



МОHTAЖ SPIRAL EFFECT

S
E

SILVER

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SPIRAL EFFECT

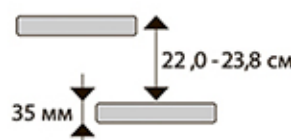
Винтовая лестница с массивными деревянными ступенями и алюминиевым поручнем

ПРЕИМУЩЕСТВА

- Ступени из массива Бука толщиной 35 мм
- Элементы конструкции из высококачественной стали окрашены порошковым покрытием
- Алюминиевые поручни окрашены порошковым покрытием высокого качества
- Все деревянные детали покрыты двумя слоями высококачественного лака
- Покрытие порошковой краской черного ① и серебристого ② цвета

ДОПОЛНИТЕЛЬНЫЕ ОПЦИИ

- Ступени из Дуба
- Дополнительная секция h 309 - 332 см
- Дополнительная секция h 309 - 356 см
- Ограждение лестничной площадки
- Перила полукруглые

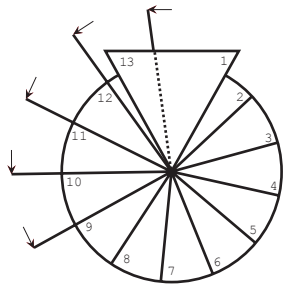
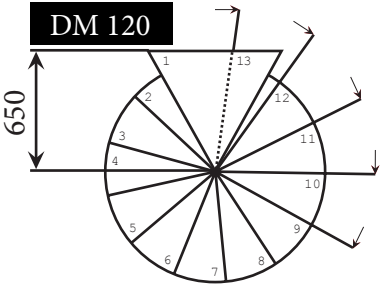


ТЕХНИЧЕСКИЕ ДАННЫЕ

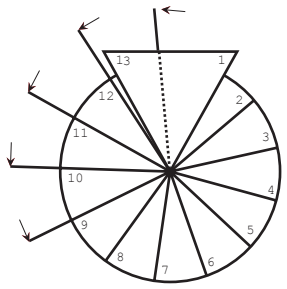
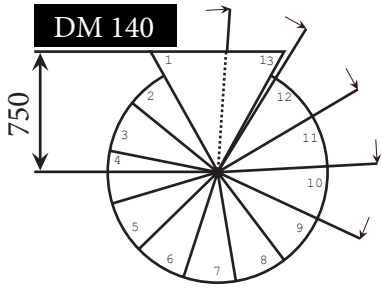
Материал	Ступени из Бука, покрытые лаком. Элементы конструкции из высококачественной стали окрашены порошковым покрытием. Алюминиевые поручни с порошковым покрытием высокого качества
Количество ступеней	12 ступеней + 1 подиум
Высота	Max. 309 см
Высота с дополнительным элементом	Max. 356 см (покупается дополнительно)
Диаметр лестницы	120 см, 140 см, 160 см
Артикул	Ø 120 см 27601 Ø 140 см 27602 Ø 160 см 27603

	9	10	11	12	13	
	1980	2200	2420	2640	2860	mm
	-	-	-	-	-	
	2142	2380	2618	2856	3094	mm
	232°	258°	284°	310°	336°	
	236°	262°	288°	314°	340°	
	205°	228°	251°	273°	296°	

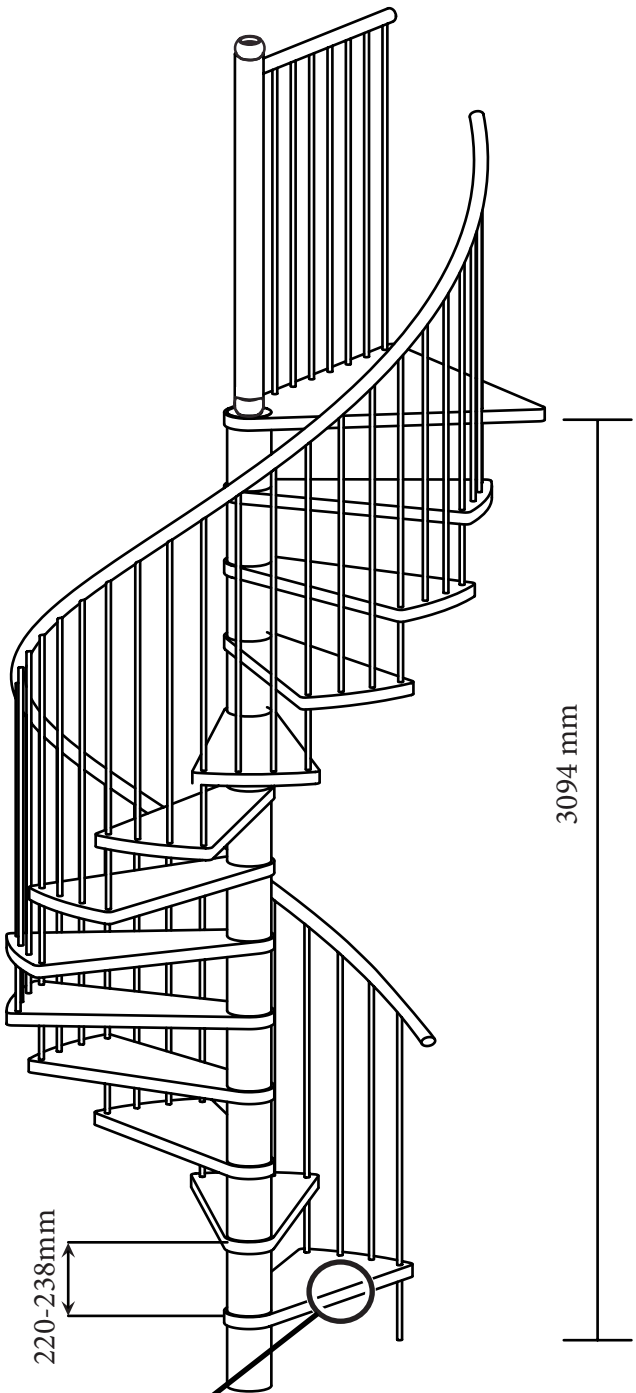
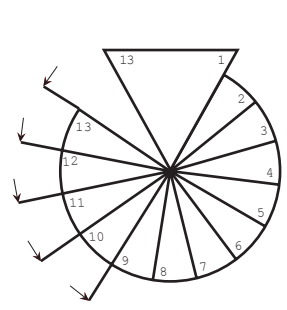
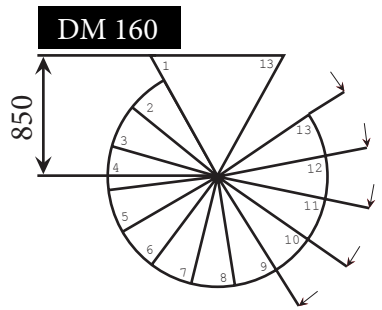
DM 120



DM 140



DM 160

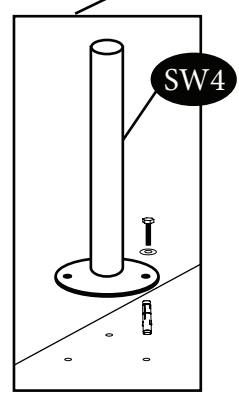
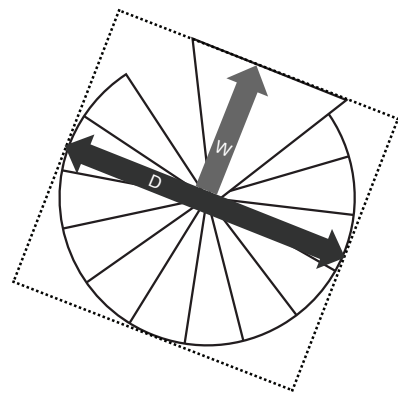
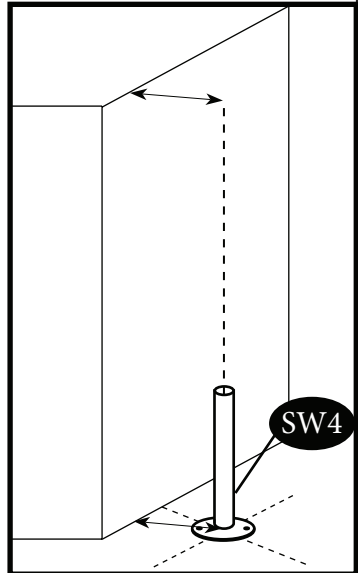
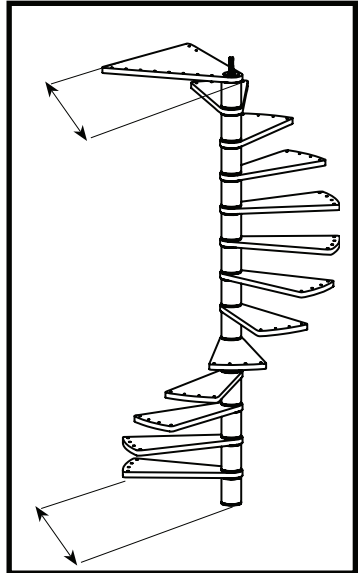


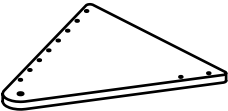
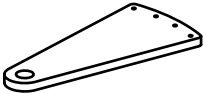
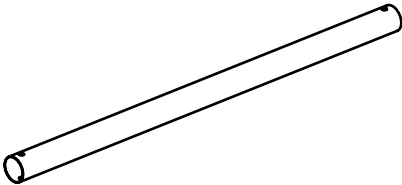
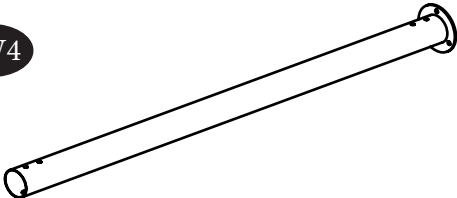
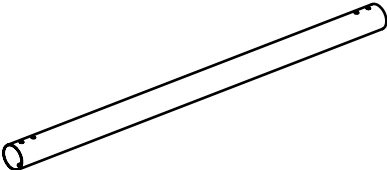
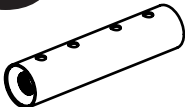
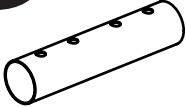
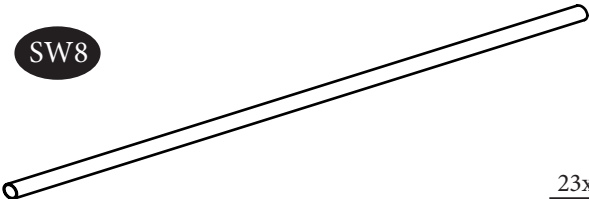
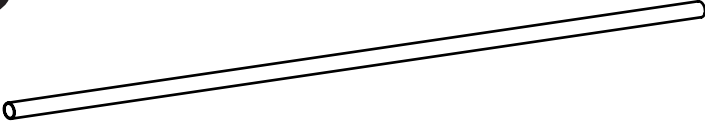
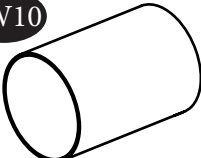
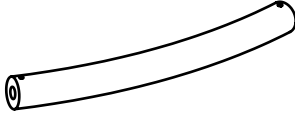
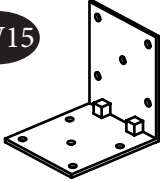
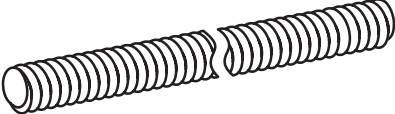
max. 200kg

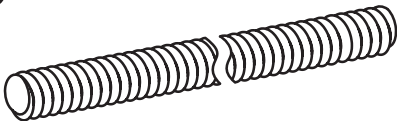
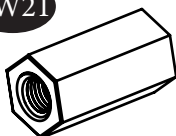
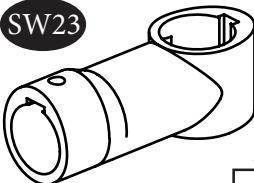
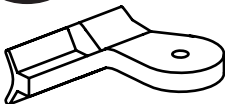
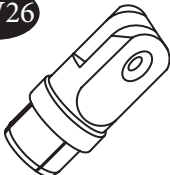
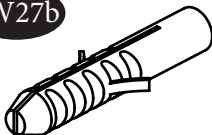
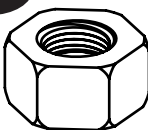
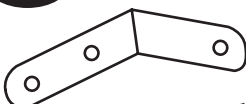
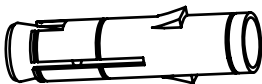
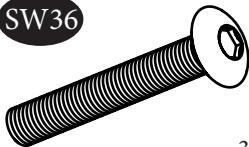
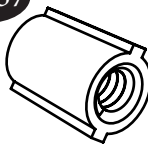
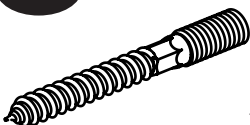
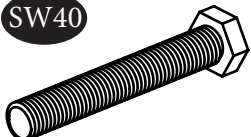
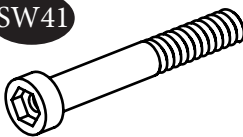
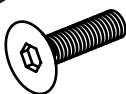


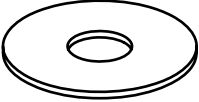
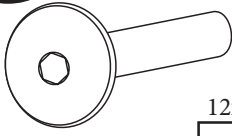
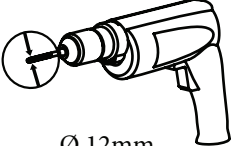
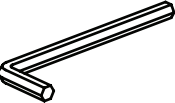
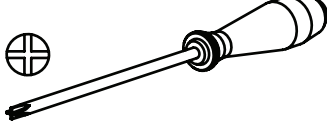
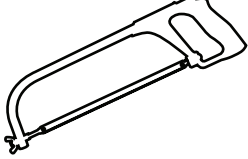
kg

	W	D
120	600-650 mm	> 1200 mm
140	700-750 mm	> 1400 mm
160	800-850 mm	> 1600 mm

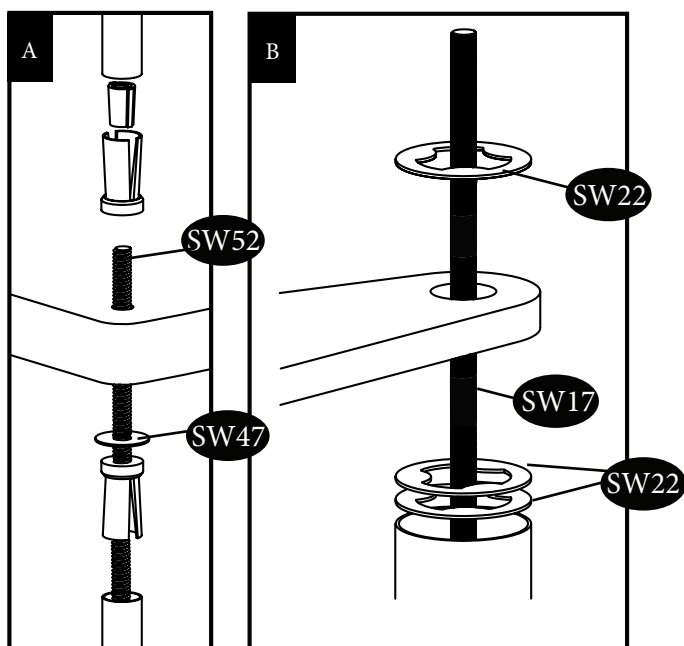


SW1  1x		SW2  12x	
SW3  910x50x1mm 1x		SW4  Ø60,2x1050mm 1x	
SW5  Ø60,2x1050mm 1x		SW6  Ø51x2,6x220mm 1x	SW7  Ø51x2,6x220mm 1x
SW8  Ø22x1x840mm 23x		SW11  Ø22x1x175mm 14x	SW12  Ø22x1x70mm 1x
SW9  Ø22x1x1100mm 24x			SW10  Ø127x2,9x179mm 13x
SW13  Ø40x400mm 12x		SW14  950x40mm 1x	
SW15  90x90x80x1,5mm 2x	SW16  Ø100x3 d21mm 1x	SW17  M20 x 1210mm 1x	

SW18  M20x900mm 1x	SW19  Ø15x50mm 11x	SW20  M10x120mm 1x	
SW21  M20x60mm DIN6334 1x	SW22  Ø127x3mm 104x	SW23  3x	SW24  46x
SW25  Ø50mm 2x	SW26  46x	SW27a  Ø8mm 10x	SW27b  Ø12mm 2x
SW28  Ø22mm 1x	SW29  Ø35mm 1x	SW30  M20 DIN934 1x	SW30a  M20 DIN439B 1x
SW31  Ø40mm 4x	SW32  M5 DIN934 46x	SW33  37x28x12mm 1x	SW34  M6 DIN562 6x
SW35  M8x55mm 3x	SW36  M10x70mm 34x	SW37  M10 50x	SW38  74x
SW39  M10x100mm 2x	SW40  M8x55mm DIN933 3x	SW41  M8x55mm DIN6912 6x	SW42  M5x20mm DIN7991 46x

SW43  M6x6mm DIN914 6x	SW44  Ø6x50mm 10x	SW45  Ø6x30mm 10x	SW46  Ø3,9x19mm 2x
SW47  Ø30x3mm 112x	SW48  Ø16mm 3x	SW49  8x	SW50  Ø3,5x25mm 117x
SW51  Ø4x25mm 46x	SW52  M10x300mm 12x	SW53  M10x35mm 12x	 Ø 12mm Ø 8mm Ø 1,5mm
 6mm 3mm	 Ø 30mm Ø 13mm		

