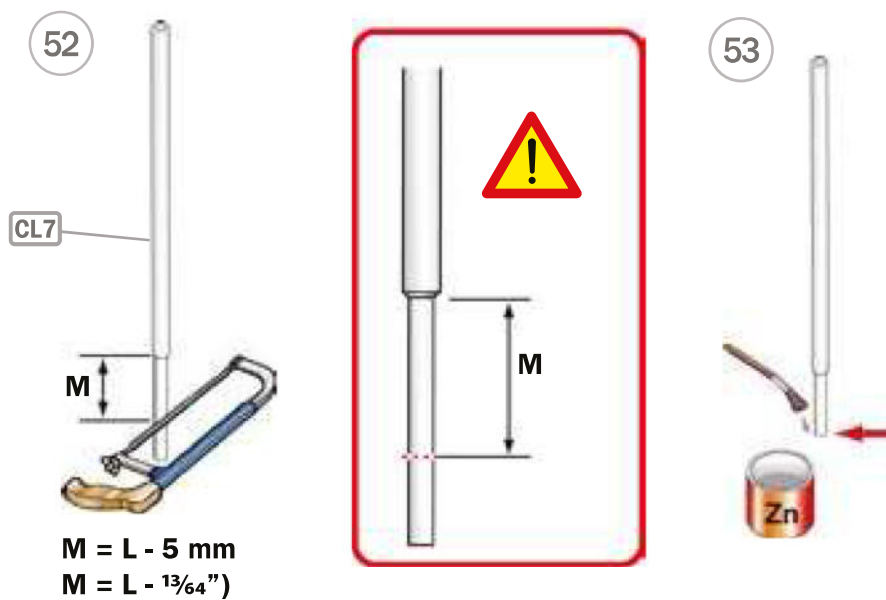
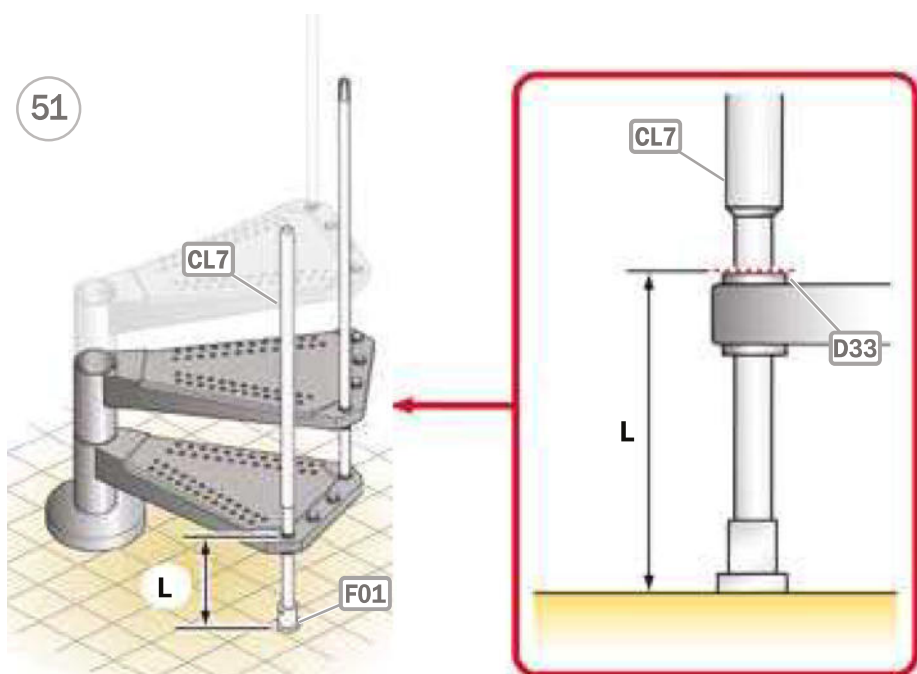


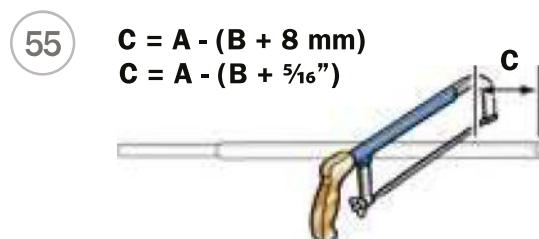
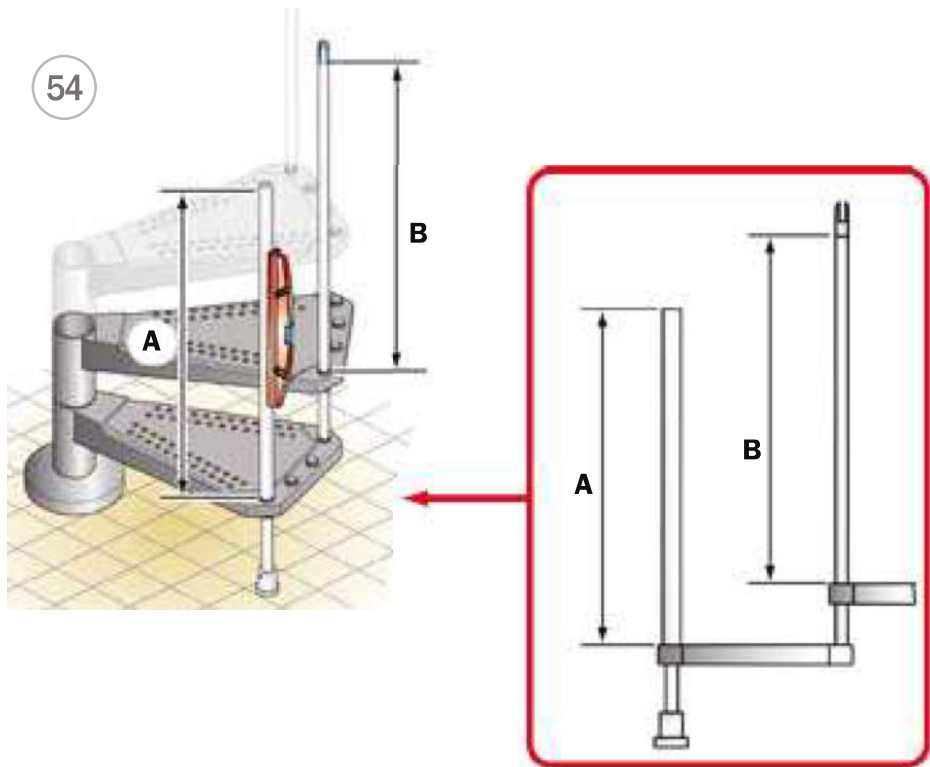
49

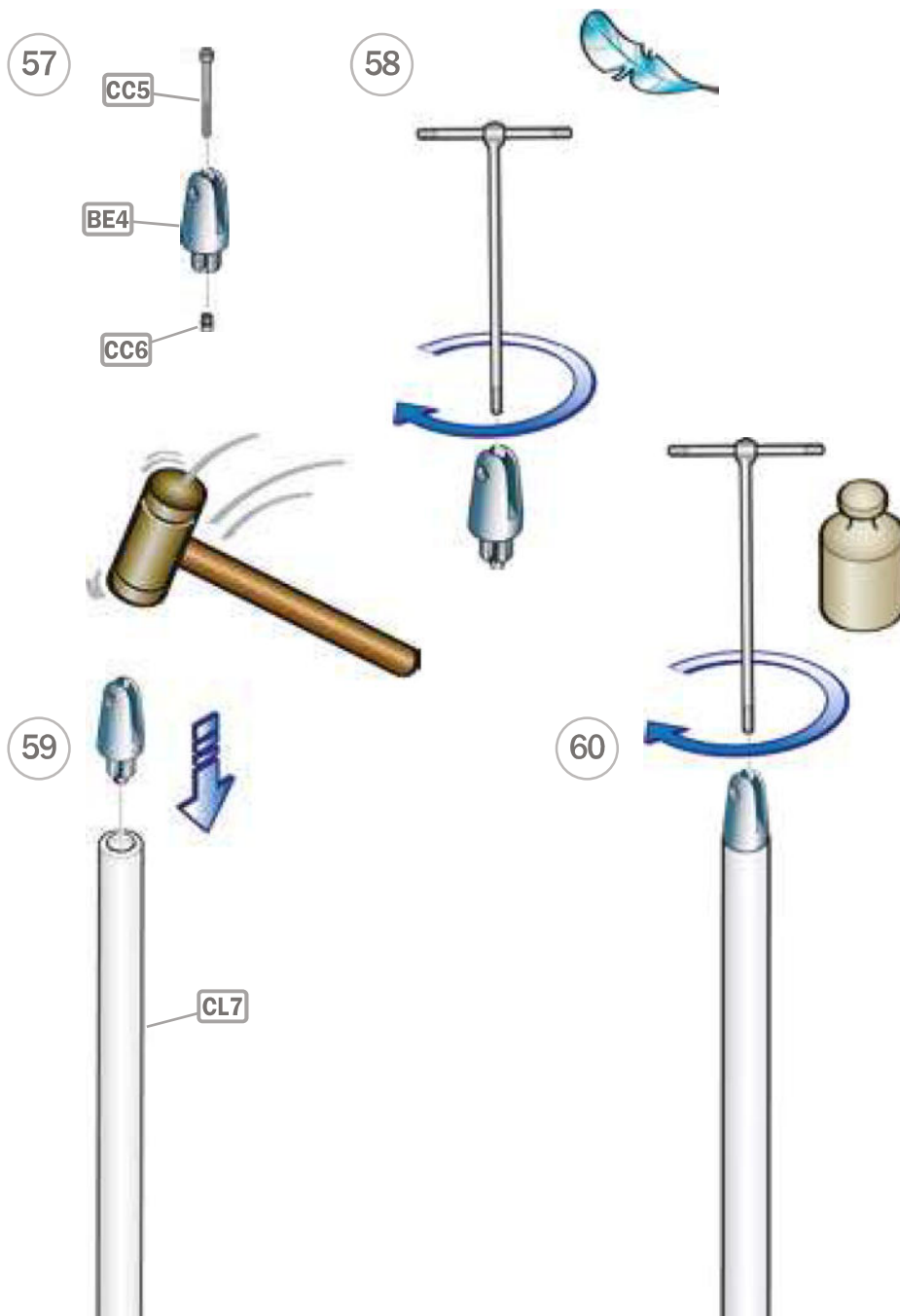


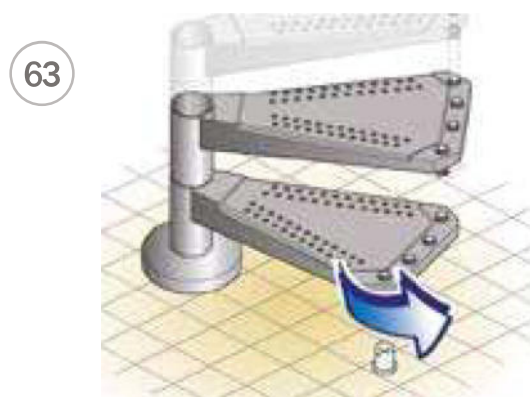
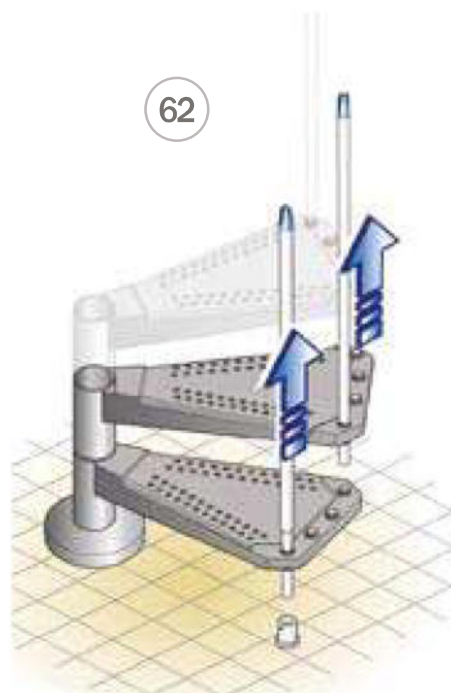
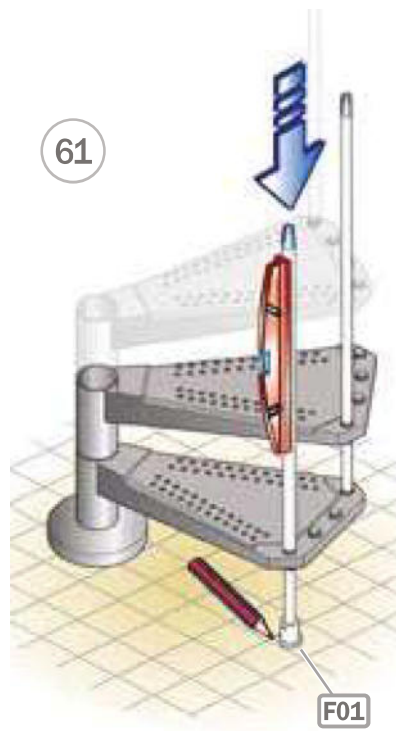
50