1

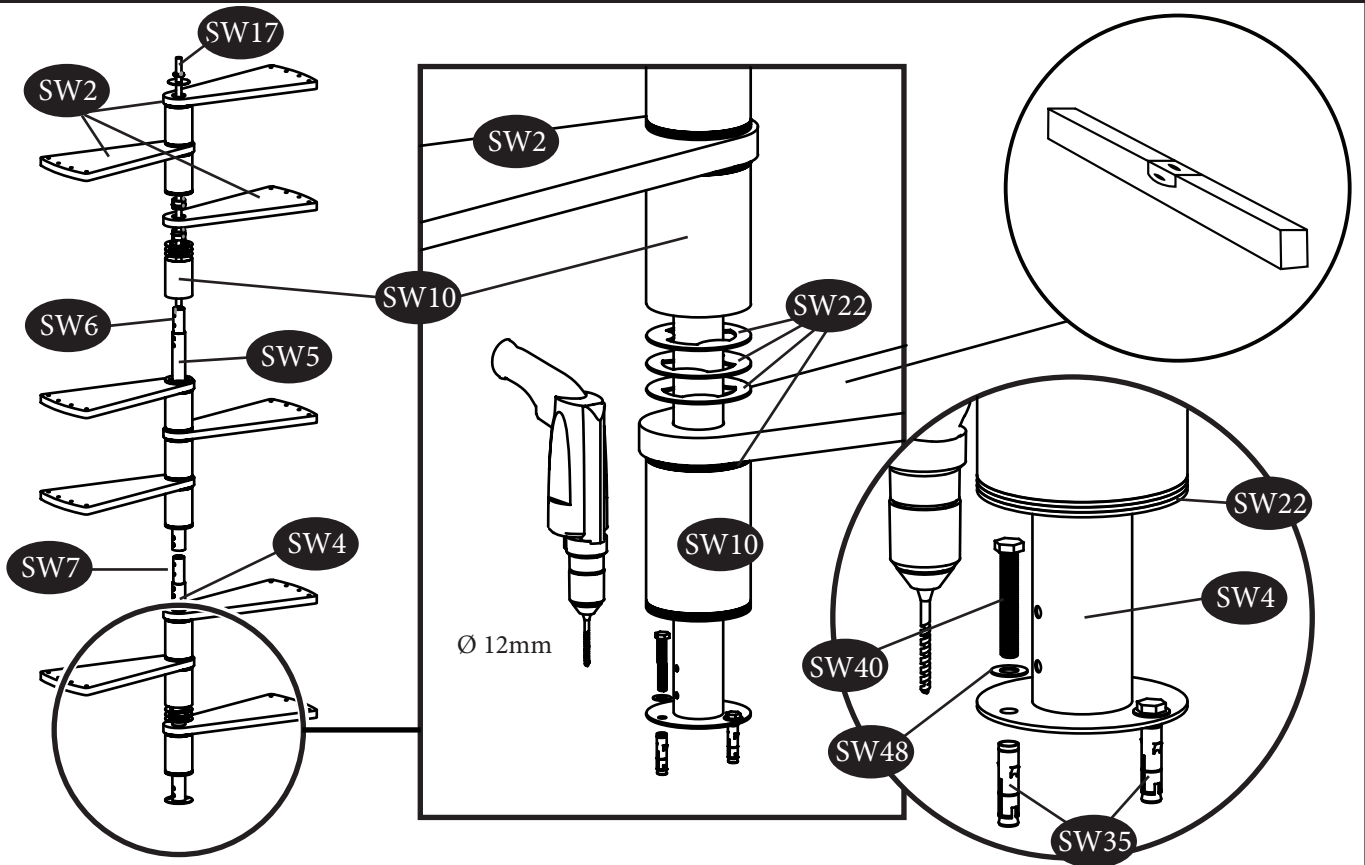


A

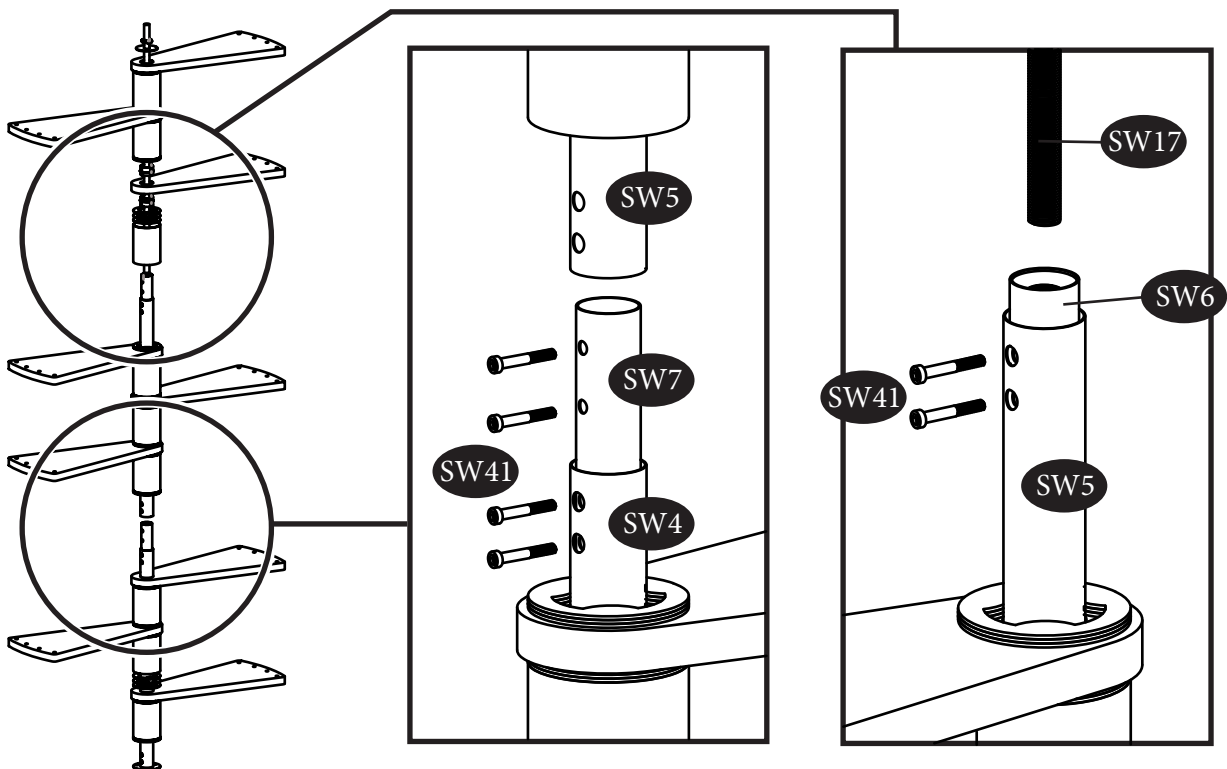
0 x SW47 = 220 mm
1 x SW47 = 223 mm
2 x SW47 = 226 mm
3 x SW47 = 229 mm
4 x SW47 = 232 mm
5 x SW47 = 235 mm
6 x SW47 = 238 mm

B

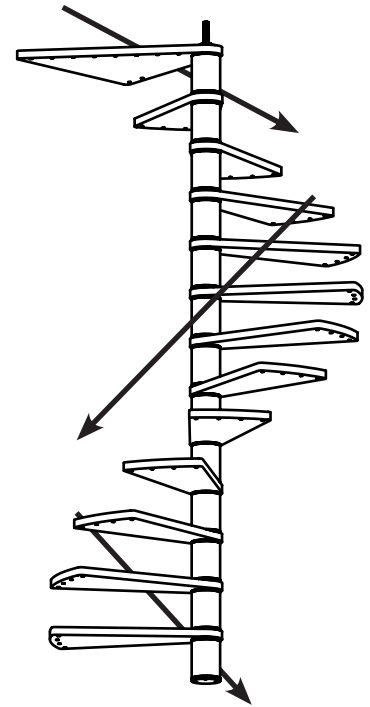
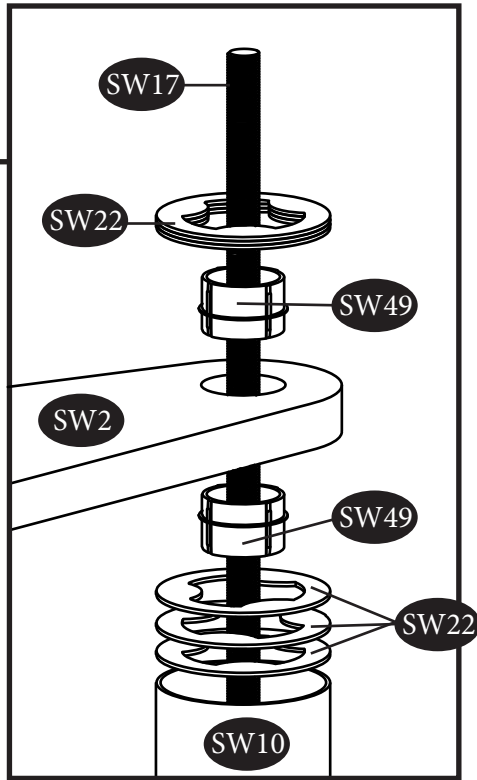
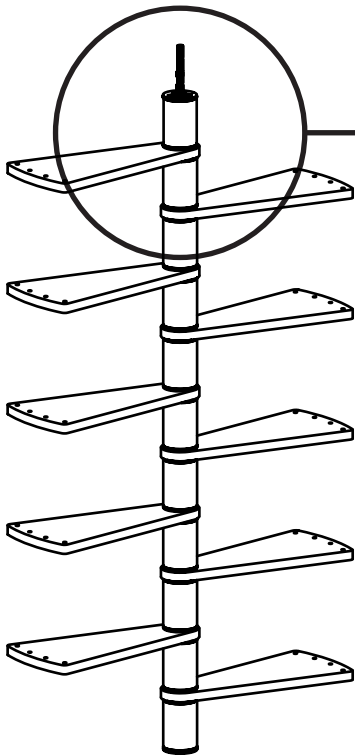
2 x SW22 = 220 mm
3 x SW22 = 223 mm
4 x SW22 = 226 mm
5 x SW22 = 229 mm
6 x SW22 = 232 mm
7 x SW22 = 235 mm
8 x SW22 = 238 mm