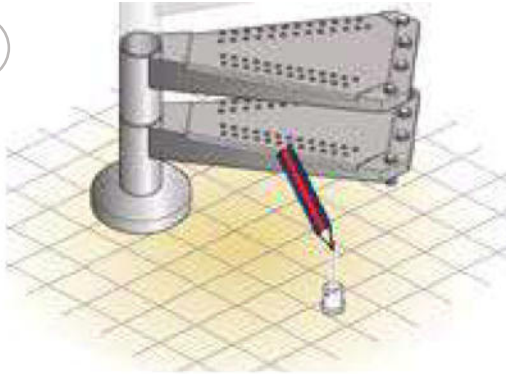




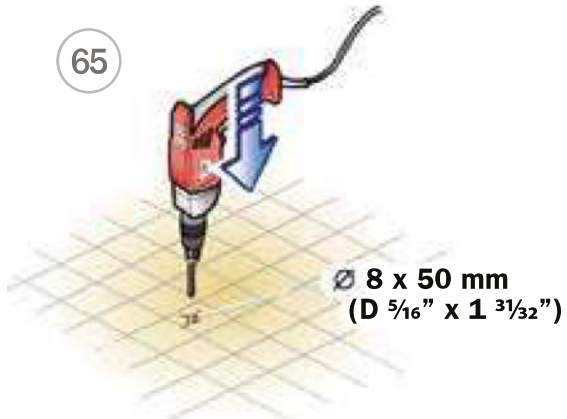




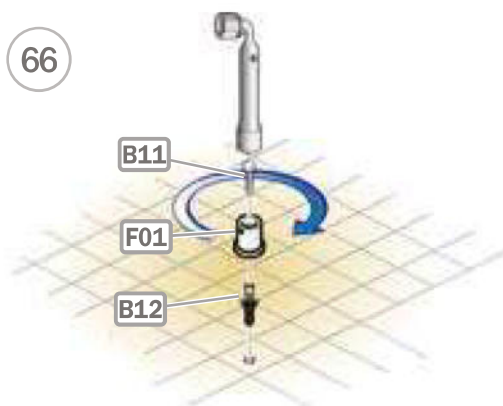
64

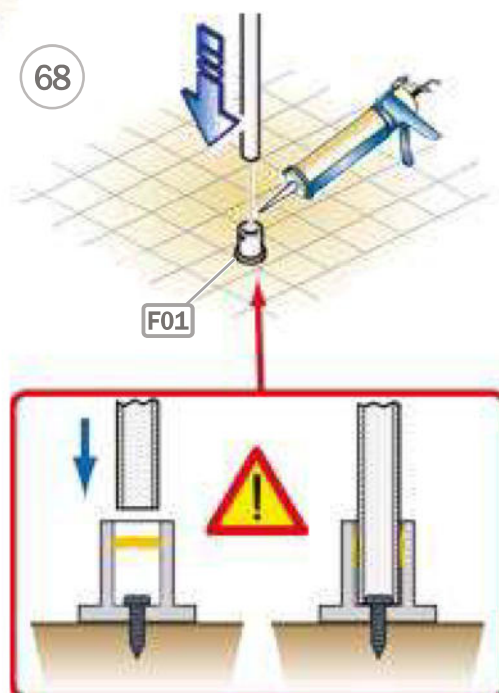
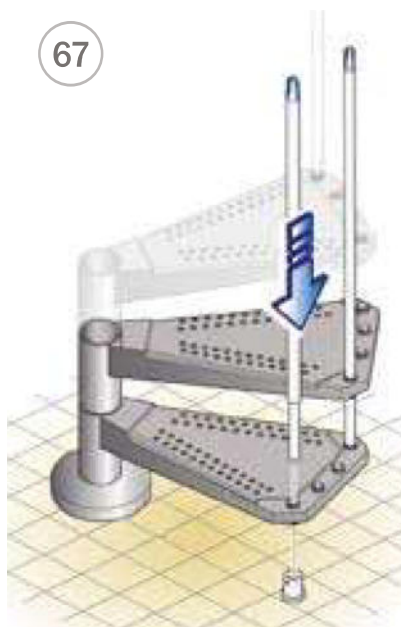


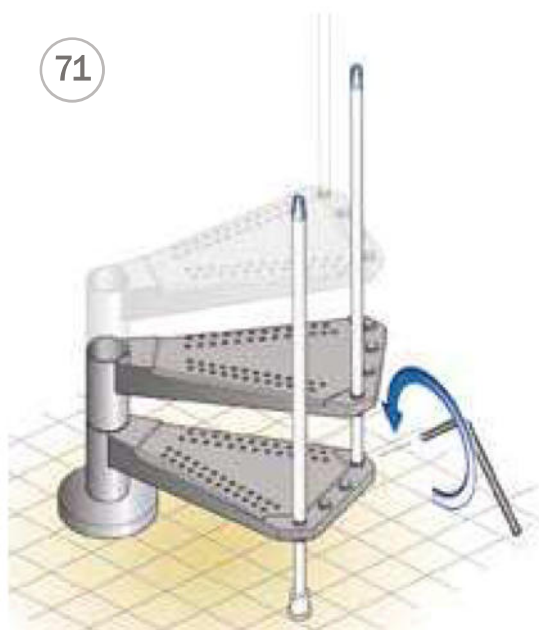
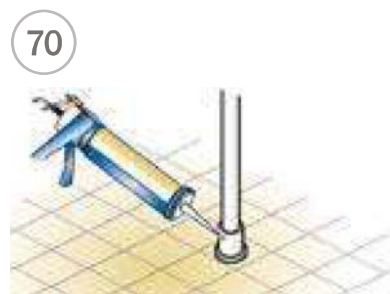
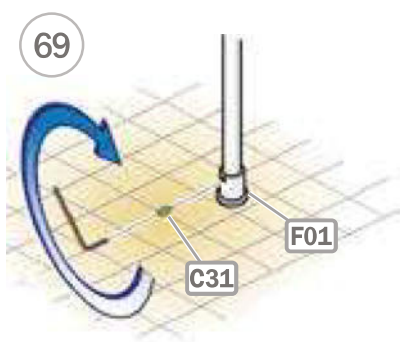
65

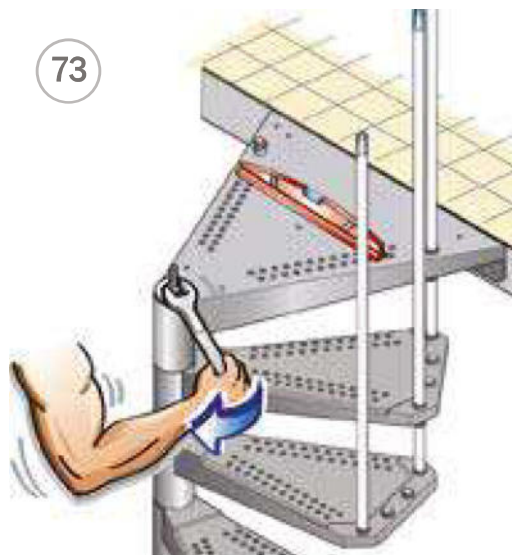
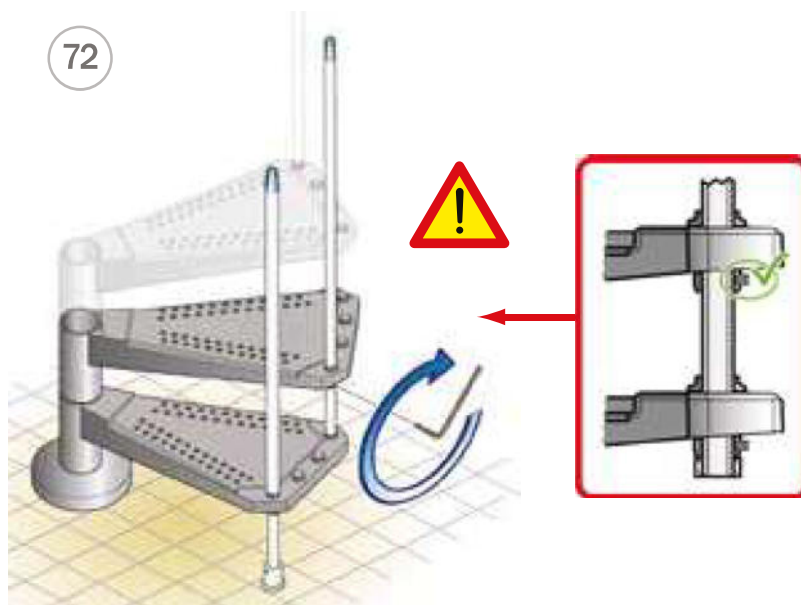


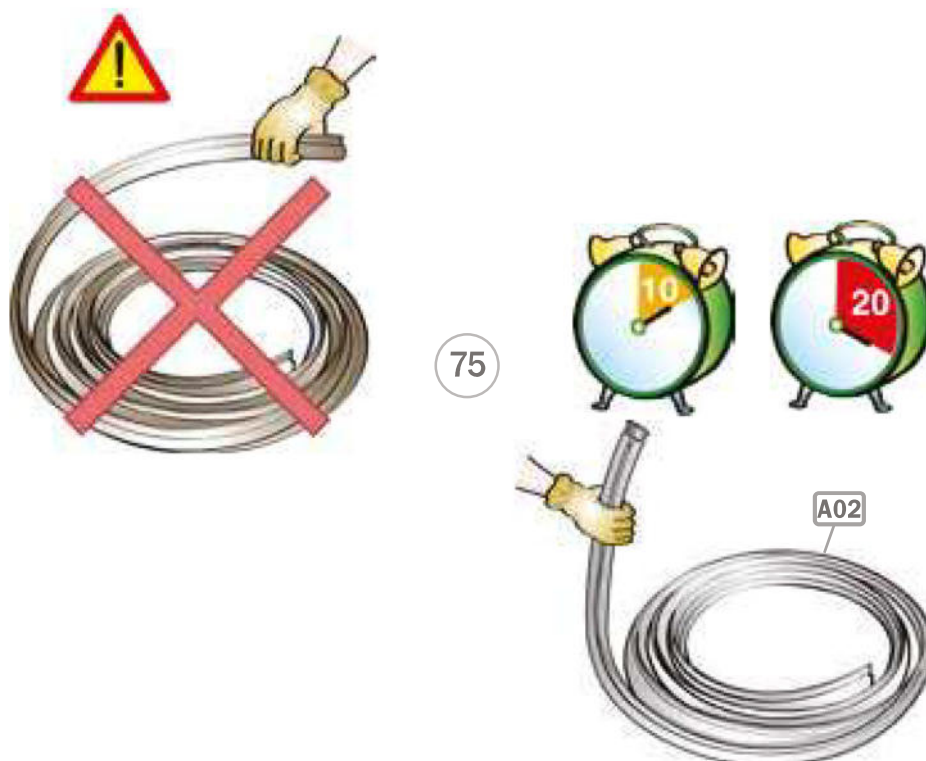
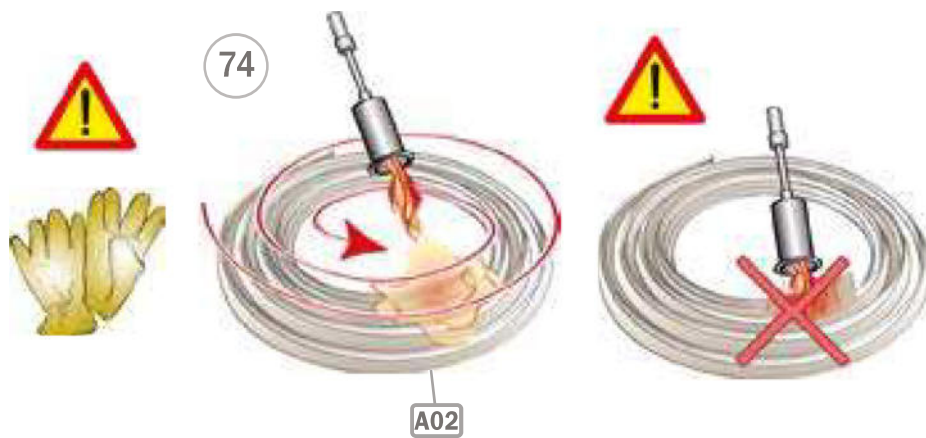
66