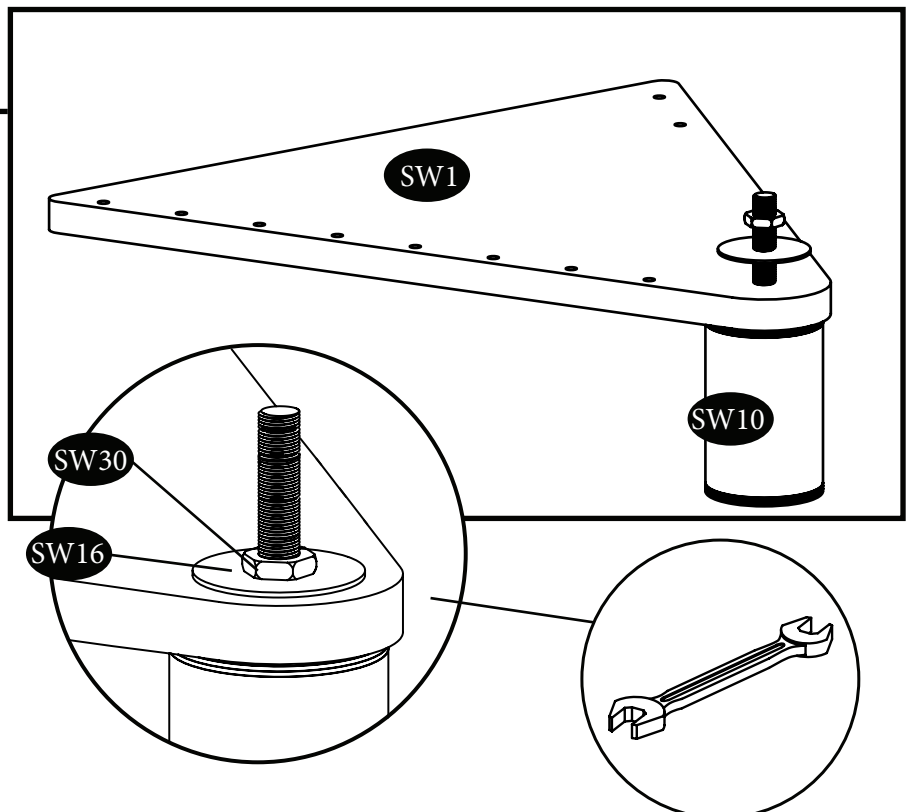
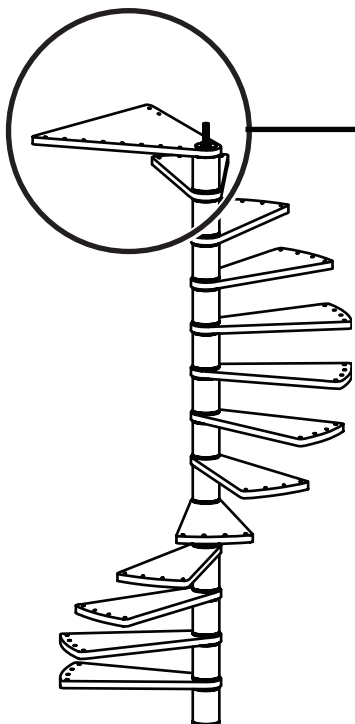
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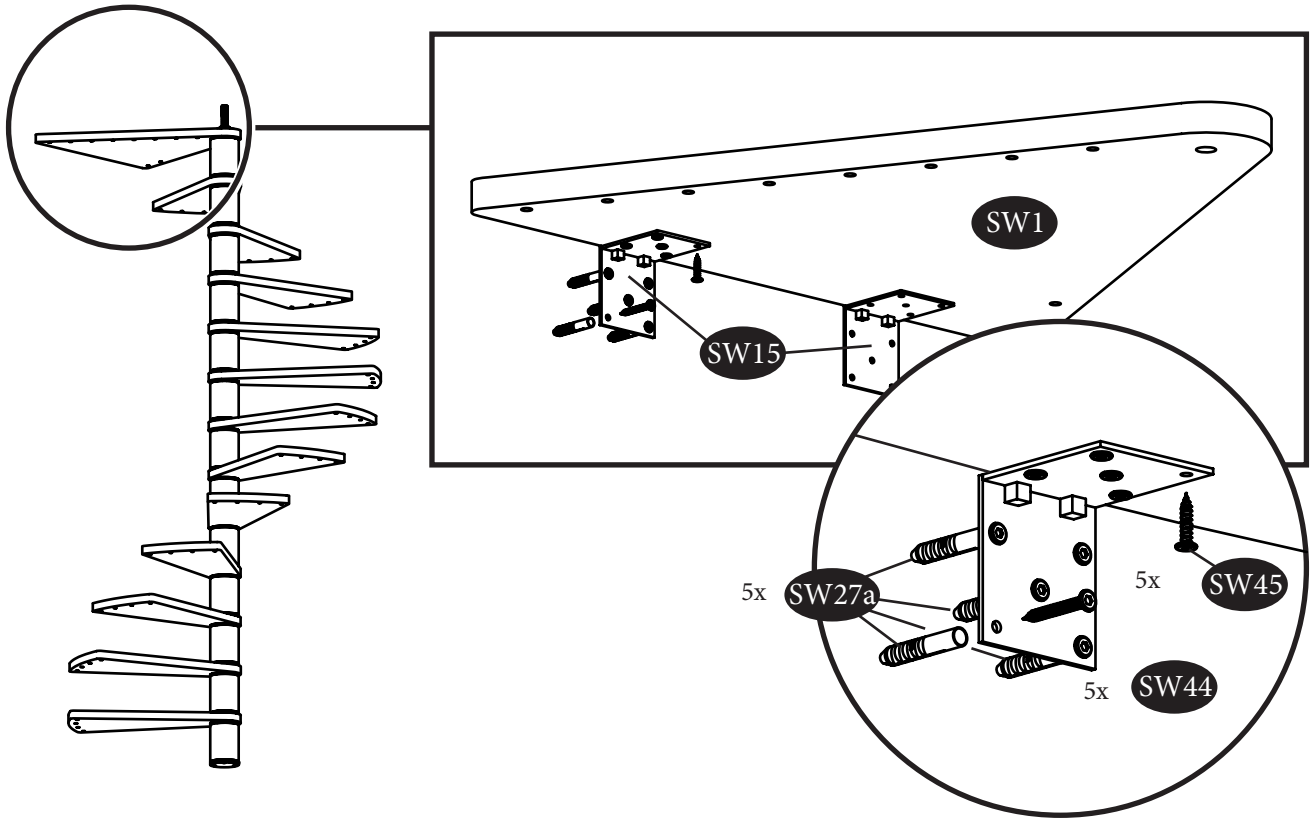
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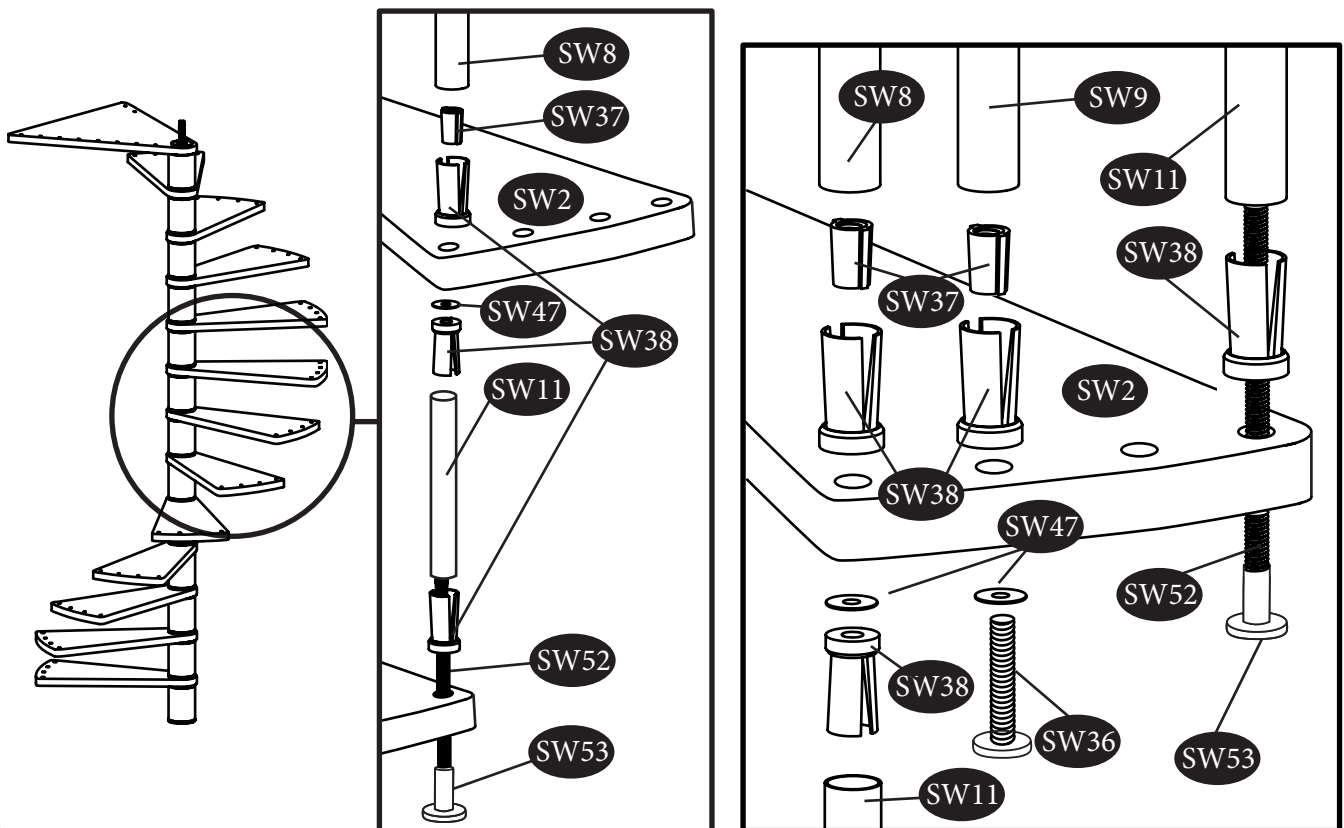
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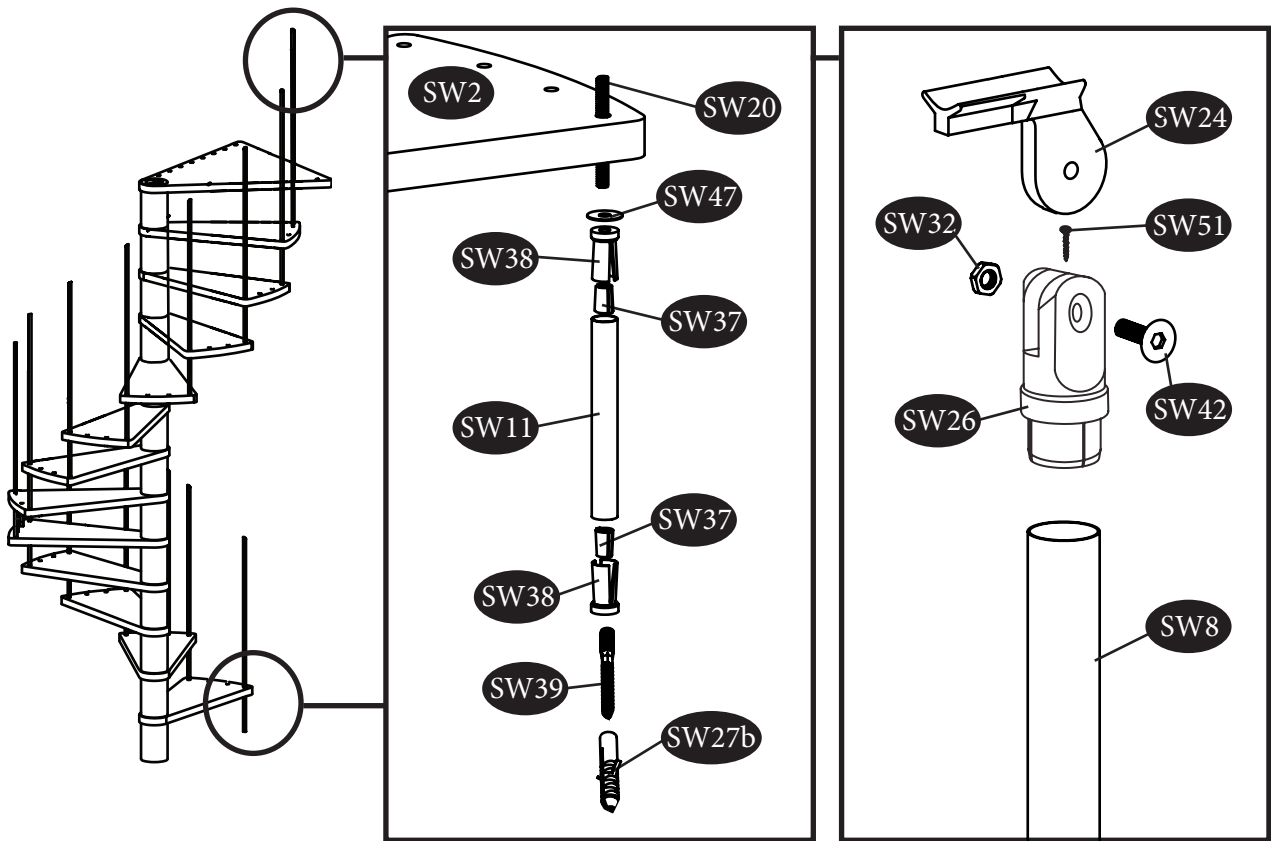
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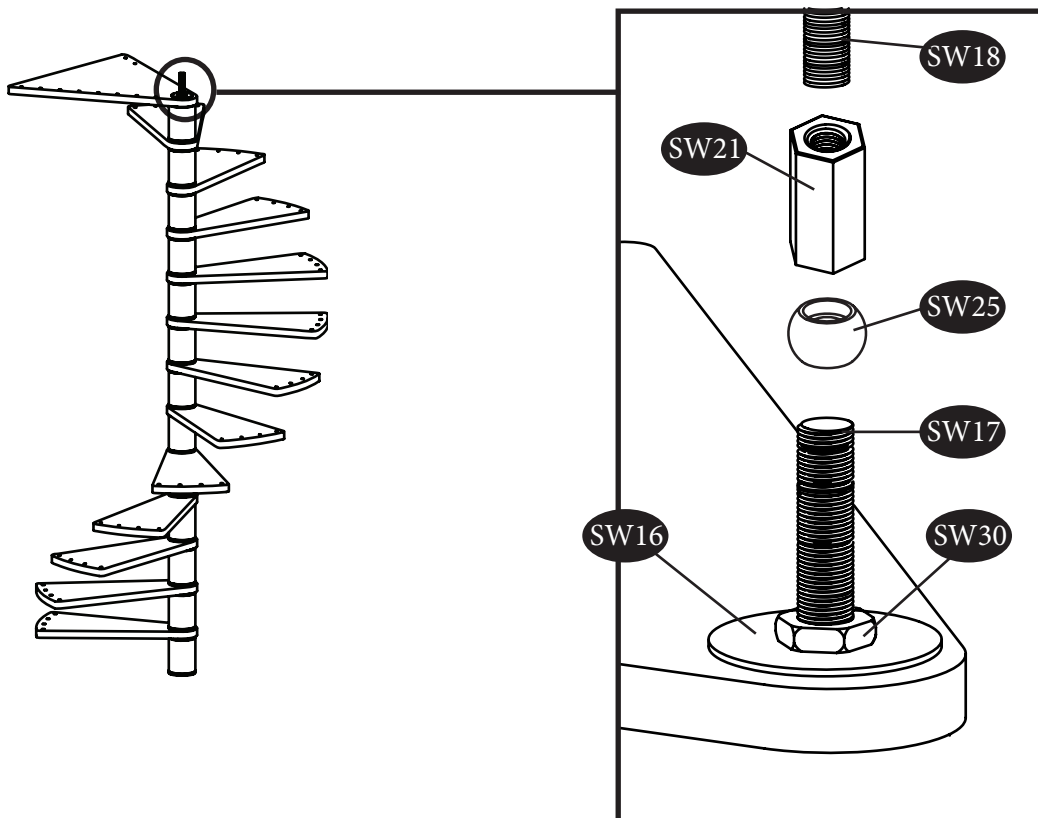
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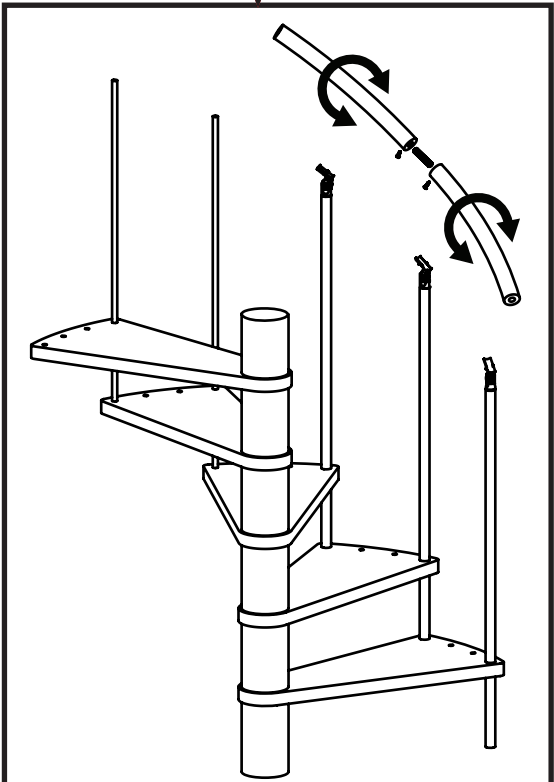
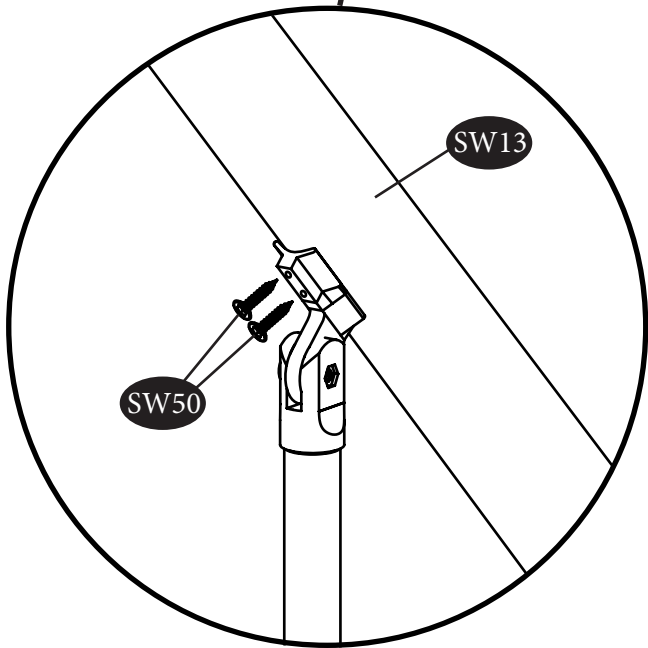
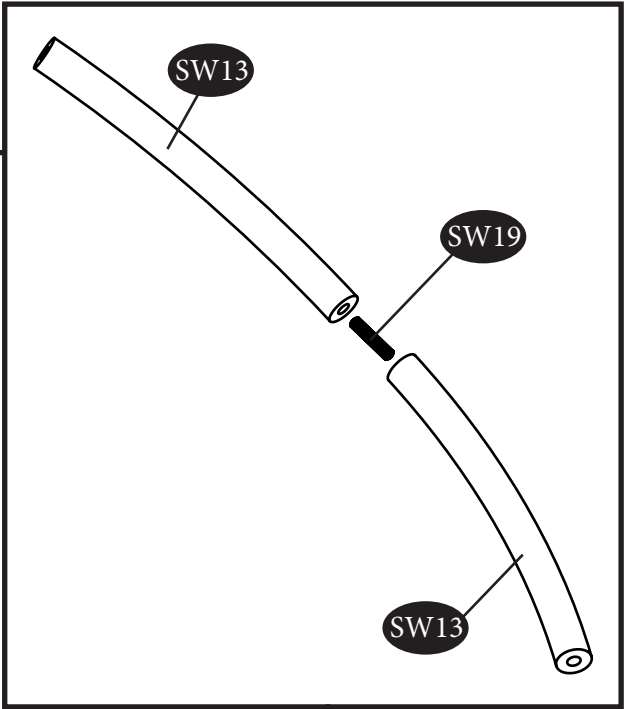
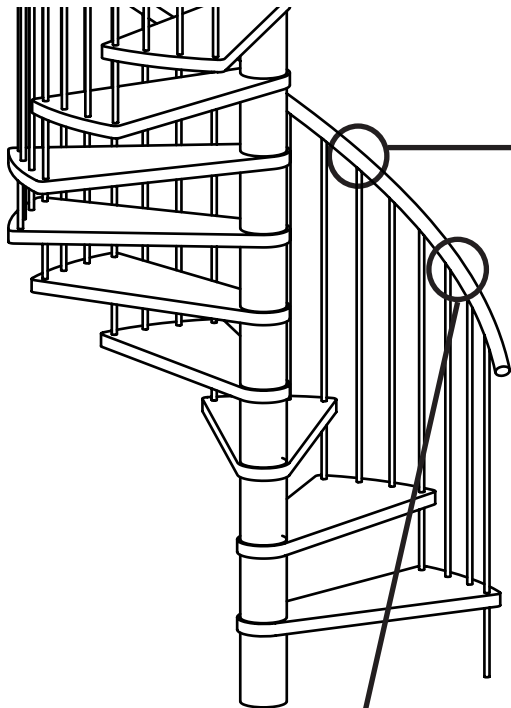


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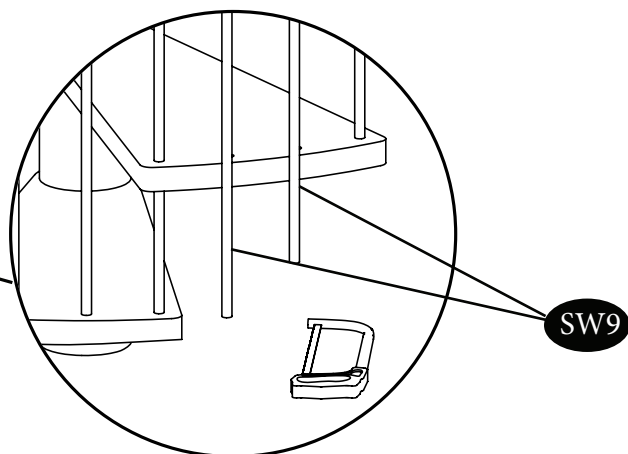
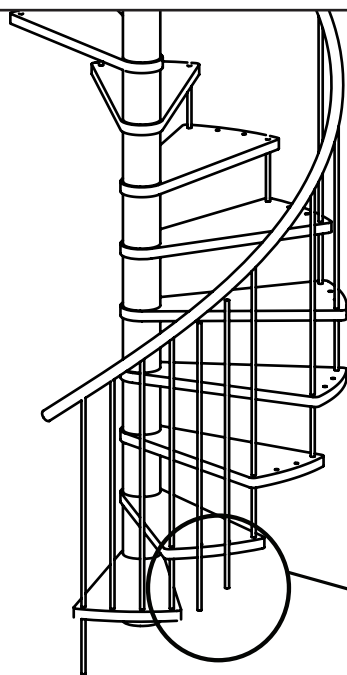
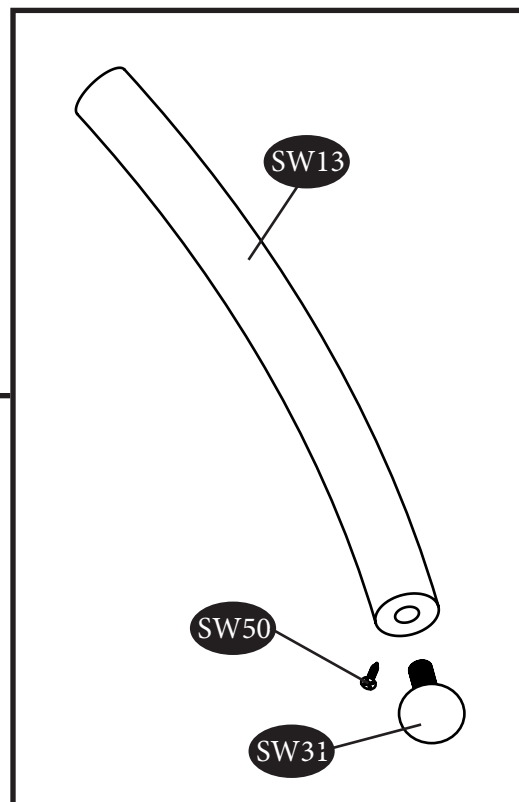
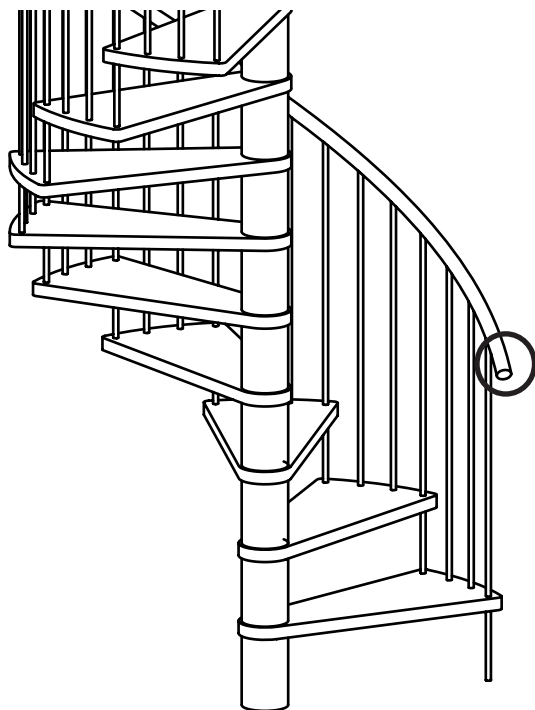