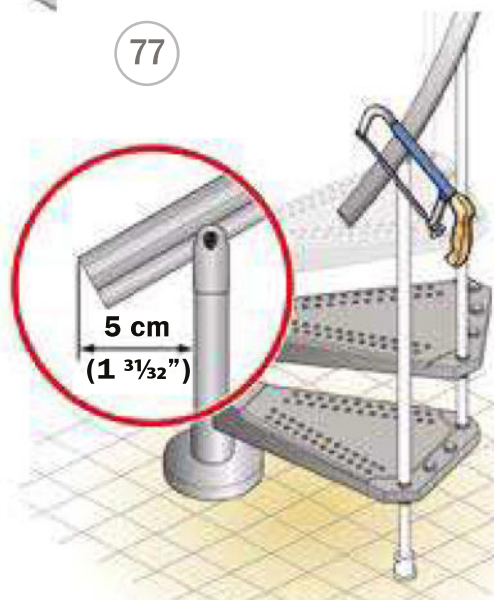
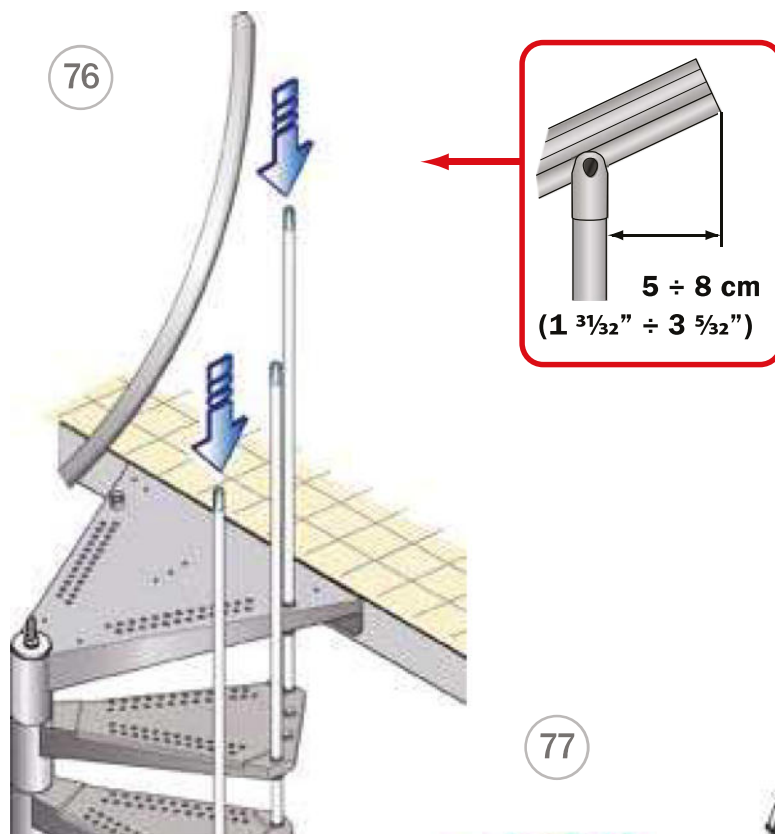


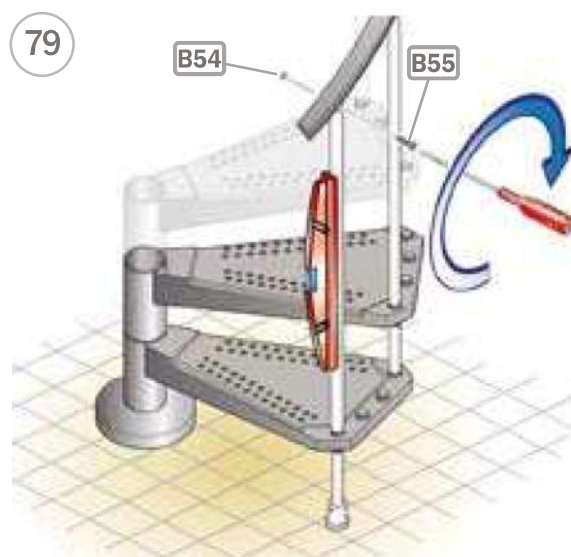
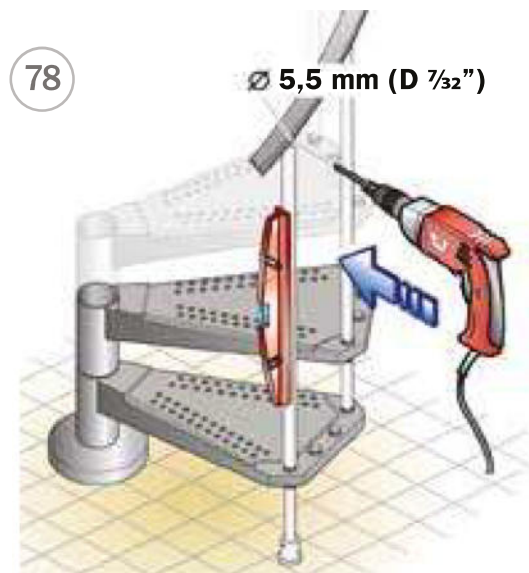




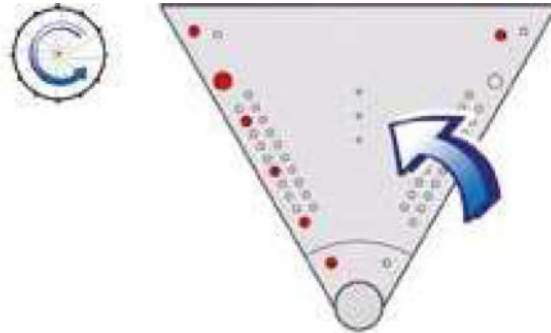




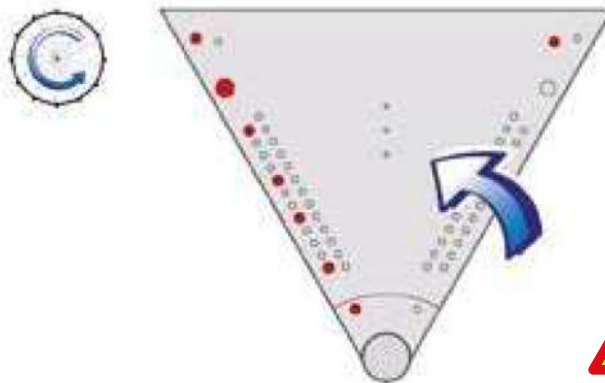




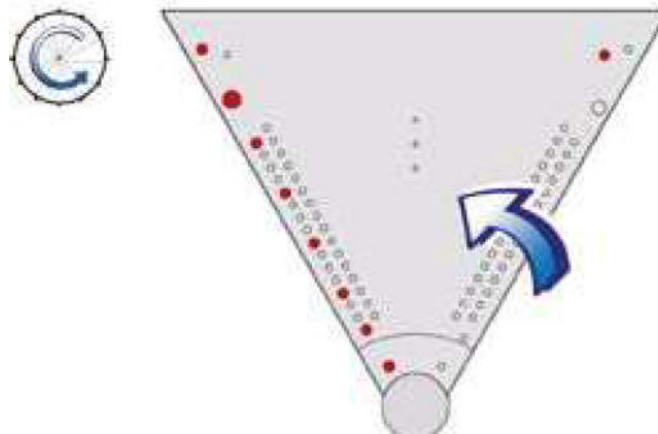
Ø 120 cm (D 47 ¼")



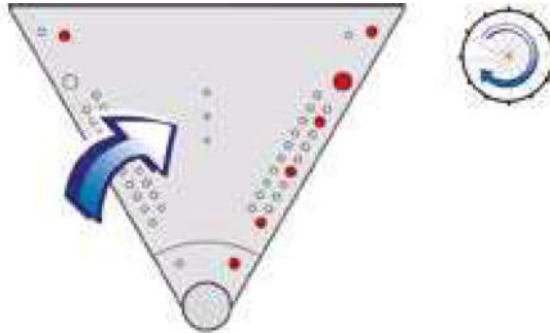
Ø 140 cm (D 55 ⅛")



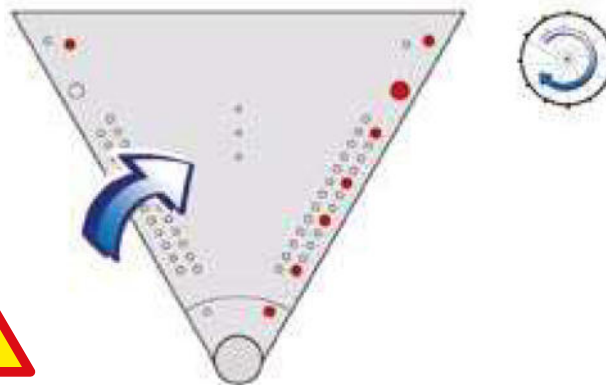
Ø 160 cm (D 63")



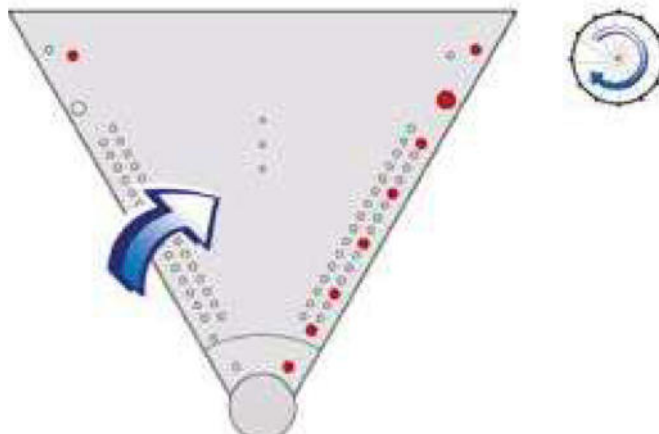
Ø 120 cm (D 47 ¼")



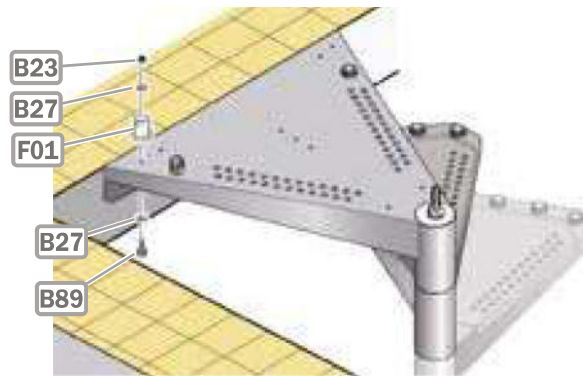
Ø 140 cm (D 55 ½")