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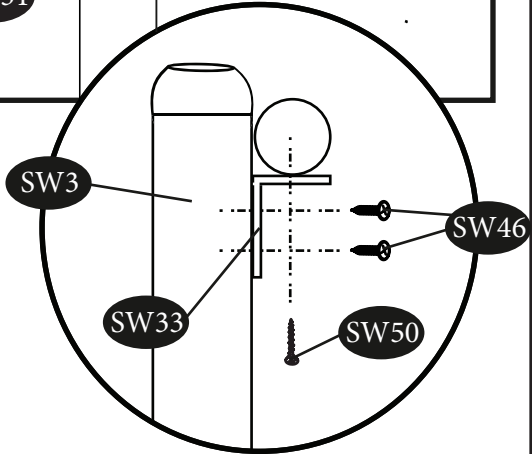
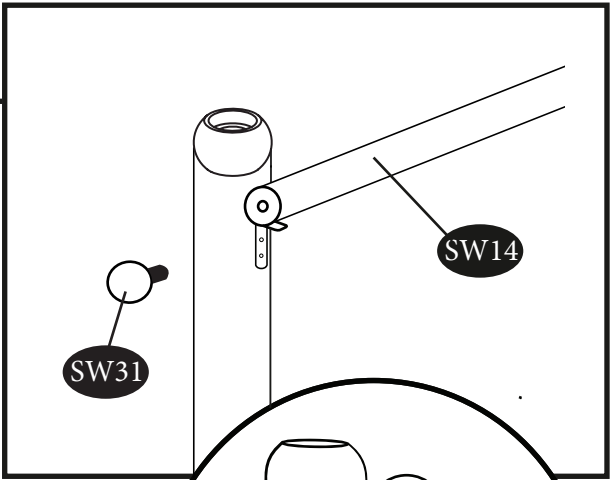
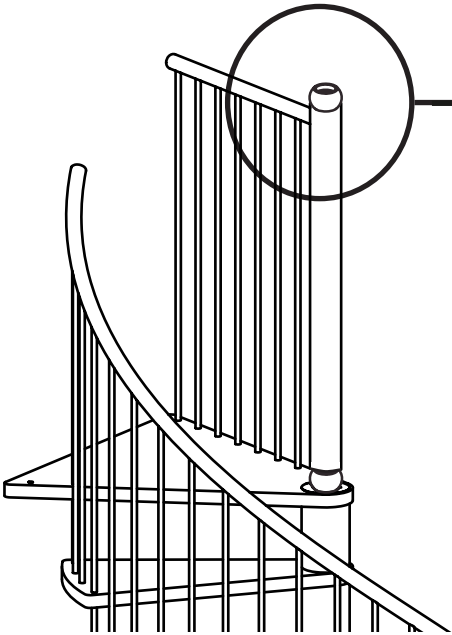
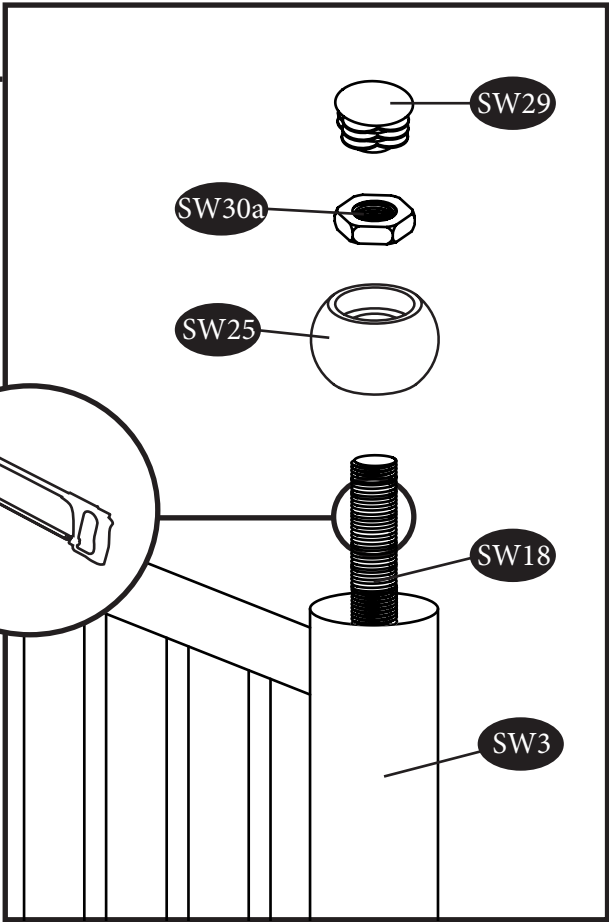
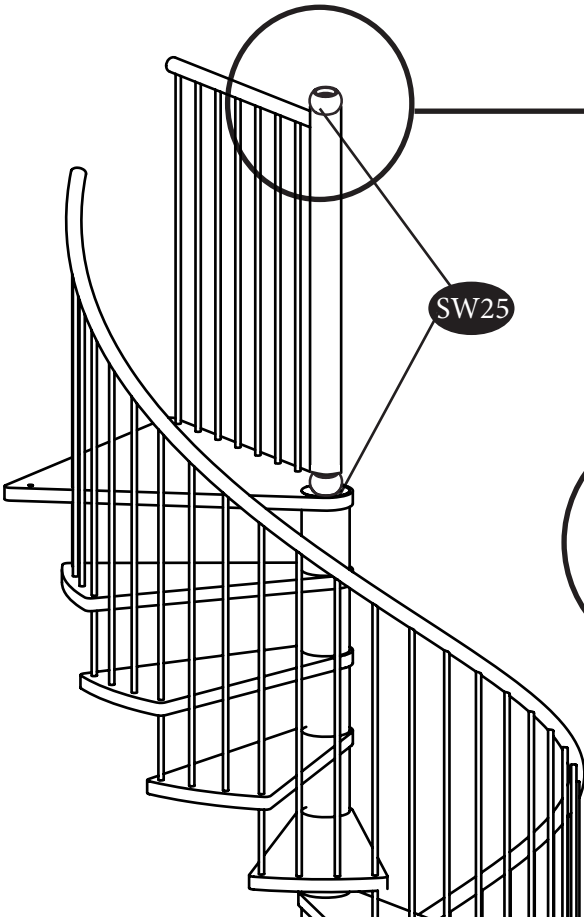
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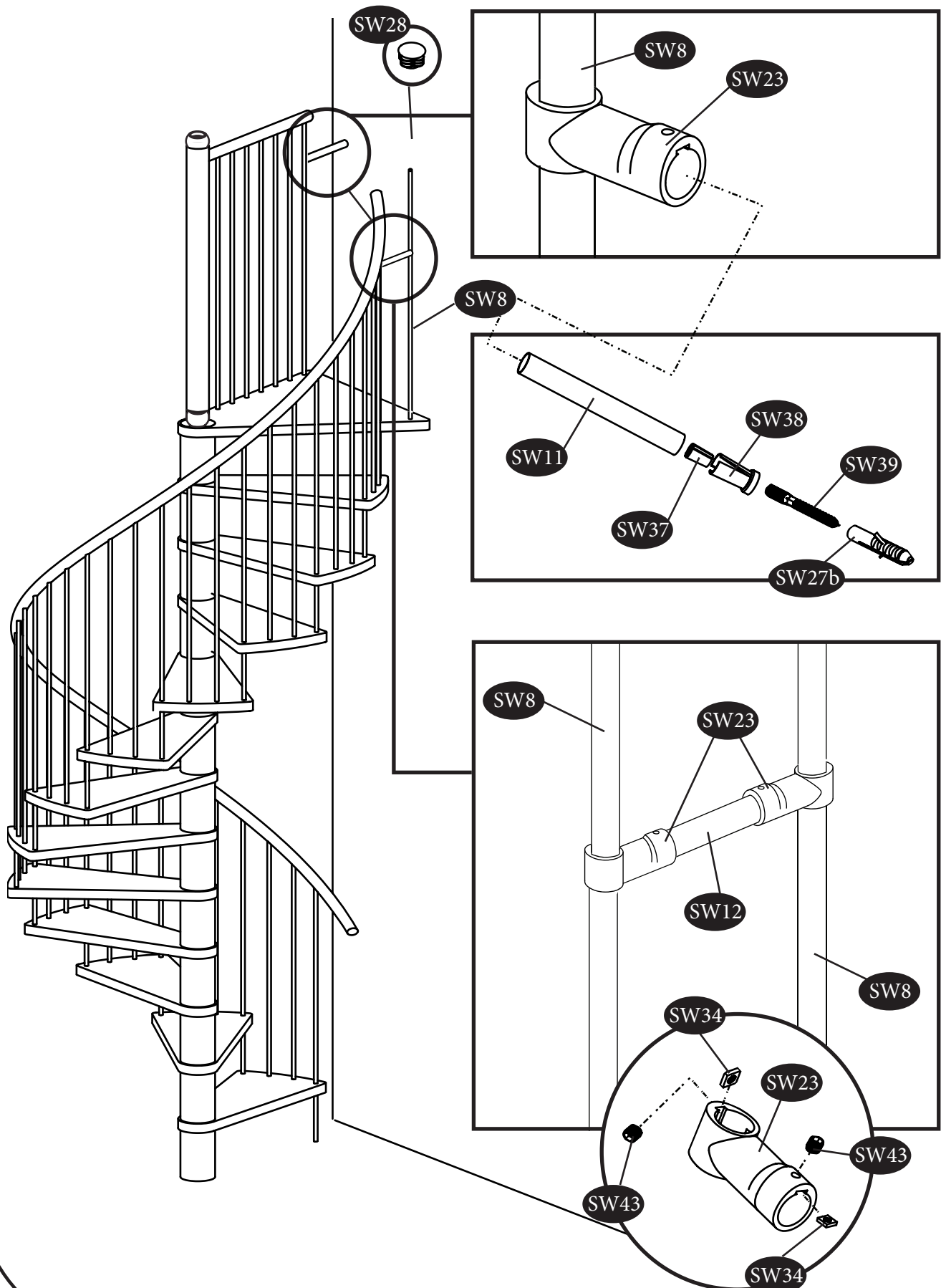
11



12



13





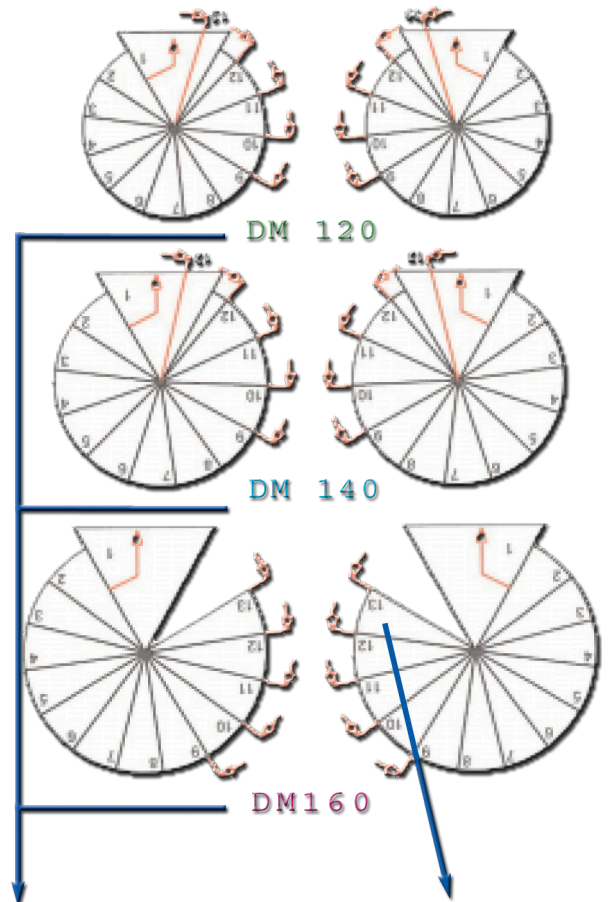
- 3094 mm



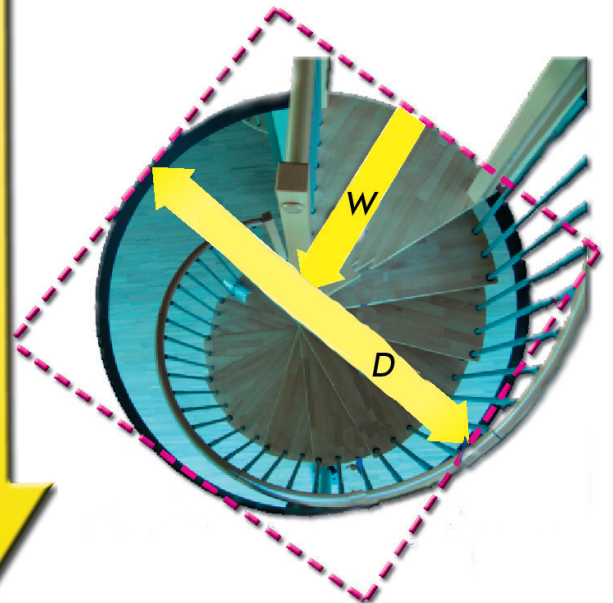
- 220-238mm



- 200 kg



	9	10	11	12	13
120	1980	2200	2420	2640	2860
140	2142	2380	2618	2856	3094
160	232°	258°	284°	310°	336°
	236°	262°	288°	314°	340°
	205°	228°	251°	273°	296°



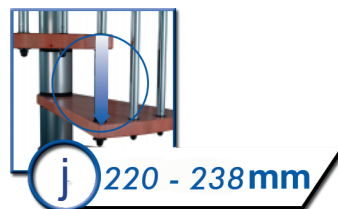
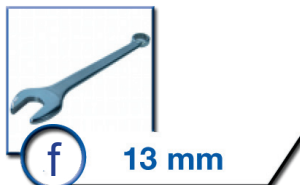
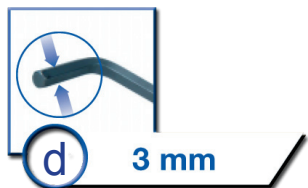
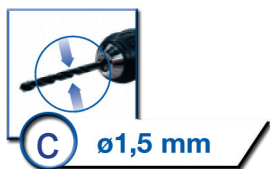
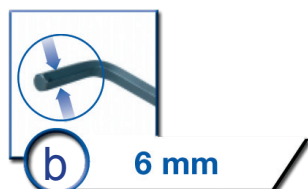
	W	D
120	600-650 mm	>1200 mm
140	700-750 mm	>1400 mm
160	800-850 mm	>1600 mm

 BUCHE 1 x - 932161 1 x - 932162 1 x - 932163	 BUCHE 1 x - 933232 950 x 40 mm
 BUCHE 12 x - 932156 12 x - 932157 12 x - 932158	 2 x - 931884 90 x 90 x 80 x 3 mm
 1 x - 933129 910 x 50 x 1 mm	 1 x - 931883 ø 100 x 3 d21 mm
 1 x - 920924 ø 60,2 x 1050 mm	 1 x - 930707 M20 x 1210 mm
 1 x - 931881 ø 60,2 mm	 1 x - 930654 M20 x 900 mm
 1 x - 920915 ø 51 x 2,6 x 220 mm	 11 x - 933230 15 x 50 mm
 1 x - 931886 ø 51 x 2,6 x 220 mm	 13 x - 933130 M10 x 120 mm
 22 x - 932118 ø 22 x 1 x 840 mm	 1 x - 932143 M20 x 60 mm, DIN 6334
 24 x - 932119 ø 22 x 1 x 1100 mm	 104 x - 930698 ø 127 x 3 mm
 13 x - 931889 ø 127 x 2,9 x 179 mm	 3 x - 930623
 14 x - 933134 ø 22 x 1 x 175 mm	 45 x - 931217
 1 x - 933145 ø 22 x 70 mm	 2 x - 932137 ø 50 mm
 BUCHE 12 x - 933221 12 x - 933222 12 x - 933223	 45 x - 932031



(SW27a)		10 x - 930303 ø 8 mm	(SW38)		74 x - 933127
(SW27b)		1 x - 930687 ø 12 mm	(SW39)		1 x - 930882 M10 x 100 mm
(SW28)		1 x - 930631 ø 22 mm	(SW40)		3 x - 931735 M8 x 55 mm - DIN 933
(SW29)		1 x - 932138 ø 35 mm	(SW41)		6 x - 931879 M8 x 55 mm - DIN 6912
(SW30)		1 x - 930629 M20 - DIN 934	(SW42)		45 x - 932139 M5 x 20 mm - DIN 7991
(SW30a)		1 x - 932145 M20 - DIN 934	(SW43)		6 x - 932141 M6 x 6 mm - DIN 914
(SW31)	 BUCHE	4 x - 933231 M8 - DIN 934	(SW44)		10 x - 932152 ø 6 x 50 mm
(SW32)		45 x - 930231 M5 - DIN 934	(SW45)		10 x - 932153 ø 6 x 30 mm
(SW33)		1 x - 933233 37 x 28 x 12 mm	(SW46)		2 x - 932140 ø 3,9 x 19 mm
(SW34)		6 x - 932142 M6 - DIN 562	(SW47)		140 x - 933131 ø 30 x 3 mm - M10 - DIN 9021A
(SW35)		3 x - 931733 M8 x 55 mm	(SW48)		3 x - 930680 ø 16 - M9 - DIN 125A
(SW36)		45 x - 933039 M10 x 70 mm - DIN 6912	(SW49)		8 x - 933025
(SW37)		74 x - 933128 M10	(SW50)		117 x - 933229 ø 3,5 x 25 mm





$$0 \times \text{SW } 47 = 220 \text{ mm}$$

$$1 \times \text{SW } 47 = 223 \text{ mm}$$

$$2 \times \text{SW } 47 = 226 \text{ mm}$$

$$3 \times \text{SW } 47 = 229 \text{ mm}$$

$$4 \times \text{SW } 47 = 232 \text{ mm}$$

$$5 \times \text{SW } 47 = 235 \text{ mm}$$

$$6 \times \text{SW } 47 = 238 \text{ mm}$$



$$2 \times \text{SW } 22 = 220 \text{ mm}$$

$$3 \times \text{SW } 22 = 223 \text{ mm}$$

$$4 \times \text{SW } 22 = 226 \text{ mm}$$

$$5 \times \text{SW } 22 = 229 \text{ mm}$$

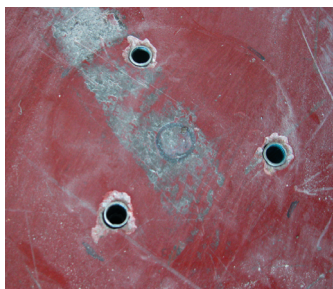
$$6 \times \text{SW } 22 = 232 \text{ mm}$$

$$7 \times \text{SW } 22 = 235 \text{ mm}$$

$$8 \times \text{SW } 22 = 238 \text{ mm}$$



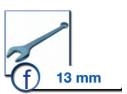
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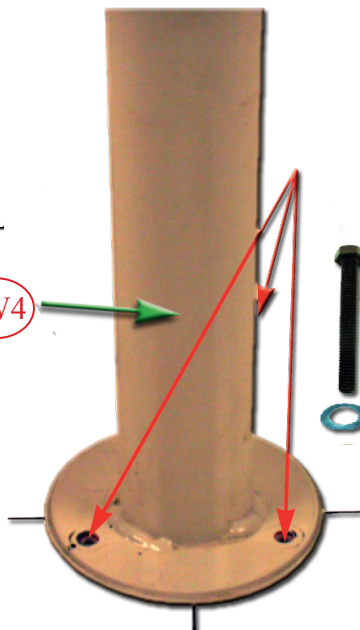
SW35



2



SW4



SW40

SW48



3

SW4

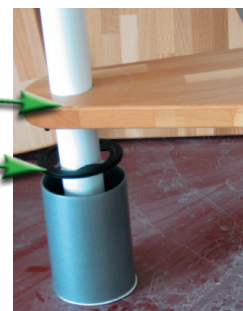


SW10

4

SW2

SW22

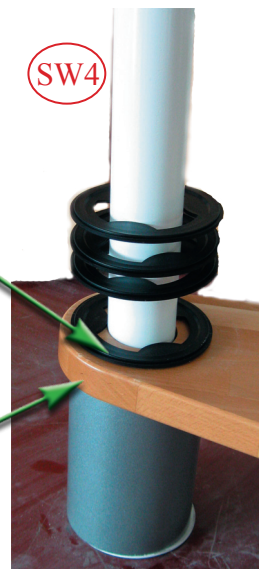


SW22

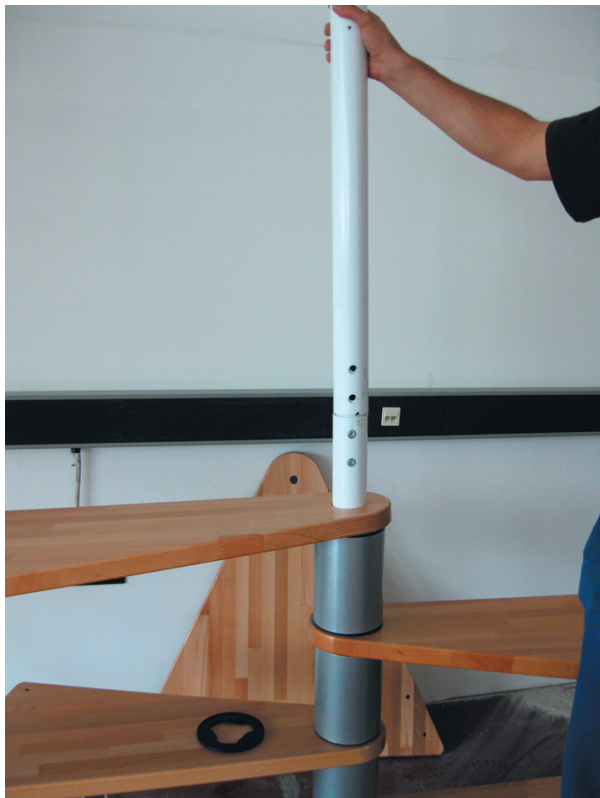
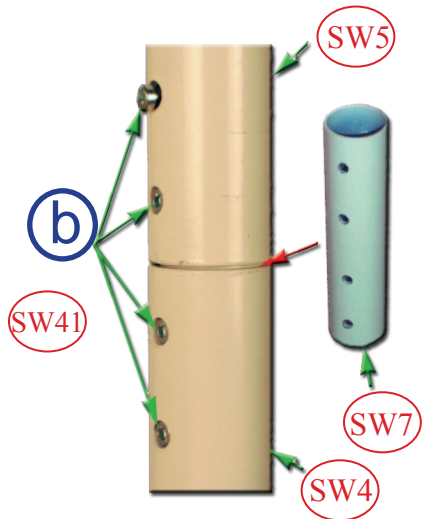
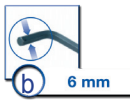
SW4



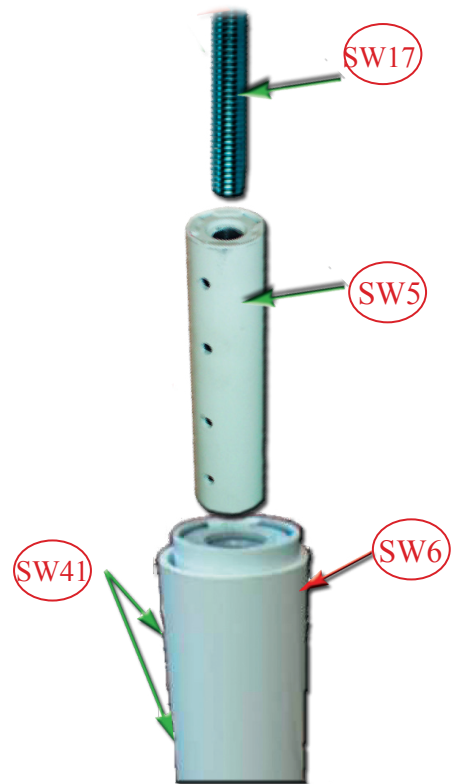
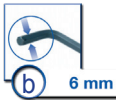
- 2 x SW 22 = 220 mm
- 3 x SW 22 = 223 mm
- 4 x SW 22 = 226 mm
- 5 x SW 22 = 229 mm
- 6 x SW 22 = 232 mm
- 7 x SW 22 = 235 mm
- 8 x SW 22 = 238 mm



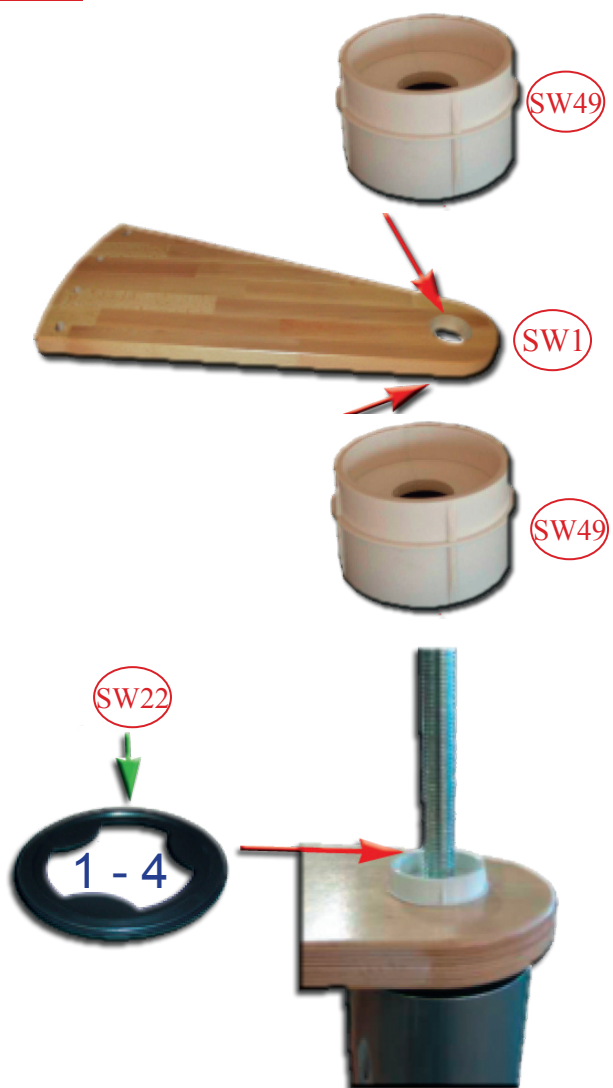
5



6



7



8

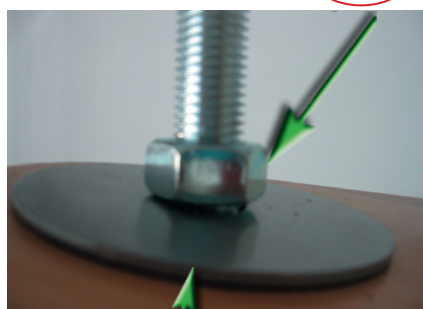
SW16



9



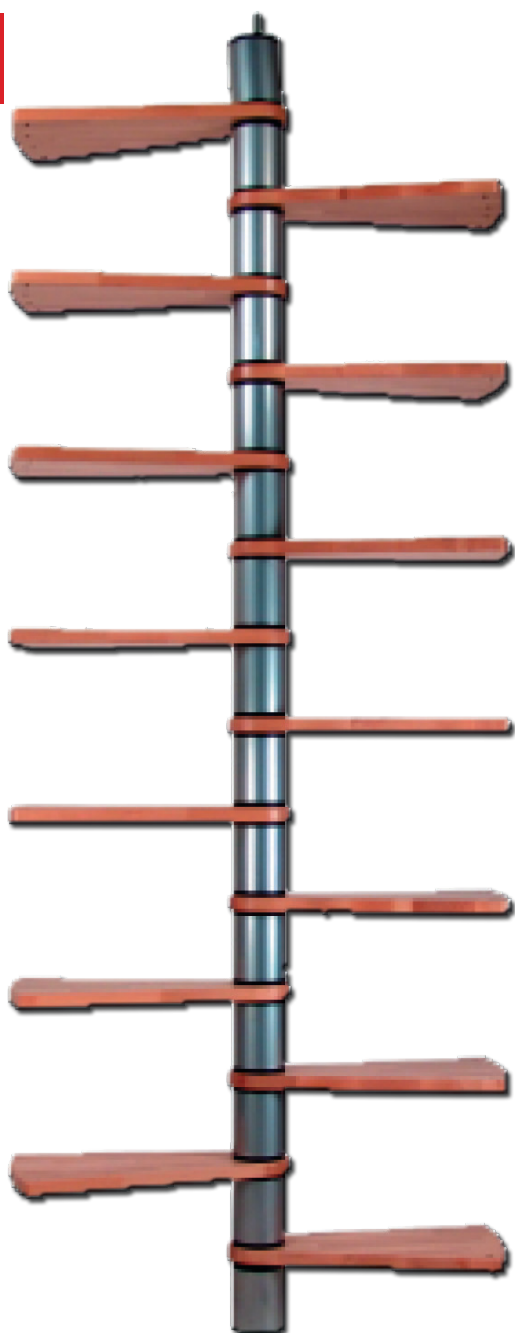
SW30a



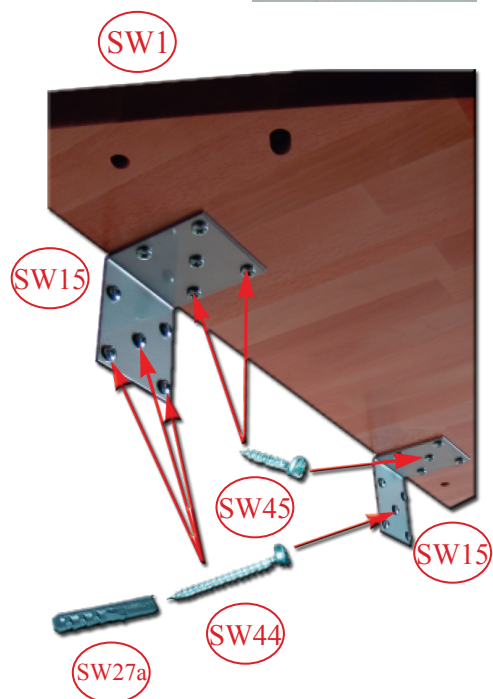
SW16



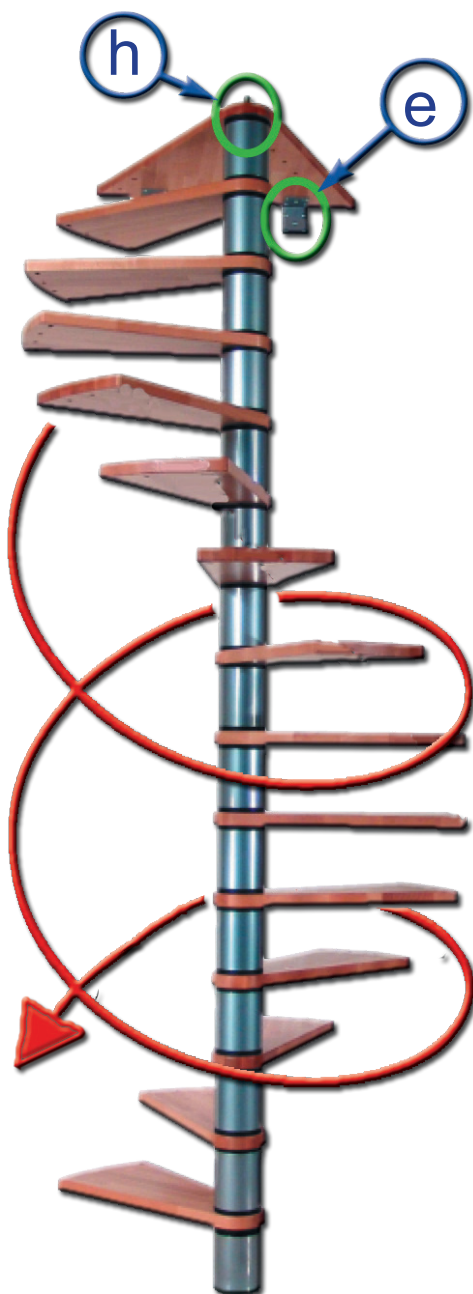
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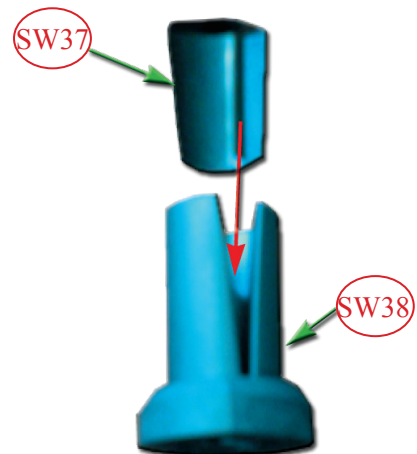
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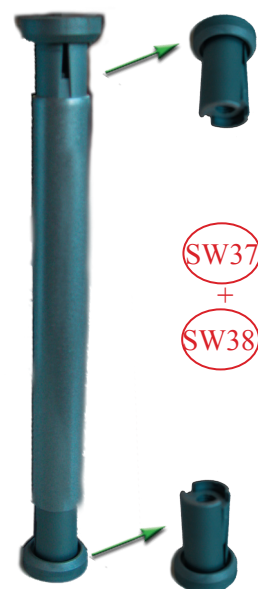
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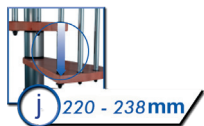
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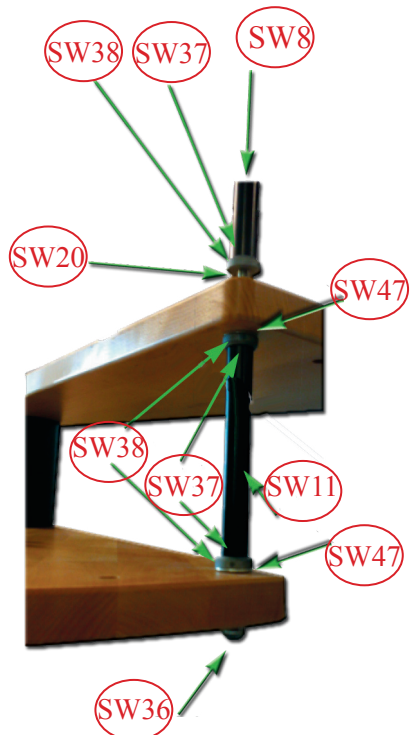
14