Ø 160 cm (D 63")



80



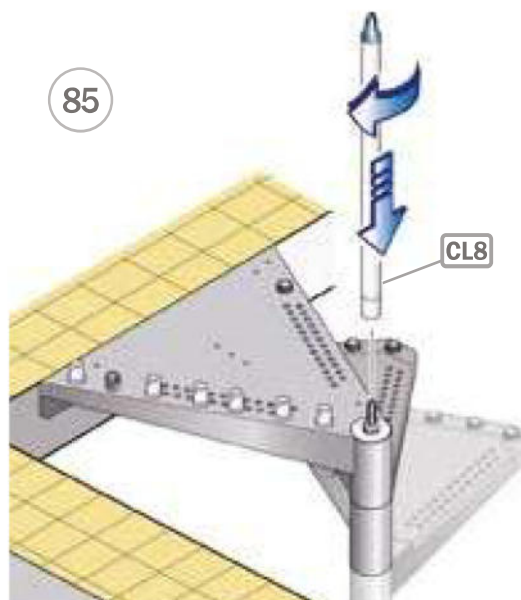
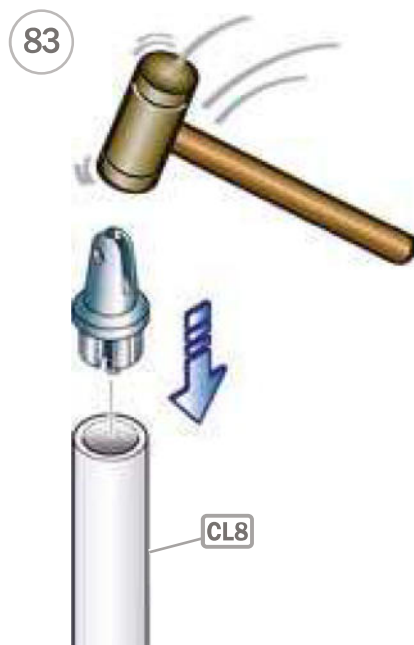
62-63

81



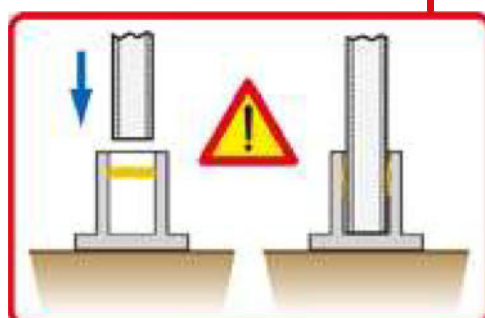
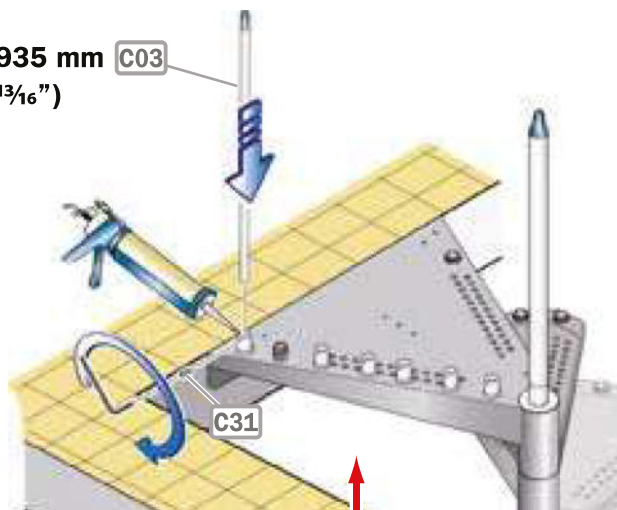
82



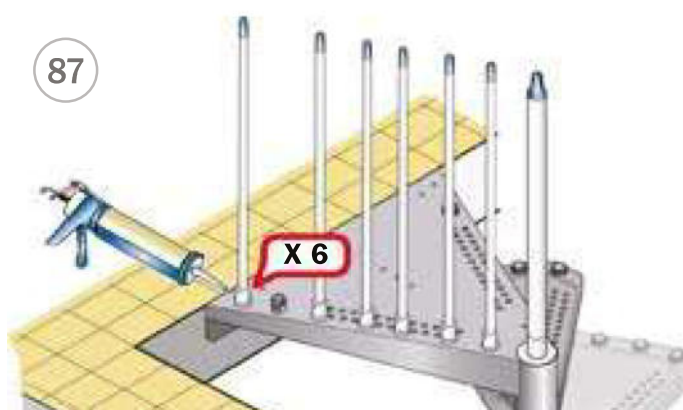


86

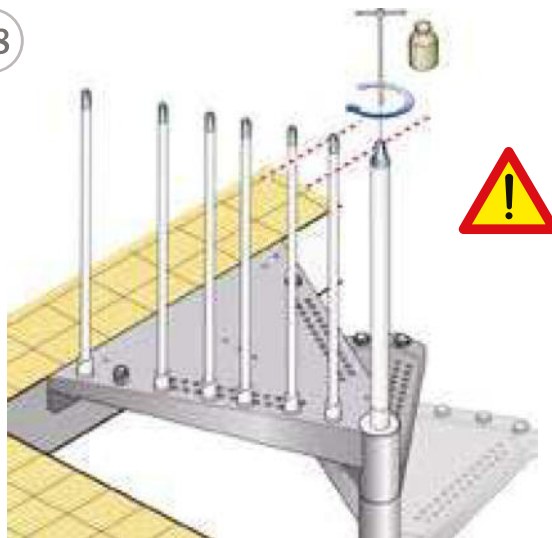
H = 935 mm (36 $\frac{13}{16}$ ") C03



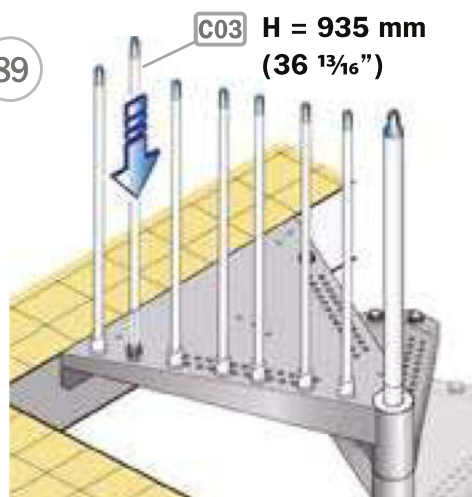
87

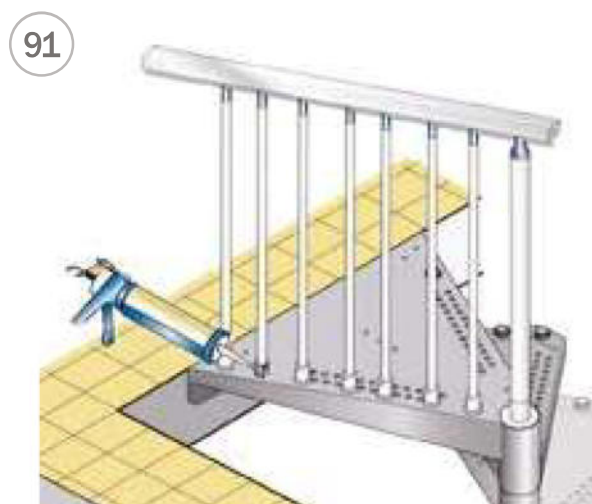
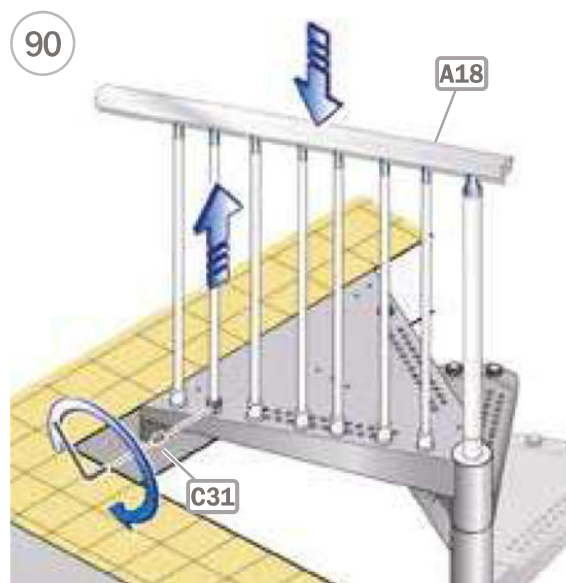


88

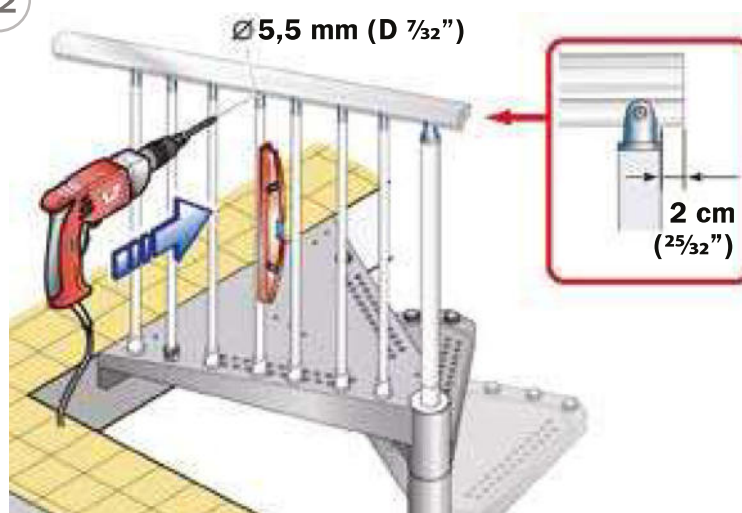


89

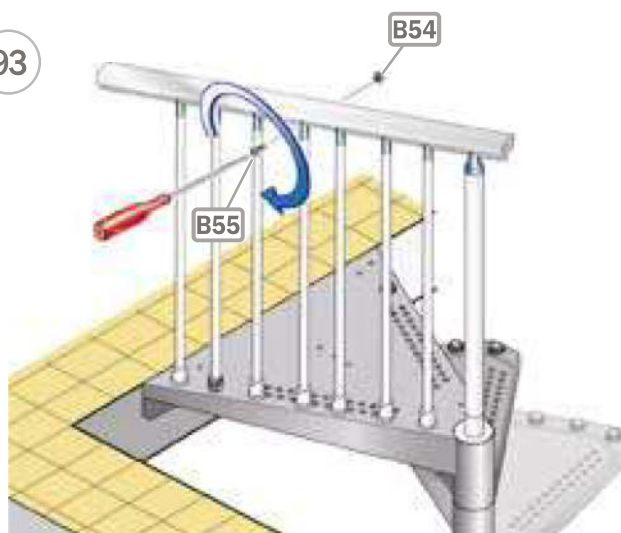


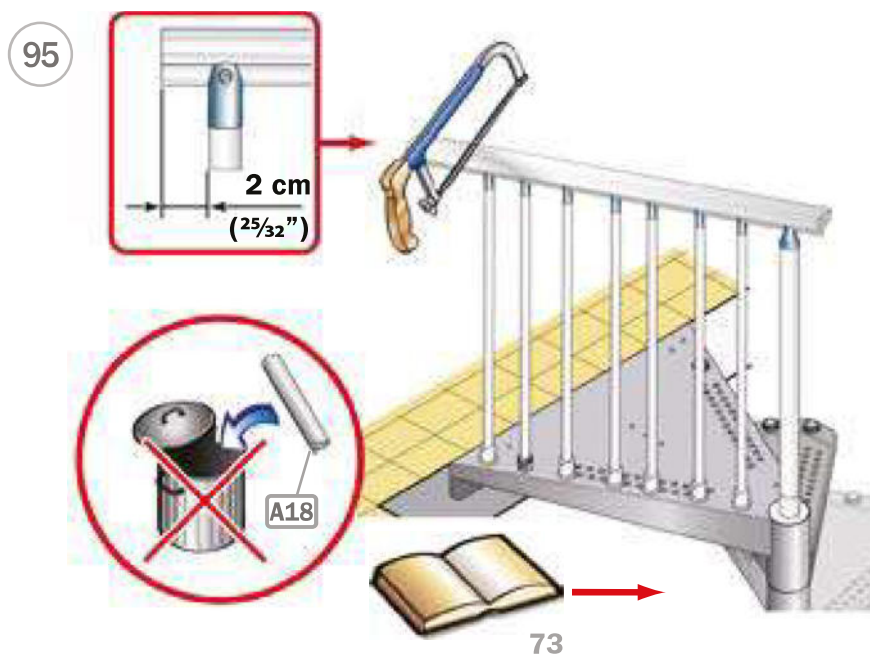
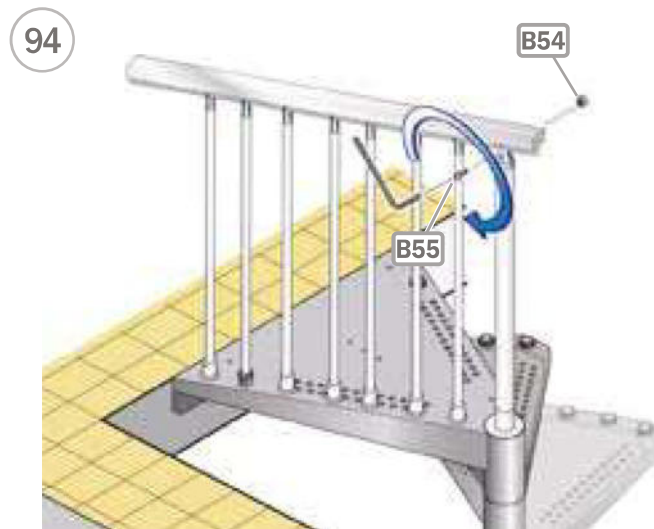


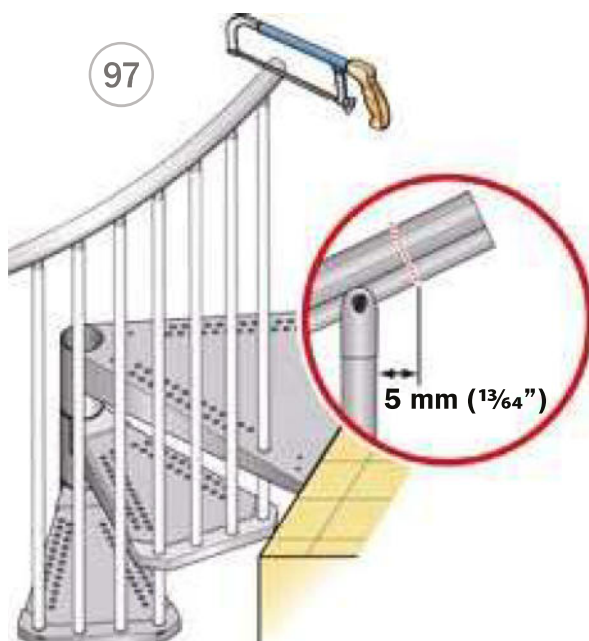
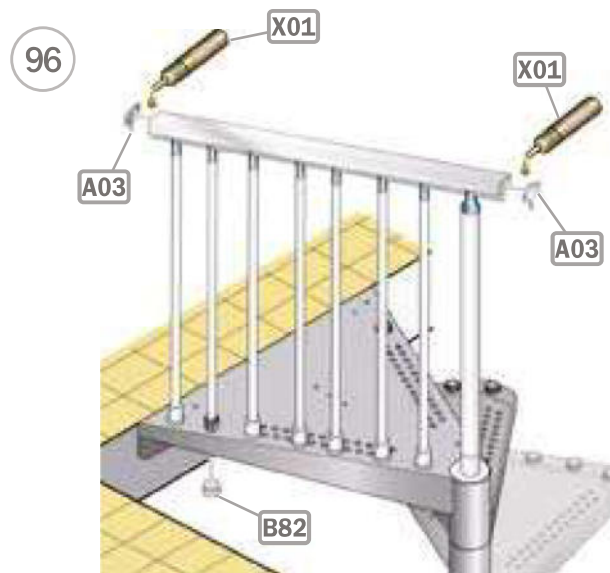
92

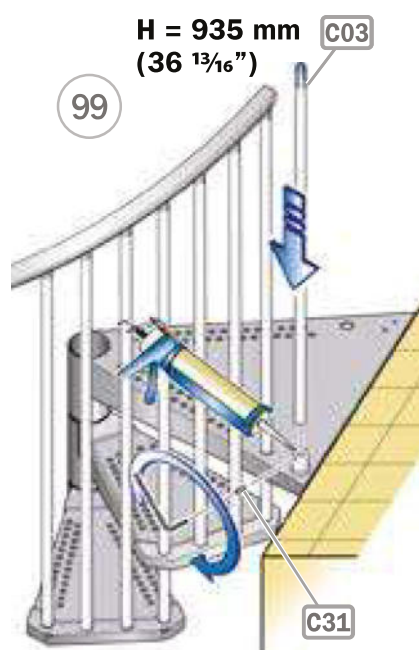
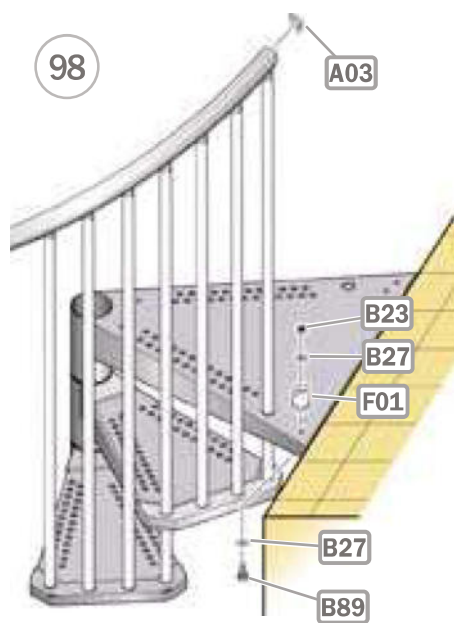


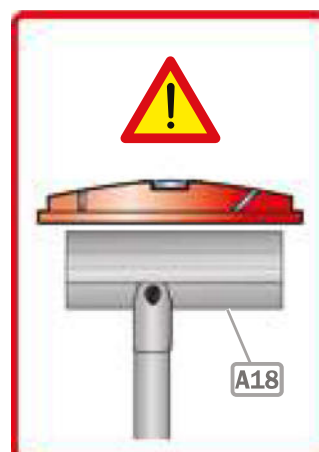
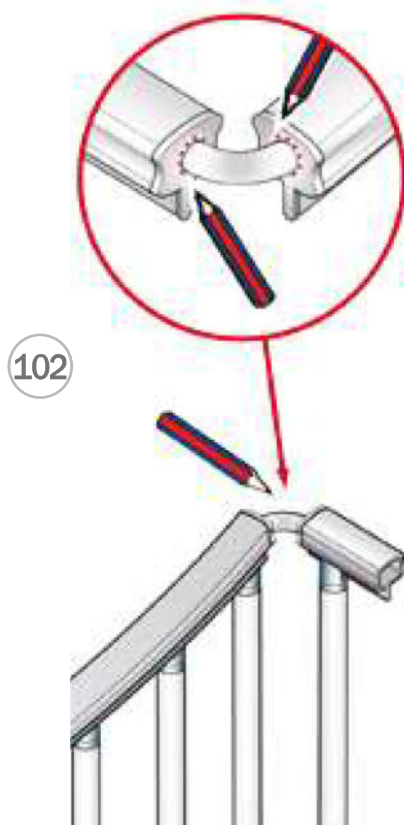
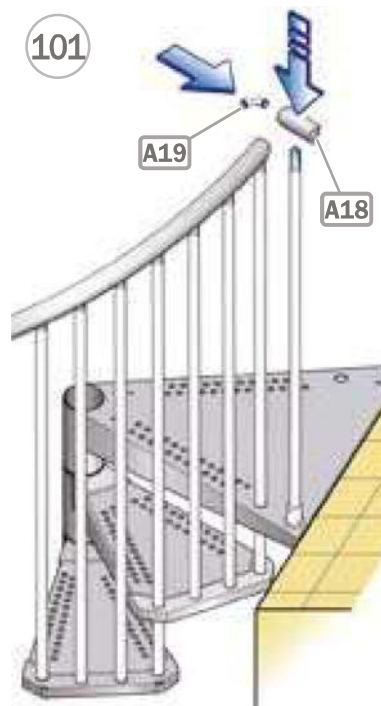
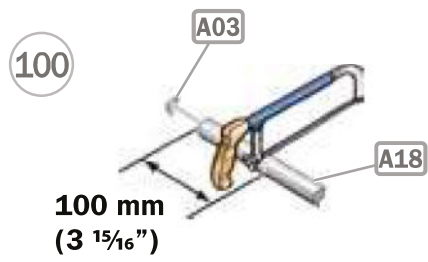
93

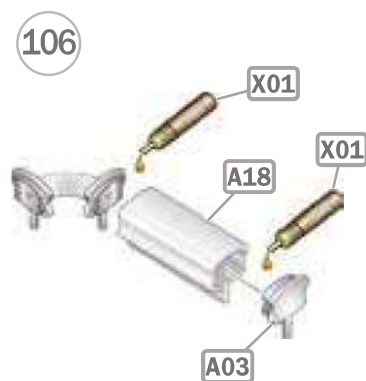
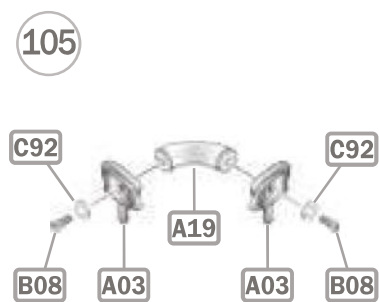
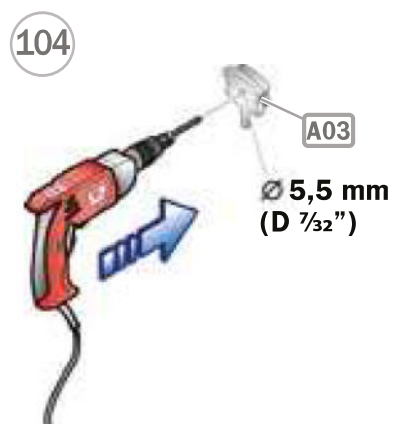
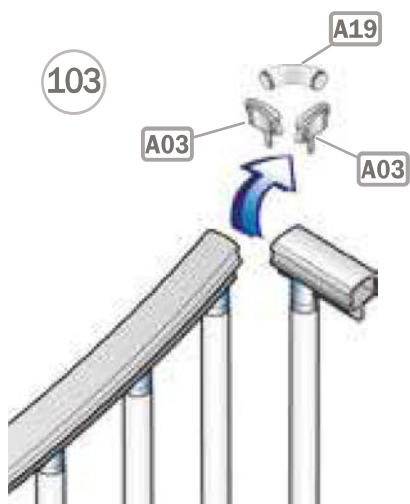