15



- 0 x SW 47 = 220 mm
- 1 x SW 47 = 223 mm
- 2 x SW 47 = 226 mm
- 3 x SW 47 = 229 mm
- 4 x SW 47 = 232 mm
- 5 x SW 47 = 235 mm
- 6 x SW 47 = 238 mm



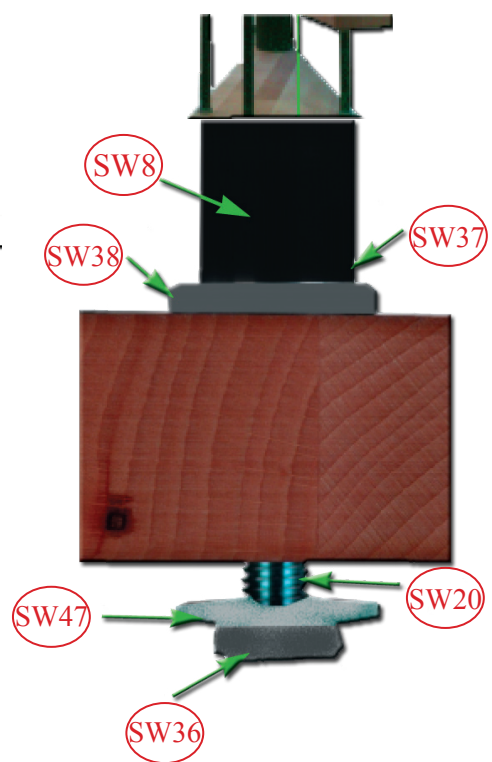
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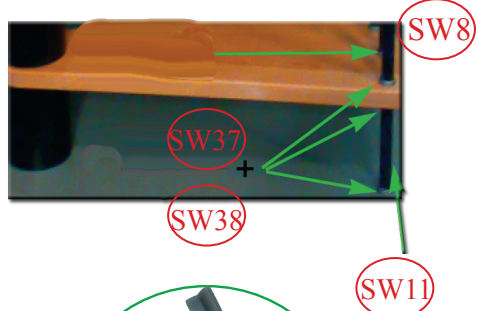
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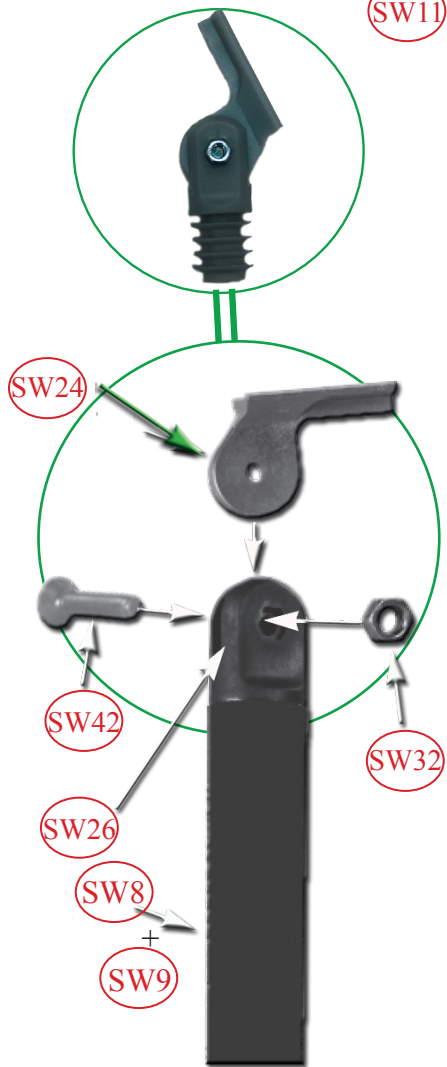
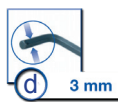
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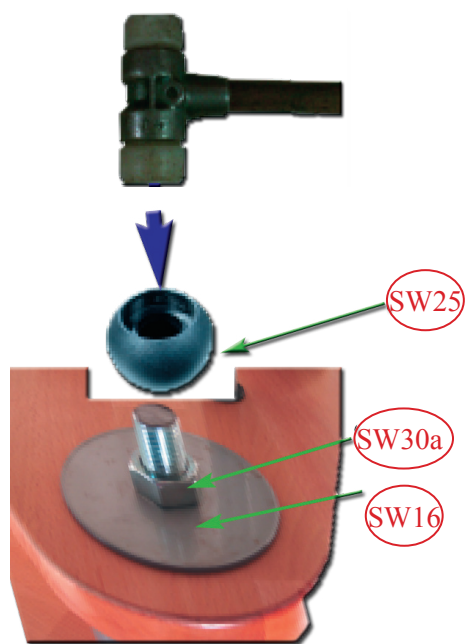
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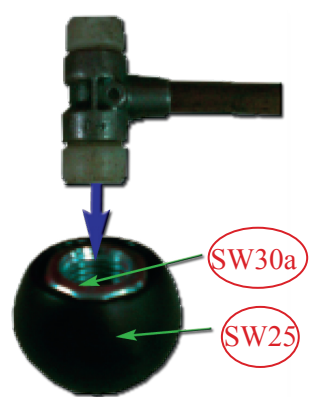
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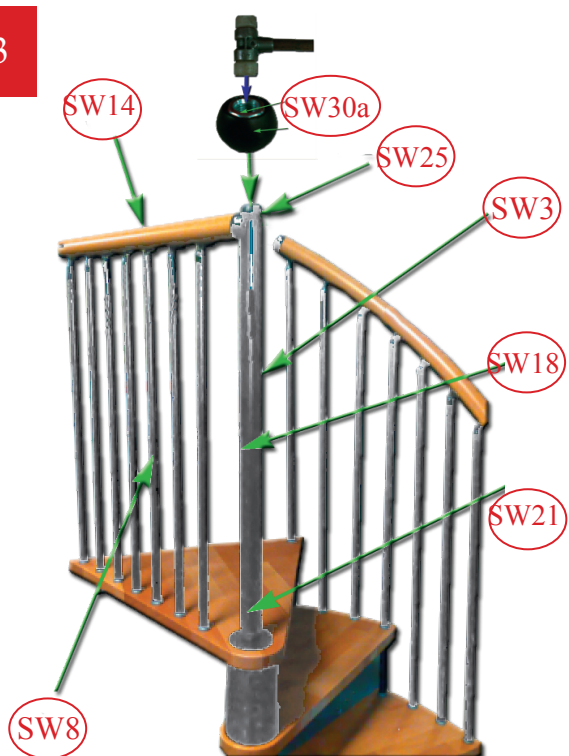
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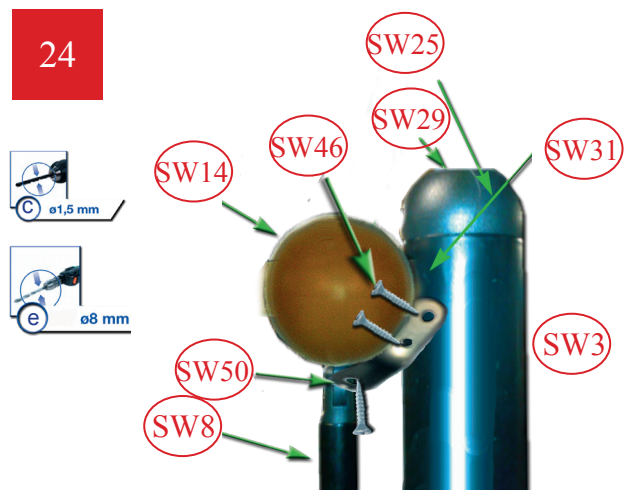
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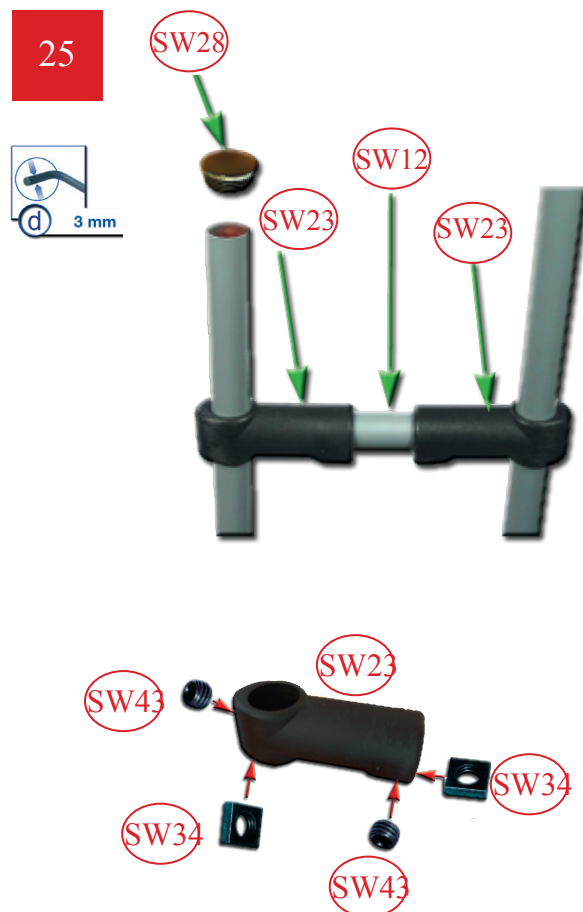
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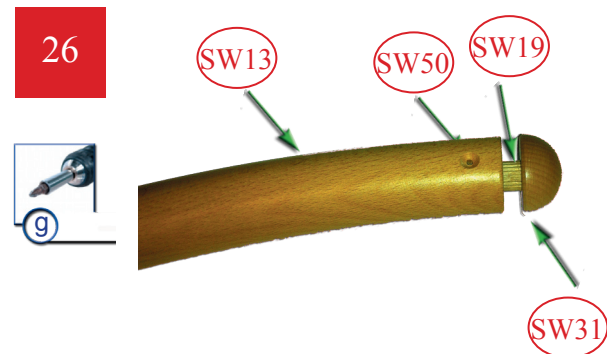
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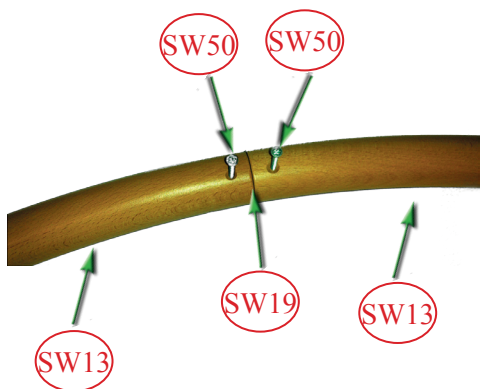
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26



27



28



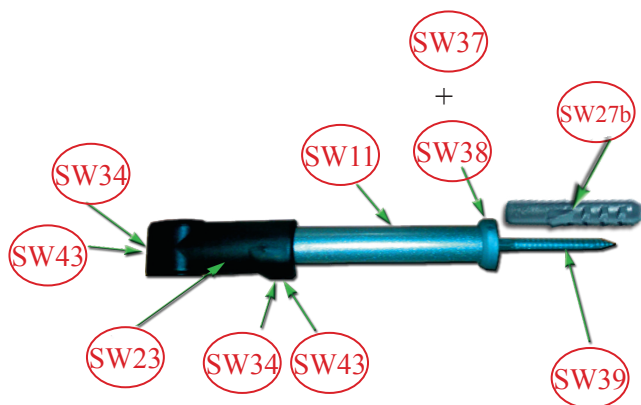
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28



SW27b







**WERK II
Kindberg / Austria
Produktion Raumpartreppen
& Spindeltreppen**

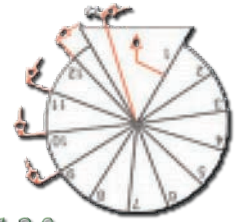




- 3094 mm



DM 120



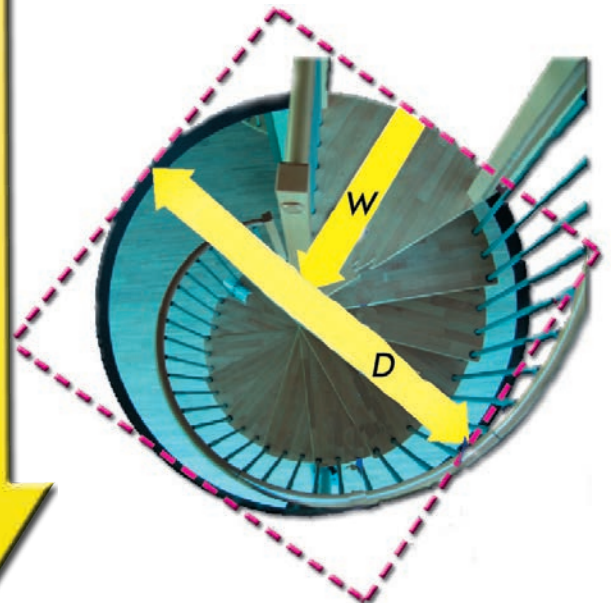
DM 140



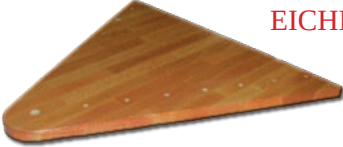
DM 160



	9	10	11	12	13
120	1980	2200	2420	2640	2860
140	2142	2380	2618	2856	3094
160	232°	258°	284°	310°	336°
180	236°	262°	288°	314°	340°
200	205°	228°	251°	273°	296°



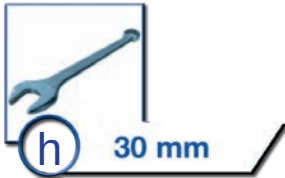
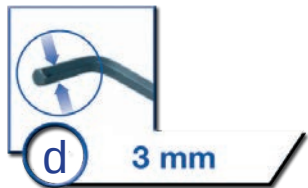
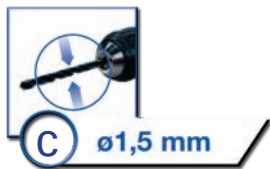
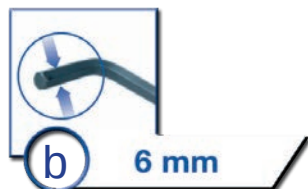
	W	D
120	600-650 mm	>1200 mm
140	700-750 mm	>1400 mm
160	800-850 mm	>1600 mm

 SW1 EICHE 1 x - ?????? 1 x - ?????? 1 x - ??????	 SW14 EICHE 1 x - ?????? 950 x 40 mm
 SW2 EICHE 12 x - ?????? 12 x - ?????? 12 x - ??????	 SW15 2 x - 931884 90 x 90 x 80 x 3 mm
 SW3 1 x - 933129 910 x 50 x 1 mm	 SW16 1 x - 931883 Ø 100 x 3 d21 mm
 SW4 1 x - 920924 Ø 60,2 x 1050 mm	 SW17 1 x - 930707 M20 x 1210 mm
 SW5 1 x - 931881 Ø 60,2 mm	 SW18 1 x - 930654 M20 x 900 mm
 SW6 1 x - 920915 Ø 51 x 2,6 x 220 mm	 SW19 11 x - 933230 15 x 50 mm
 SW7 1 x - 931886 Ø 51 x 2,6 x 220 mm	 SW20 13 x - 933130 M10 x 120 mm
 SW8 22 x - 932118 Ø 22 x 1 x 840 mm	 SW21 1 x - 932143 M20 x 60 mm, DIN 6334
 SW9 24 x - 932119 Ø 22 x 1 x 1100 mm	 SW22 104 x - 930698 Ø 127 x 3 mm
 SW10 13 x - 931889 Ø 127 x 2,9 x 179 mm	 SW23 3 x - 930623
 SW11 14 x - 933134 Ø 22 x 1 x 175 mm	 SW24 45 x - 931217
 SW12 1 x - 933145 Ø 22 x 70 mm	 SW25 2 x - 932137 Ø 50 mm
 SW13 EICHE 12 x - ?????? 12 x - ?????? 12 x - ??????	 SW26 45 x - 932031