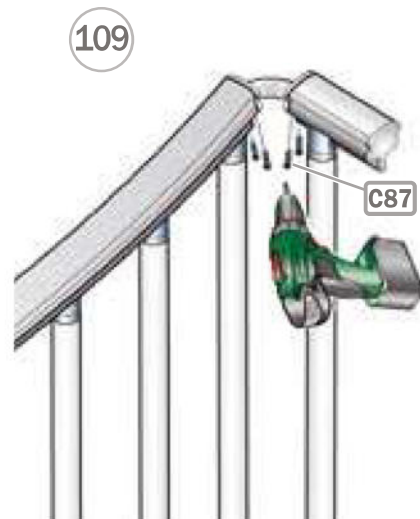
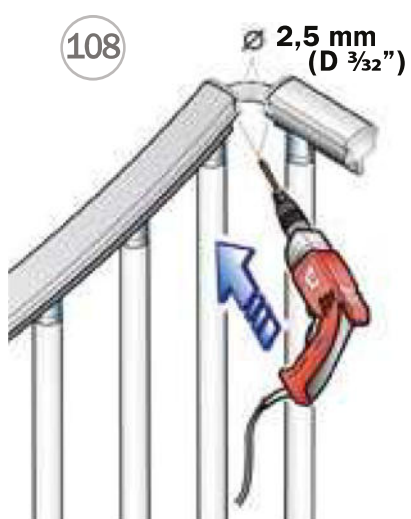
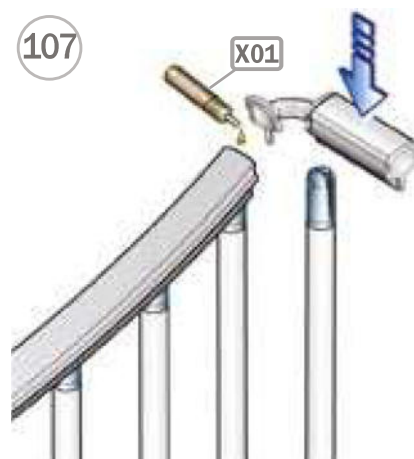


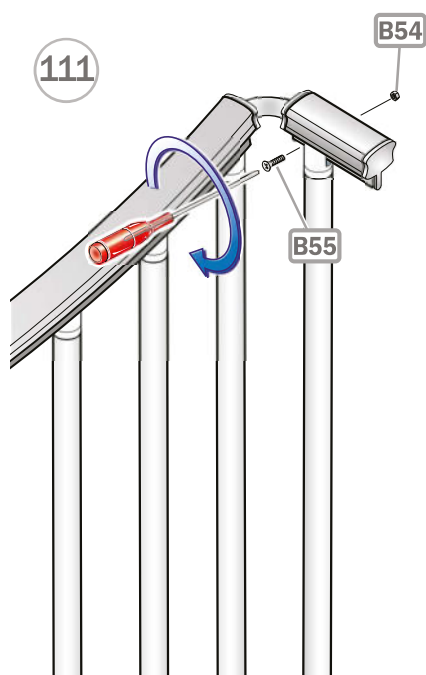
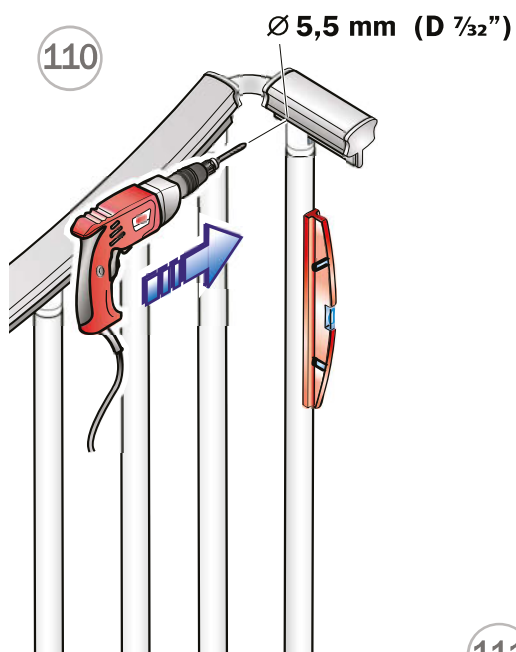


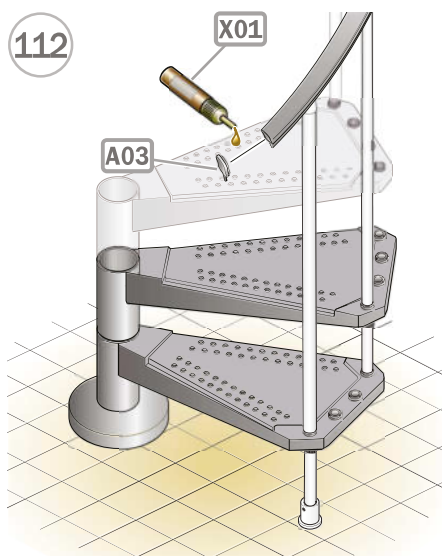








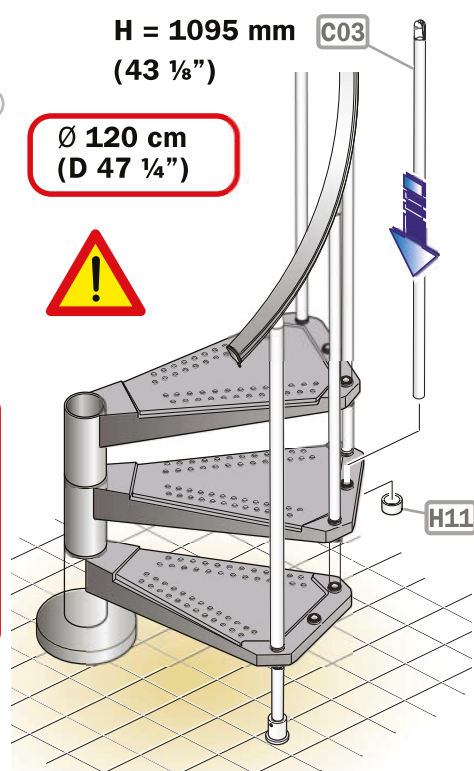
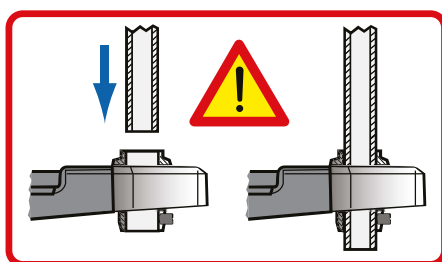


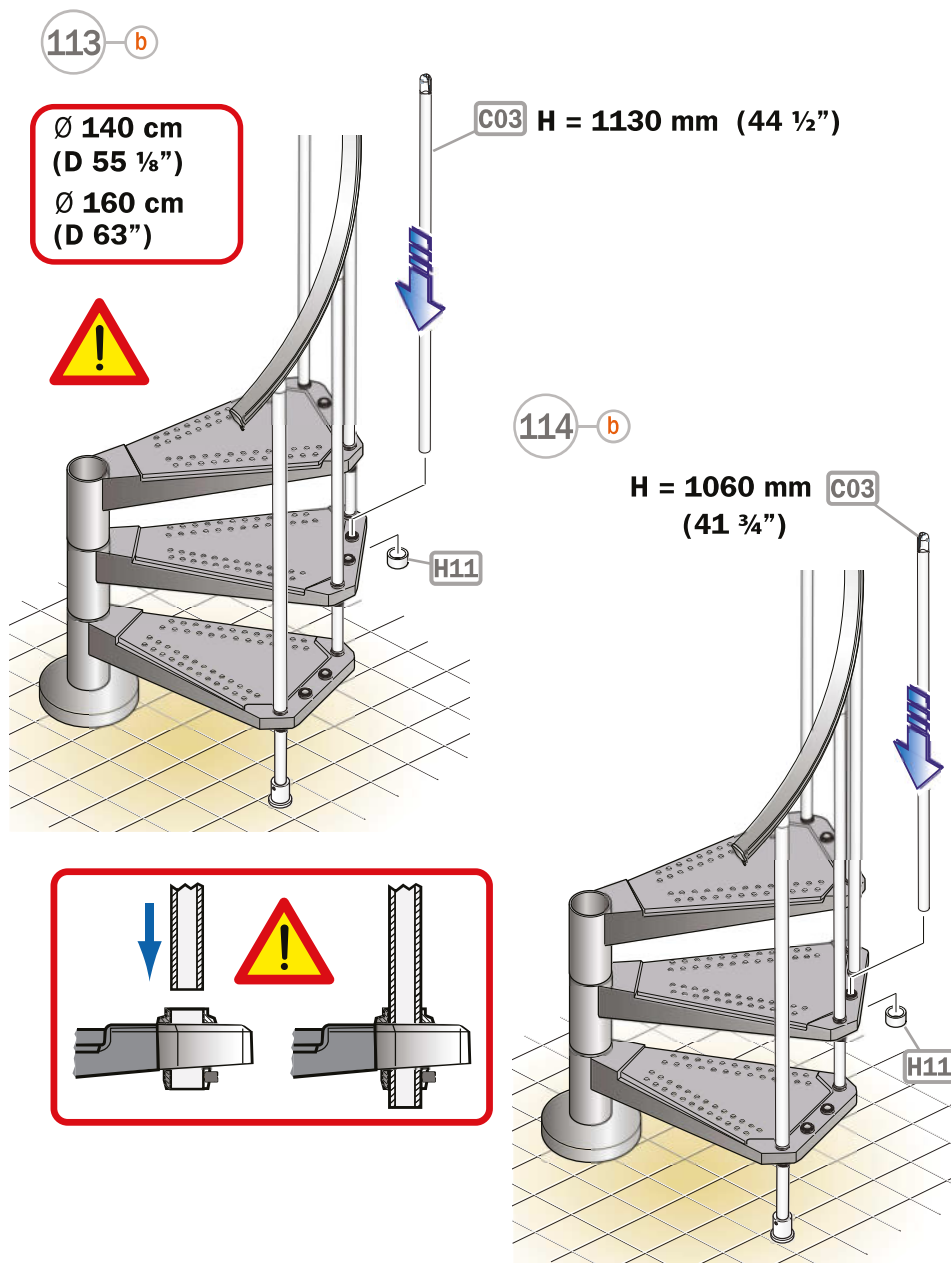


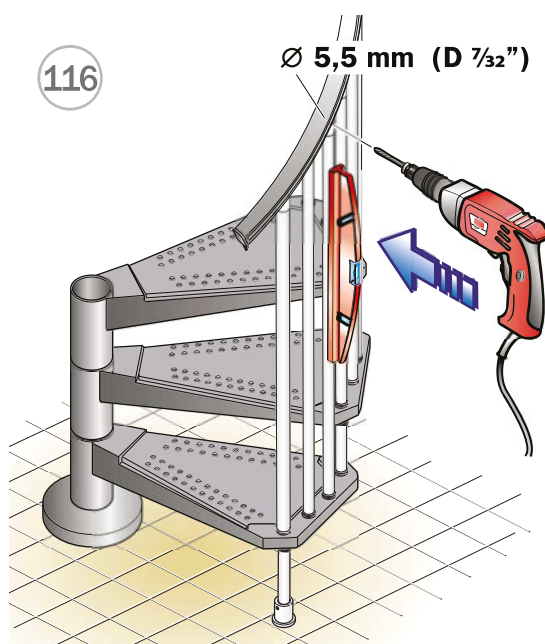
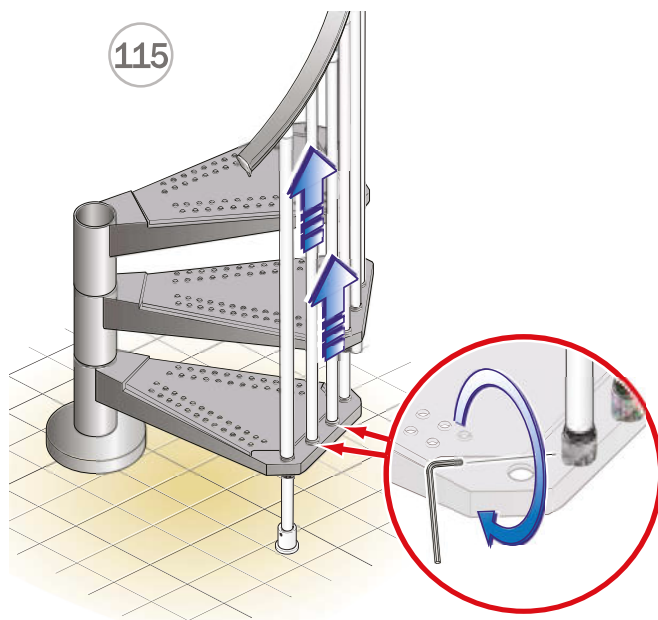
113 a

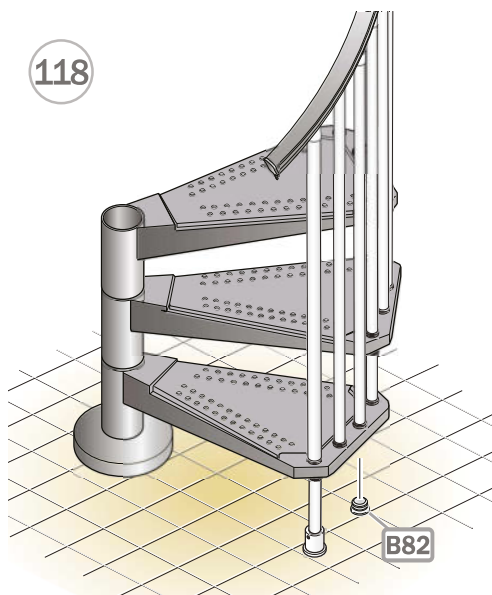
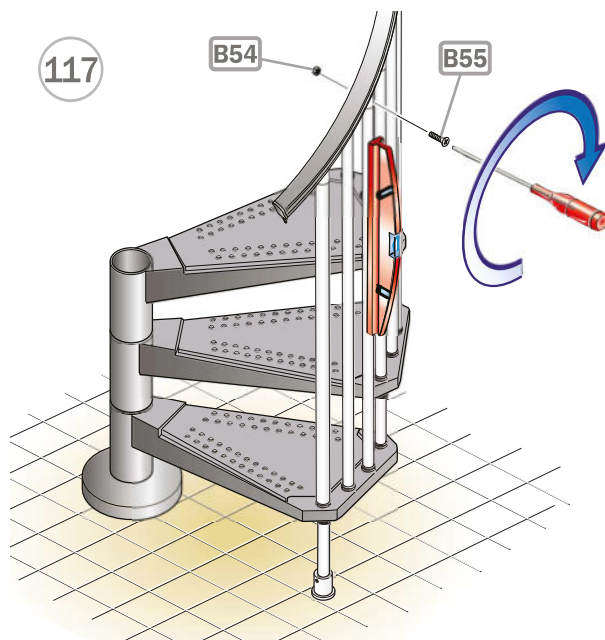
H = 1095 mm
(43 1/8")

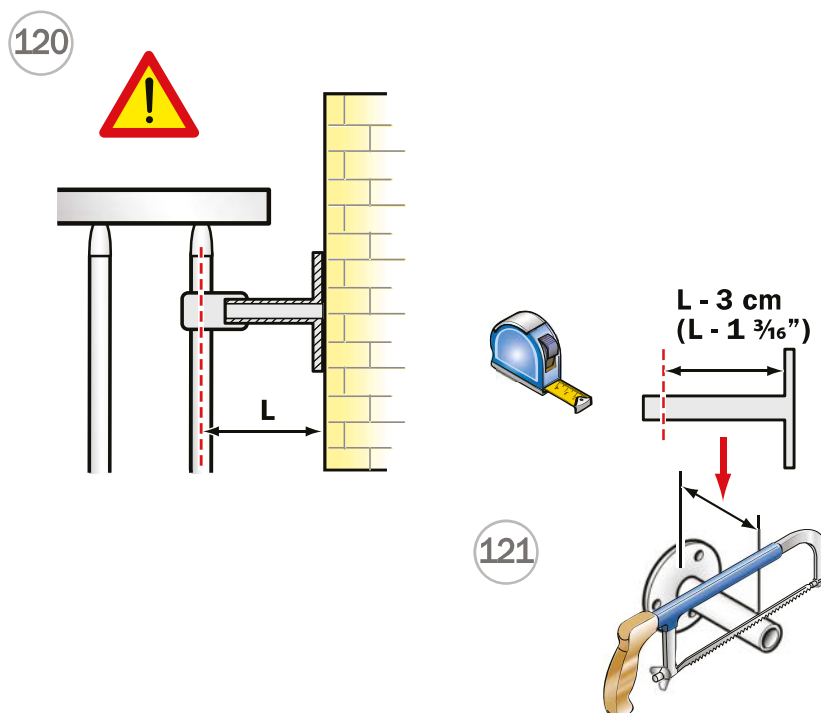
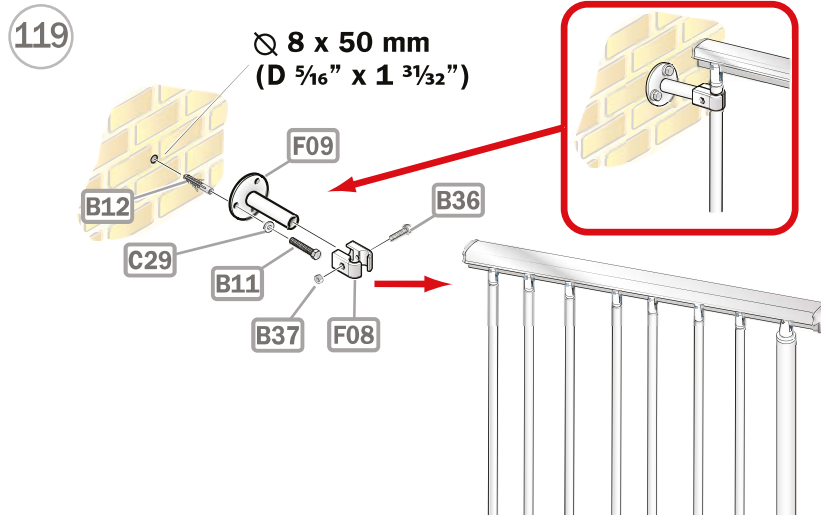
Ø 120 cm
(D 47 1/4")



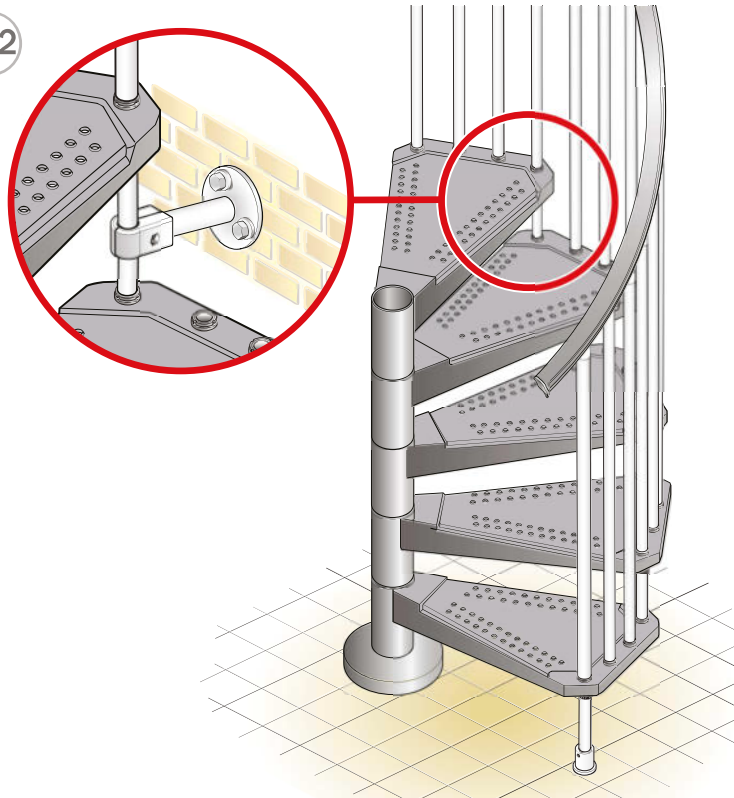




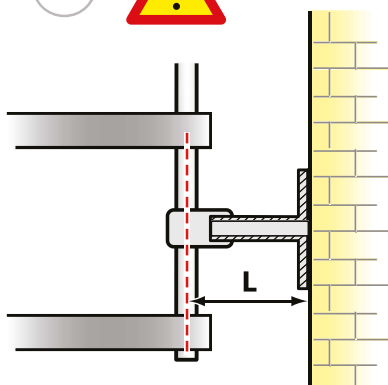




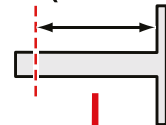
122



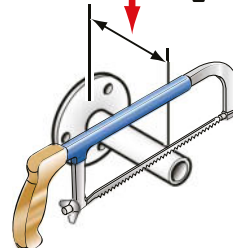
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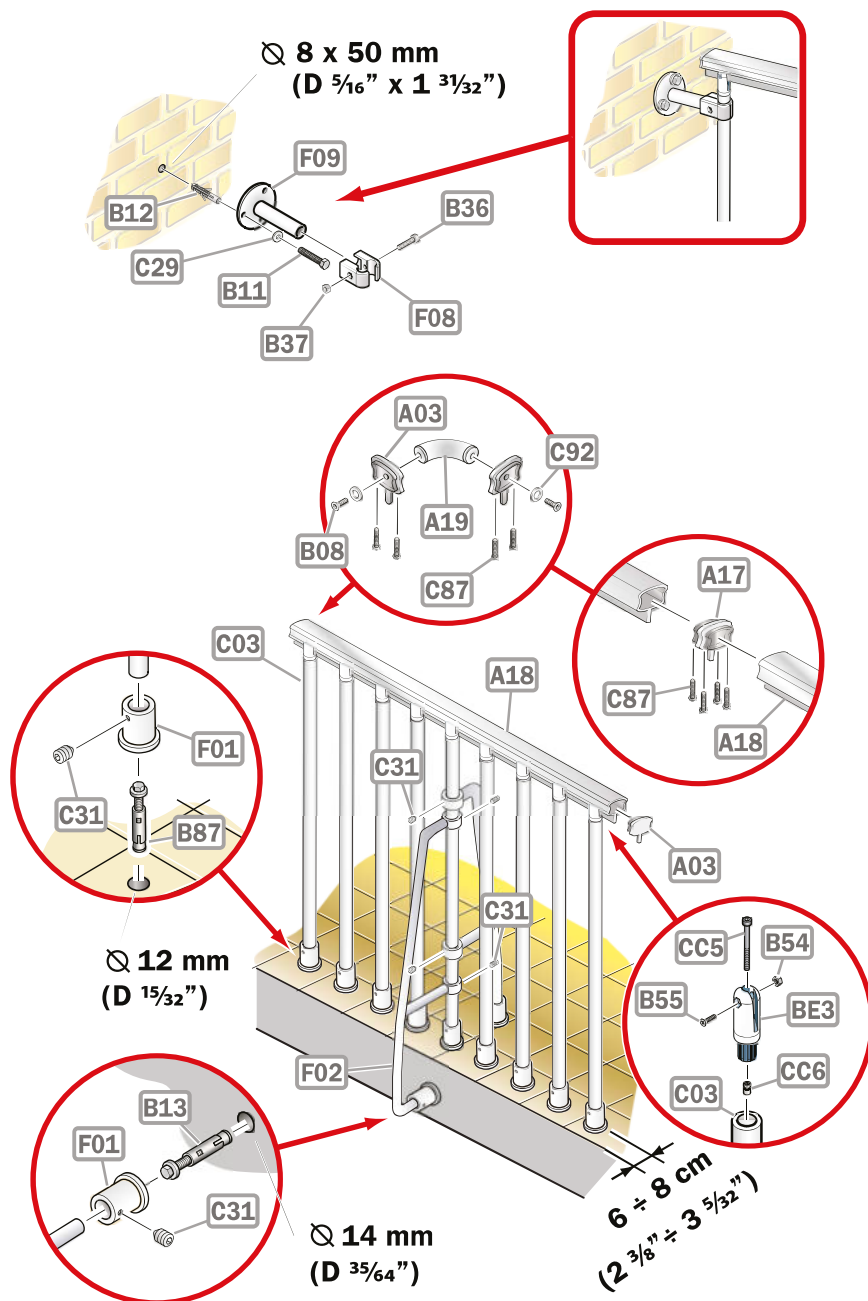