SW27a		10 x - 930303 ø 8 mm	SW38		74 x - 933127
SW27b		1 x - 930687 ø 12 mm	SW39		1 x - 930882 M10 x 100 mm
SW28		1 x - 930631 ø 22 mm	SW40		3 x - 931735 M8 x 55 mm - DIN 933
SW29		1 x - 932138 ø 35 mm	SW41		6 x - 931879 M8 x 55 mm - DIN 6912
SW30		1 x - 930629 M20 - DIN 934	SW42		45 x - 932139 M5 x 20 mm - DIN 7991
SW30a		1 x - 932145 M20 - DIN 934	SW43		6 x - 932141 M6 x 6 mm - DIN 914
SW31	 EICHE	4 x - 933255 M8 - DIN 934	SW44		10 x - 932152 ø 6 x 50 mm
SW32		45 x - 930231 M5 - DIN 934	SW45		10 x - 932153 ø 6 x 30 mm
SW33		1 x - 933233 37 x 28 x 12 mm	SW46		2 x - 932140 ø 3,9 x 19 mm
SW34		6 x - 932142 M6 - DIN 562	SW47		140 x - 933131 ø 30 x 3 mm - M10 - DIN 9021A
SW35		3 x - 931733 M8 x 55 mm	SW48		3 x - 930680 ø 16 - M9 - DIN 125A
SW36		45 x - 933039 M10 x 70 mm - DIN 6912	SW49		8 x - 933025
SW37		74 x - 933128 M10			





$$0 \times \text{SW } 47 = 220 \text{ mm}$$

$$1 \times \text{SW } 47 = 223 \text{ mm}$$

$$2 \times \text{SW } 47 = 226 \text{ mm}$$

$$3 \times \text{SW } 47 = 229 \text{ mm}$$

$$4 \times \text{SW } 47 = 232 \text{ mm}$$

$$5 \times \text{SW } 47 = 235 \text{ mm}$$

$$6 \times \text{SW } 47 = 238 \text{ mm}$$



$$2 \times \text{SW } 22 = 220 \text{ mm}$$

$$3 \times \text{SW } 22 = 223 \text{ mm}$$

$$4 \times \text{SW } 22 = 226 \text{ mm}$$

$$5 \times \text{SW } 22 = 229 \text{ mm}$$

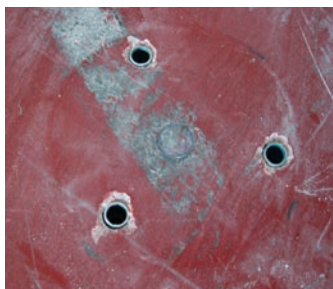
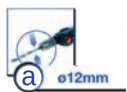
$$6 \times \text{SW } 22 = 232 \text{ mm}$$

$$7 \times \text{SW } 22 = 235 \text{ mm}$$

$$8 \times \text{SW } 22 = 238 \text{ mm}$$



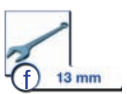
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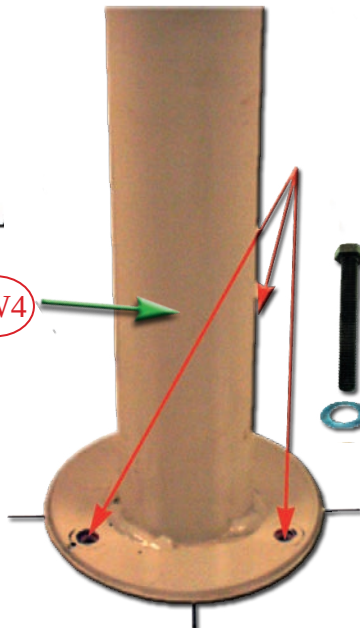
SW35



2



SW4



SW40

SW48



3

SW4

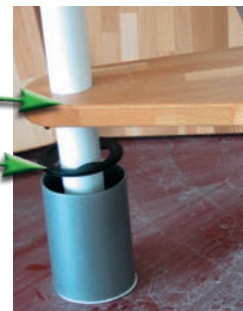


SW10

4

SW2

SW22

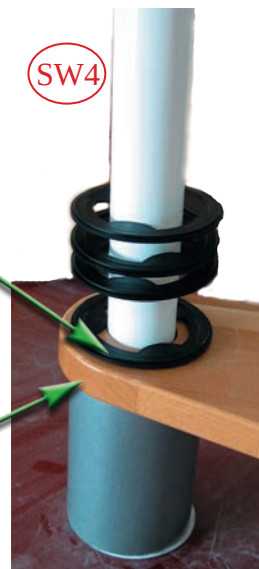


SW22

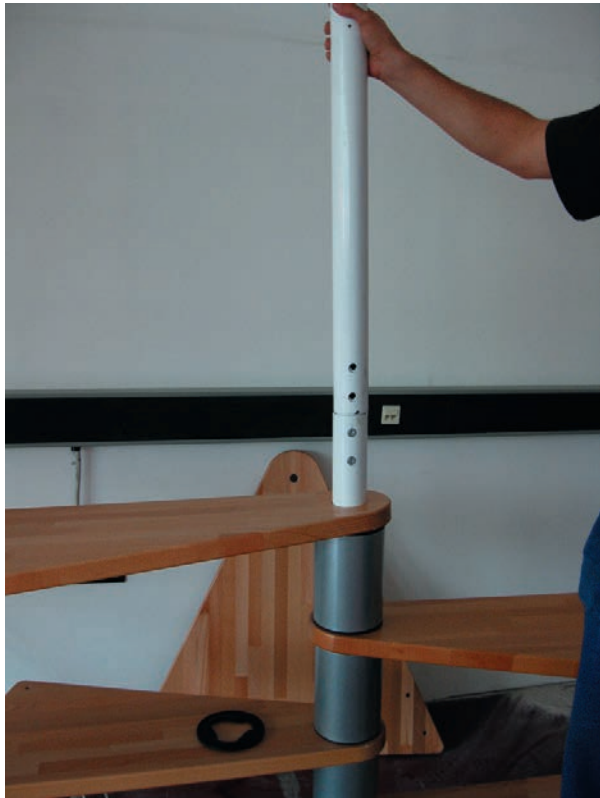
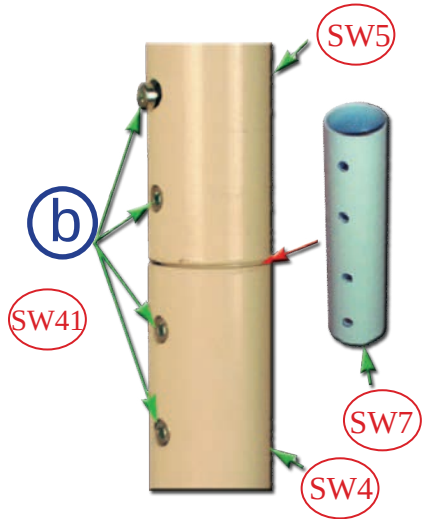
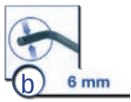
SW4



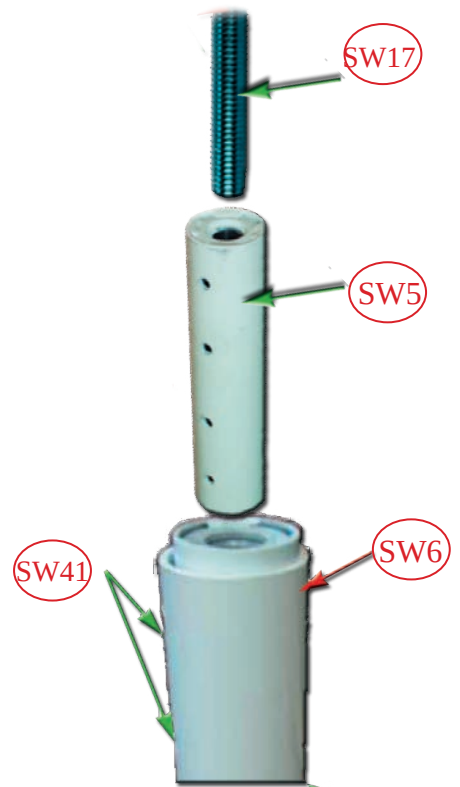
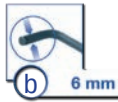
- 2 x SW 22 = 220 mm
- 3 x SW 22 = 223 mm
- 4 x SW 22 = 226 mm
- 5 x SW 22 = 229 mm
- 6 x SW 22 = 232 mm
- 7 x SW 22 = 235 mm
- 8 x SW 22 = 238 mm



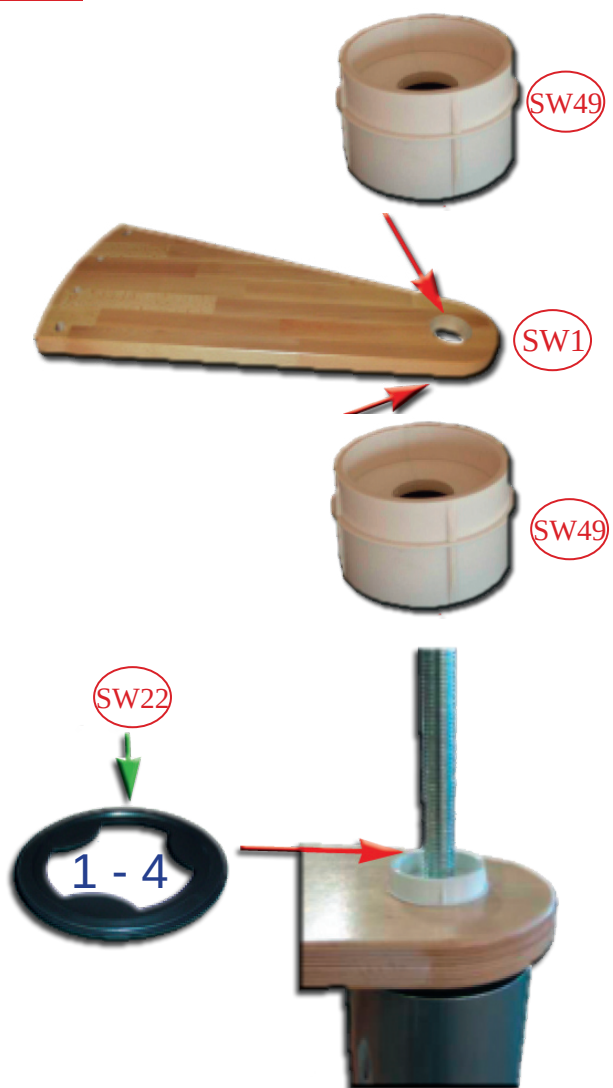
5



6



7



8

SW16



9



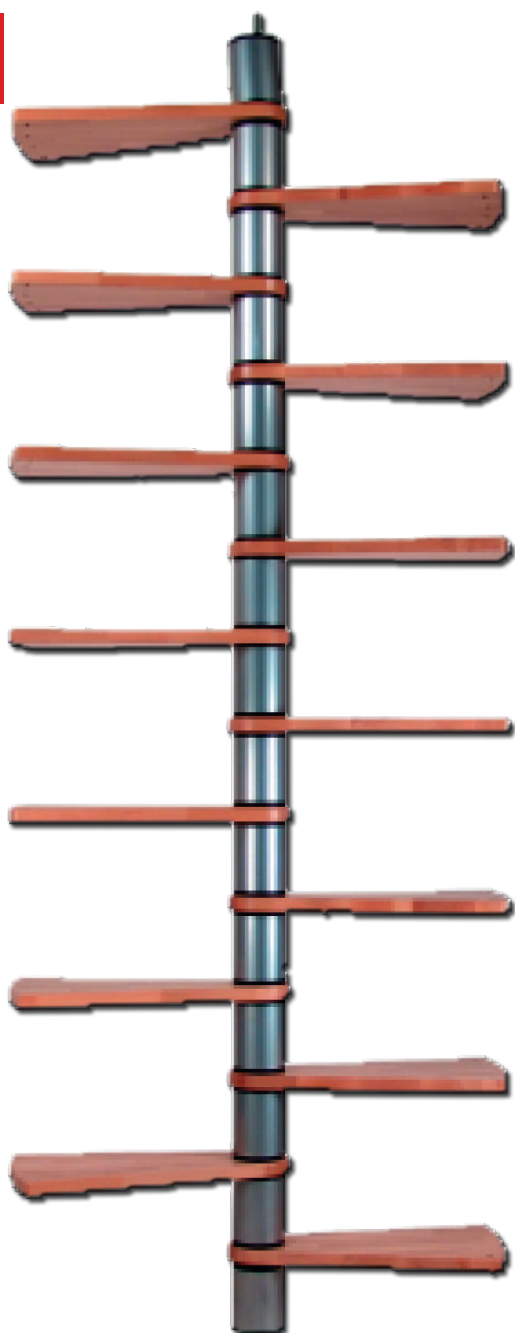
SW30a



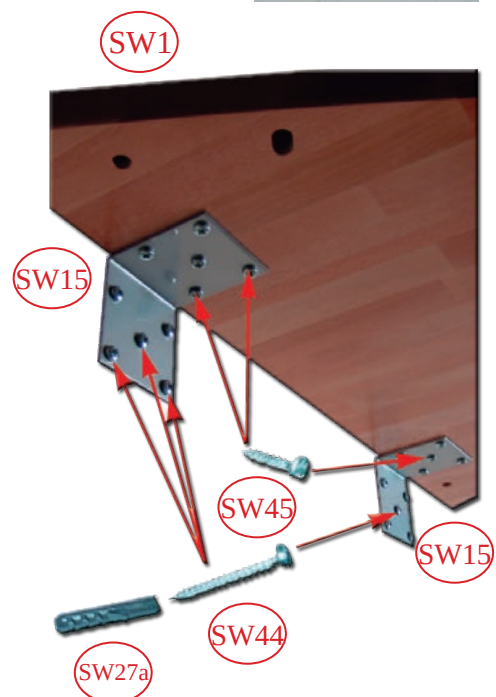
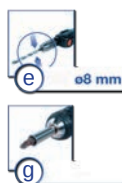
SW16



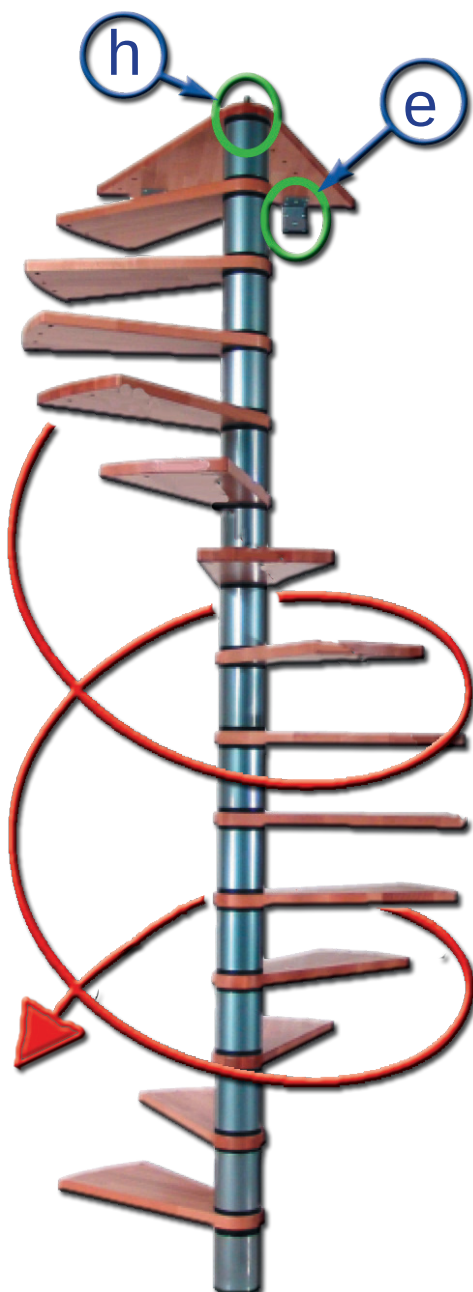
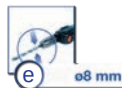
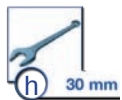
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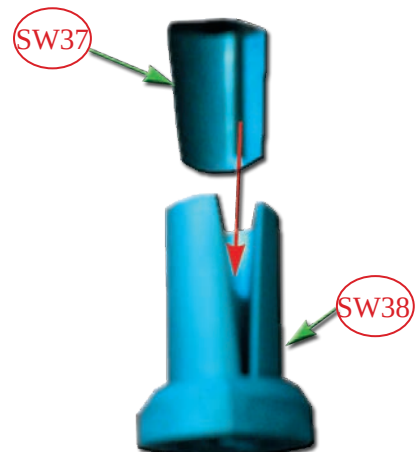
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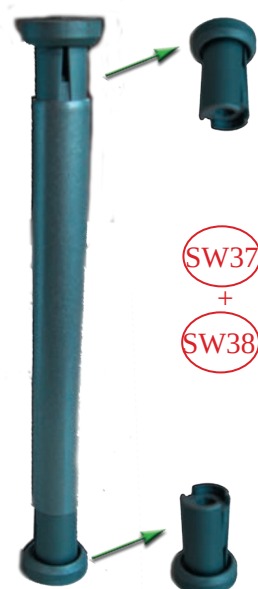
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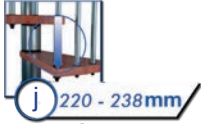
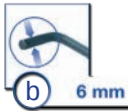
13