L - 3 cm
(L - 1 3/16")

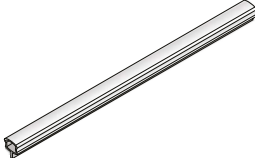


124







A03  4	A17  1	A18  1
A19  1	B08  2	B11  M6 x 40 mm (M 15/64" x 1 37/64") 3
B12  Ø 8 mm (D 5/16") 3	B13  M8 mm (M 5/16") 1	B36  M6 x 25 mm (M 15/64" x 63/64") 1
B37  M6 mm (M 15/64") 1	B54  10	B55  10

B87



10

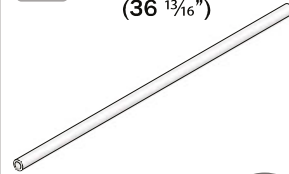
BE3



10

C03

H = 935 mm
(36 ¹³/₁₆")



10

C29



3

C31



6 x 6 mm
(¹⁵/₆₄" x ¹⁵/₆₄")

13

C87



8

C92



2

CC5



10

CC6



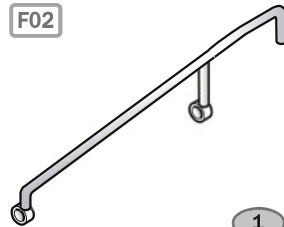
10

F01



11

F02



1

F08



2

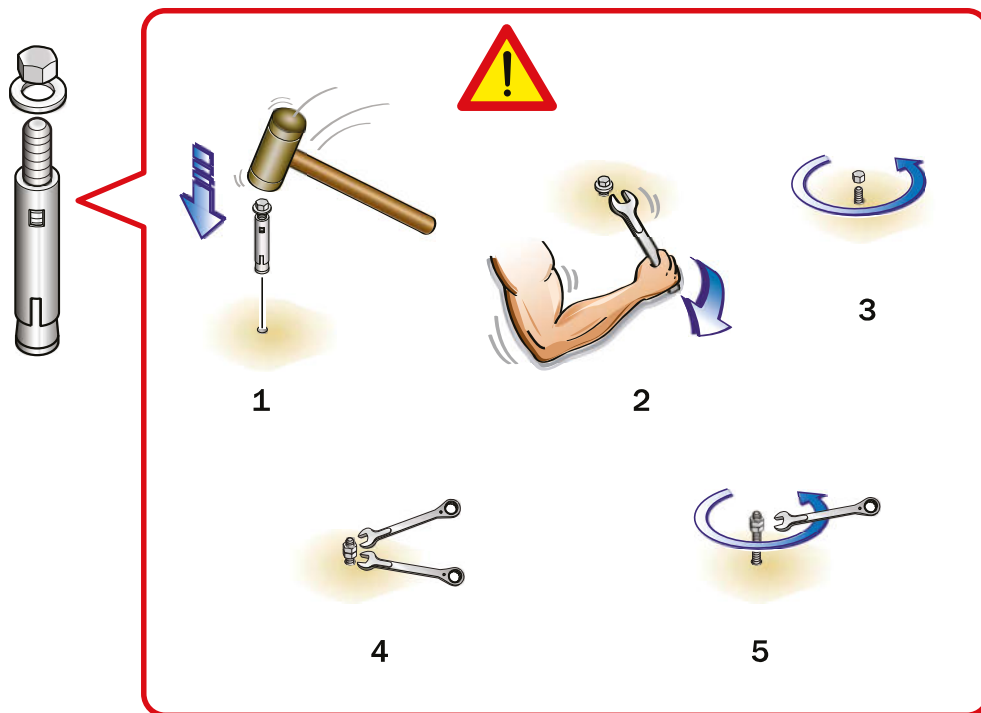
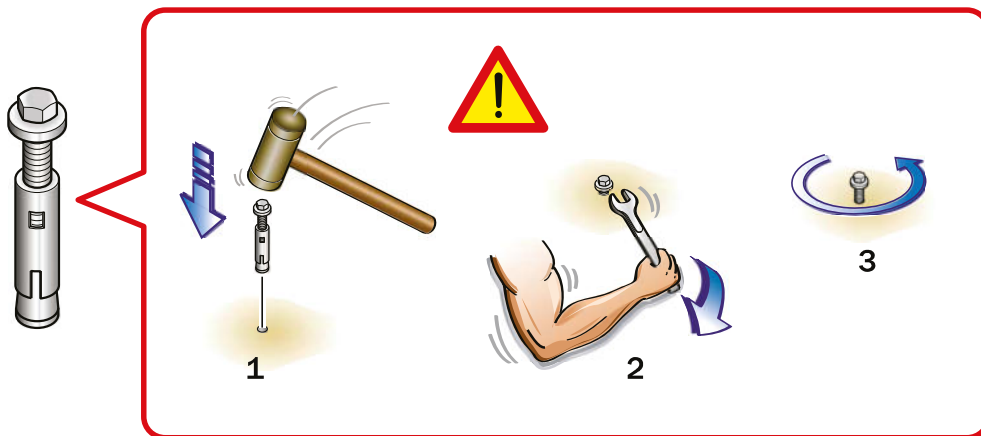
F09



1

X01



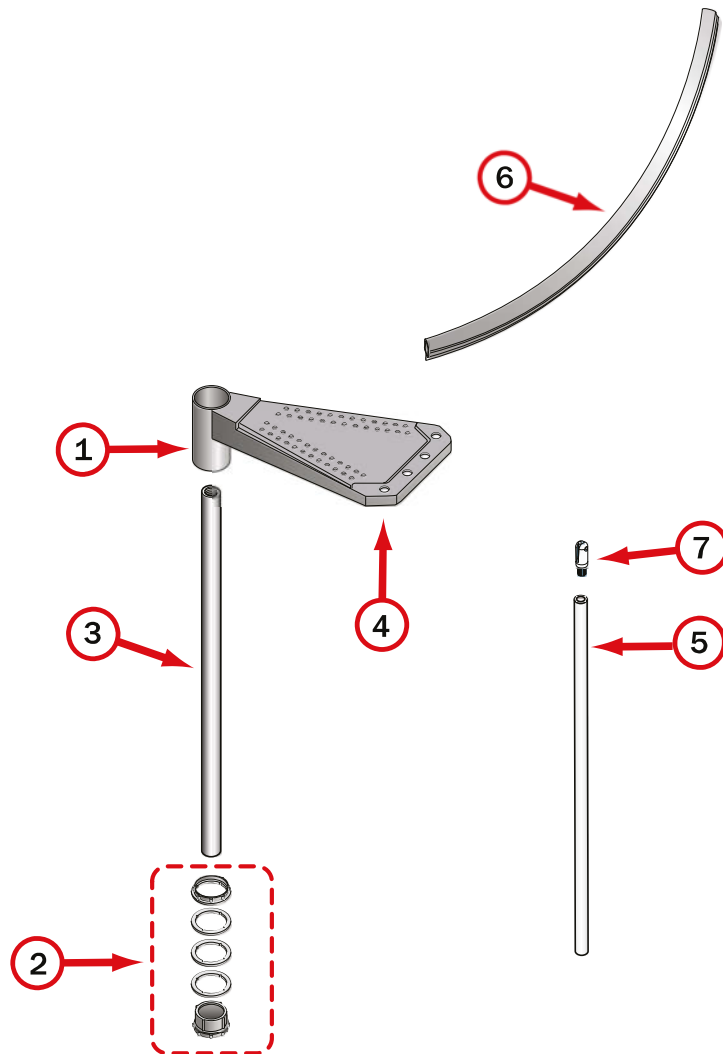




Italiano
English
Deutsch
Français
Español
Svenska
Dansk
Norsk
Suomi

DATI IDENTIFICATIVI DEL PRODOTTO
 PRODUCT DETAILS
 PRODUKTEIGENSCHAFTEN
 DONNÉES D'IDENTIFICATION DU PRODUIT
 DATOS DE IDENTIFICACIÓN
 PRODUKTDETALJER
 PRODUKTETS IDENTIFIKATIONSDATA
 PRODUKTINFORMASJON
 TUOTTEEN TUNNISTETIEDOT





IT)

dati identificativi del prodotto

denominazione commerciale: **SKY 030**

tipologia: scala a chiocciola a pianta tonda

materiali impiegati

STRUTTURA

descrizione

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

materiali

distanziali: Fe 360

spessori: nylon 66

palo: Fe 360 zincato

finitura

distanziali: zincatura a caldo e verniciatura a forno con polveri poliestere per uso esterno

GRADINI

descrizione

gradini **(4)** in metallo circolari impilati sul palo **(3)** centrale

materiali

gradini: lamiera Fe 360

finitura

zincatura a caldo e verniciatura a forno con polveri poliestere per uso esterno

RINGHIERA

descrizione

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

materiali

colonnine: Fe 360

corrimano: PVC

fissaggi **(7)**: nylon

finitura

colonnine: zincatura a caldo Sendzimir e mano di fondo ai fosfati di zinco e verniciatura a forno con polveri poliestere per uso esterno

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 detergenti 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: **SKY 030**

type: spiral round staircase

used materials

STRUCTURE

description

composed of metal spacers **(1)** (welded to the tread) and of plastic spacers **(2)** stacked and packed on the central modular pole **(3)**

materials

spacers: Fe 360

plastic spacers: nylon 66

pole: Fe 360 galvanized

finishing

spacers: hot dip galvanizing and polyester powder coating for outdoor use

TREADS

description

circular metal treads **(4)** stacked on the central pole **(3)**

materials

treads: plate Fe 360

finishing

hot dip galvanizing and polyester powder coating for outdoor use

RAILING

description

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

materials

balusters: Fe 360

handrail: PVC

fixings **(7)**: nylon

finishing

balusters: Sendzimir hot dip galvanizing, zinc phosphate primer and polyester powder coating for outdoor use

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.

DE)
Produkteigenschaften
kommerzielle Bezeichnung: **SKY 030**
Typologie: Spindeltreppe mit rundem Grundriss

verwendete Materialien

STRUKTUR

Beschreibung
bestehend aus Distanzhülsen (1) aus Metall (mit der Stufe verschweißt) und Distanzringen (2) aus Plastik um die Zentralsäule (3) im Baukastensystem herum gestapelt und komprimiert

Materialien

Distanzhülsen: Fe 360

Distanzringen: Nylon 66

Zentralsäule: Fe 360 verzinkt

Ausführung

Distanzhülsen: Feuerverzinkung und Polyester-Pulverbeschichtung für Außenbereichen

STUFEN

Beschreibung
runde Stufen (4) aus Metall um die Zentralsäule (3) herum gestapelt

Materialien

Stufen: Fe 360 Blech

Ausführung

Feuerverzinkung und Polyester-Pulverbeschichtung für Außenbereichen

GELÄNDER

Beschreibung
bestehend aus auf den Stufen (4) befestigten, senkrechten Stäben (5) aus Metall und aus einem Handlauf (6) aus PVC

Materialien

Geländerstäbe: Fe 360

Handlauf: PVC

Befestigungsteile (7): Nylon

Ausführung

Geländerstäbe: Sendzimir-Feuerverzinkung, Zinkphosphat-Grundierung und Polyester-Pulverbeschichtung für Außenbereichen

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.

FR)
données d'identification du produit
denomination commerciale : **SKY 030**
typologie : escalier en colimaçon à plan rond

matériaux utilisés

STRUCTURE

description

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

matériaux

entretoises : Fe 360

cales : nylon 66

pylône : Fe 360 galvanisé

finition

cales : galvanisation à chaud et peinture en poudre polyester pour extérieur

MARCHES

description

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

matériaux

marches : tôle Fe 360

finition

galvanisation à chaud et peinture en poudre polyester pour extérieur

GARDE-CORPS

description

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

matériaux

colonnettes : Fe 360

main courante : PVC

fixations (7) : nylon

finition

colonnettes : galvanisation à chaud Sendzimir, couche de fond au phosphate de zinc et peinture en poudre polyester pour extérieur

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 alterations ou installations non correspondantes aux instructions du producteur peuvent invalider les conformités préétablies du produit.