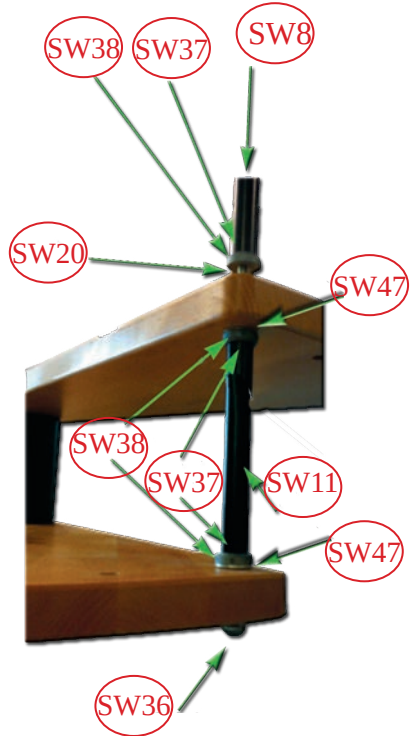
14



15



- 0 x SW 47 = 220 mm
- 1 x SW 47 = 223 mm
- 2 x SW 47 = 226 mm
- 3 x SW 47 = 229 mm
- 4 x SW 47 = 232 mm
- 5 x SW 47 = 235 mm
- 6 x SW 47 = 238 mm



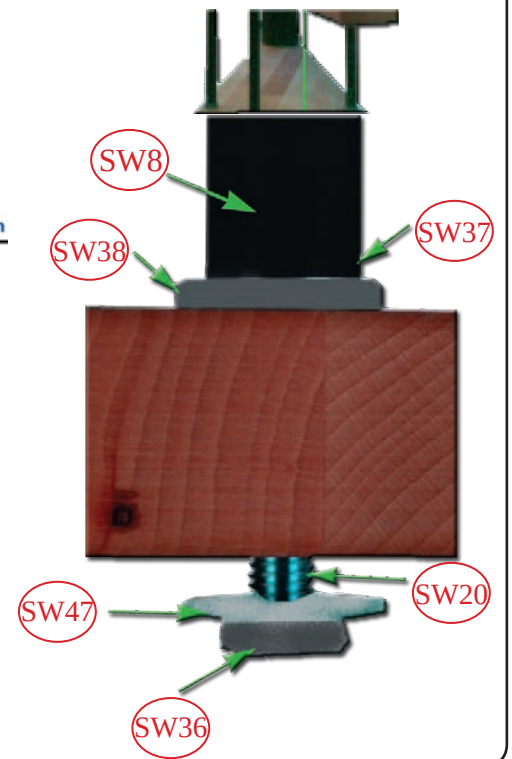
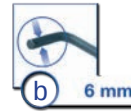
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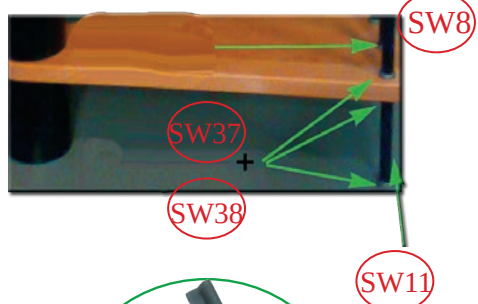
17



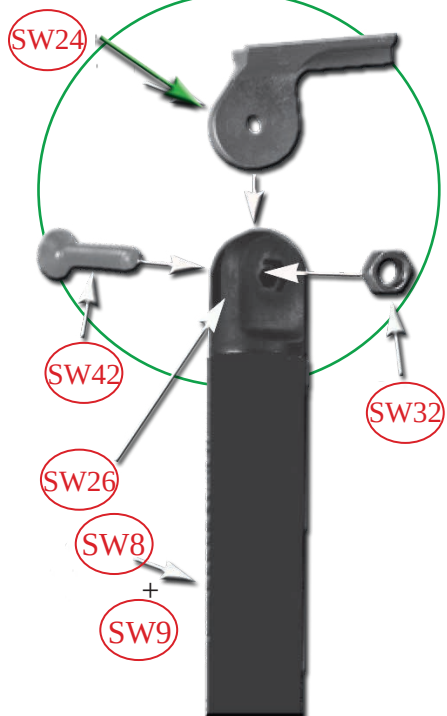
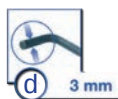
18



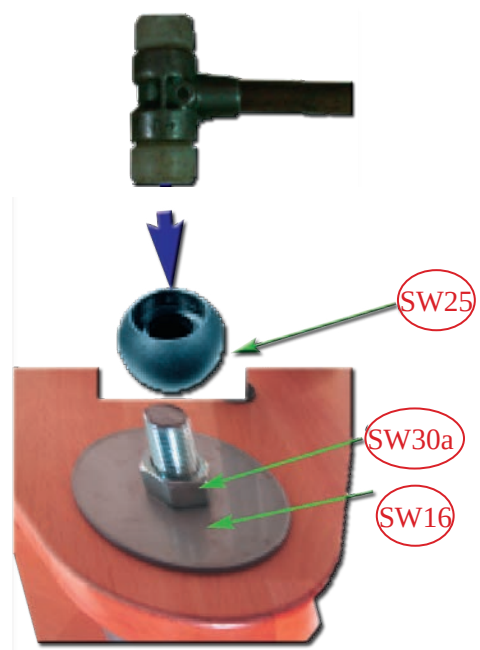
19



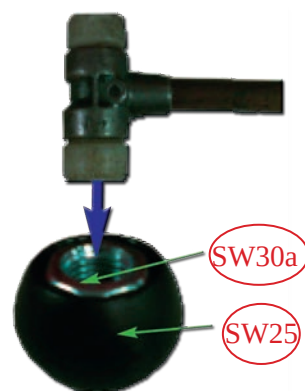
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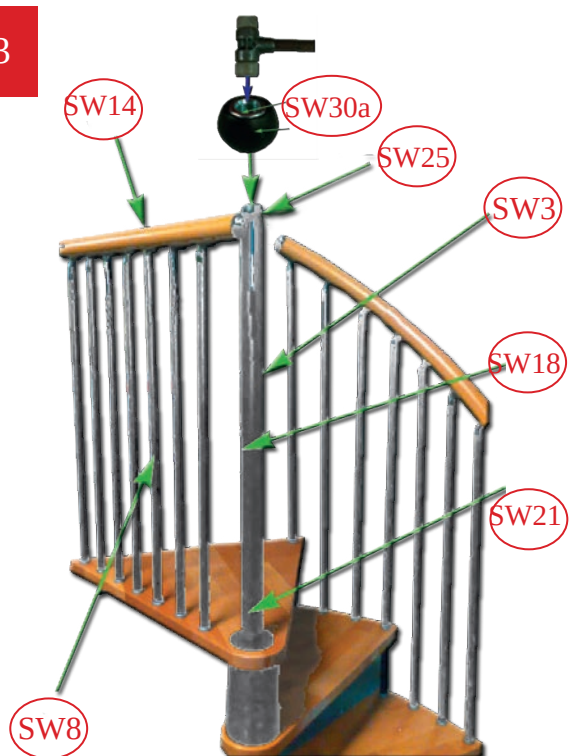
21



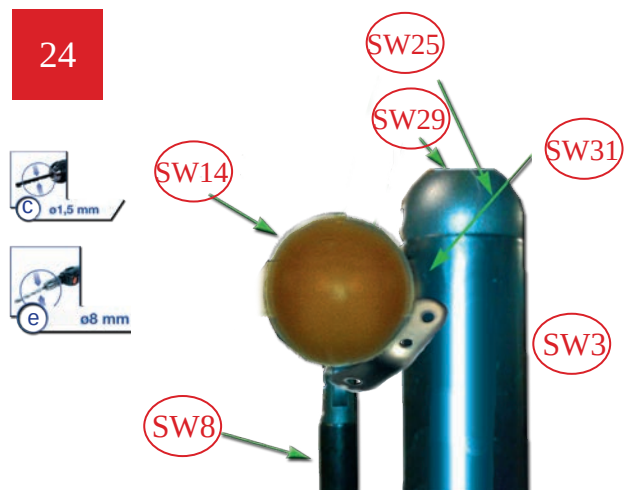
22



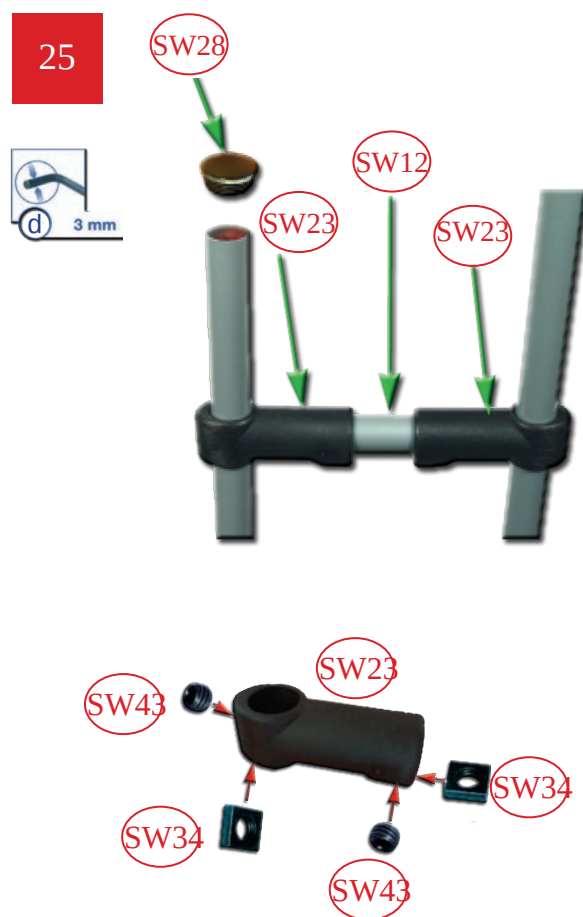
23



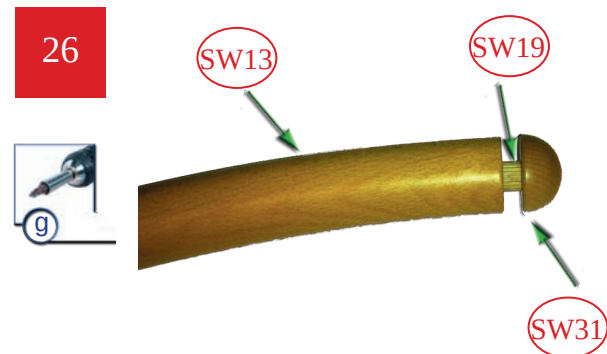
24



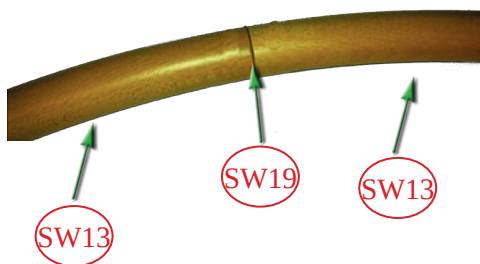
25



26



27



28



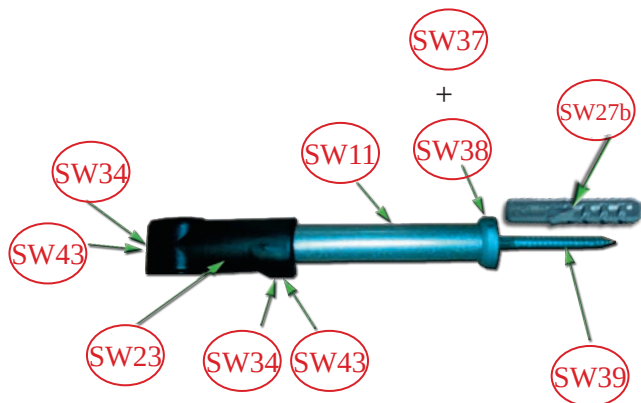
29



28



SW27b







**WERK II
Kindberg / Austria
Produktion Raumpartreppen
& Spindeltreppen**

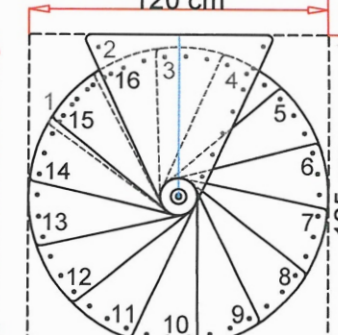
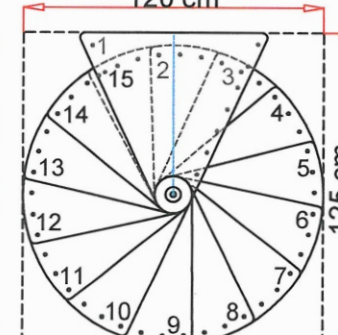
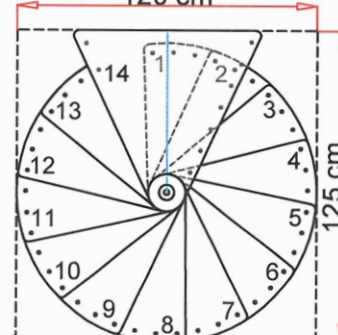
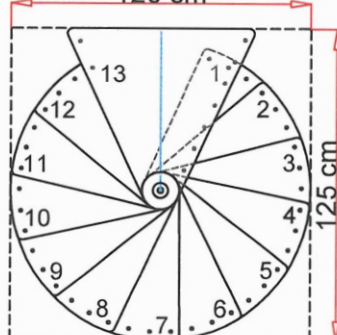
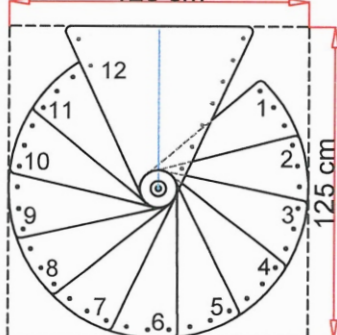
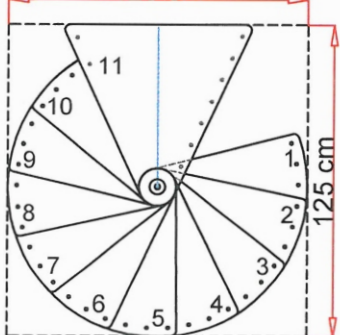
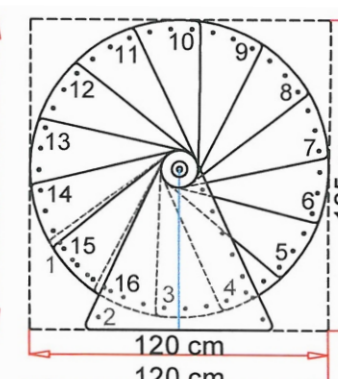
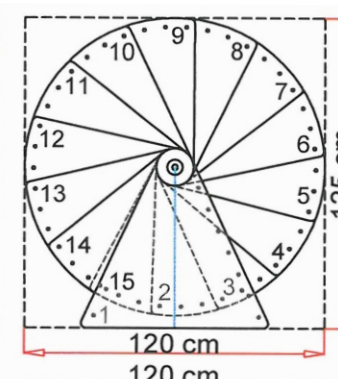
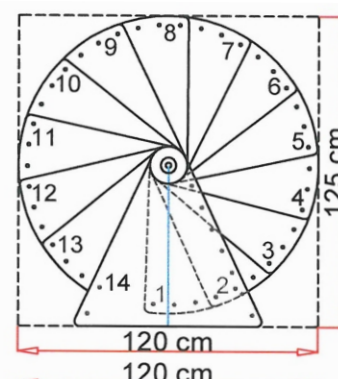
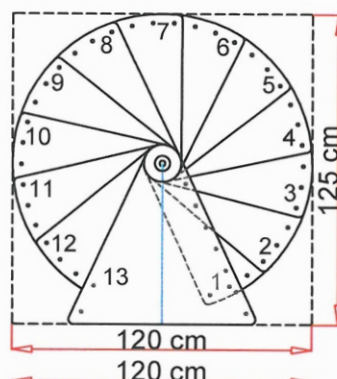
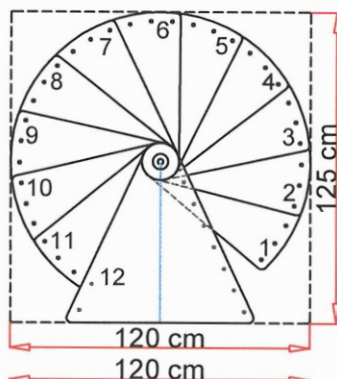
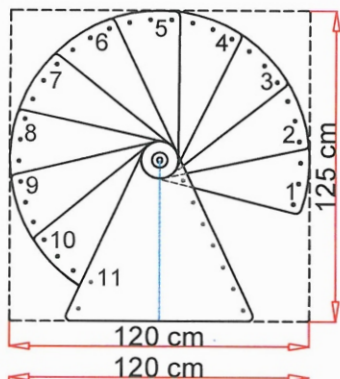


Spiral 120

Gültig
von: 07.09.2010
Bis:



11	12	13	14	15	16
2420	2640	2860	3080	3300	3520
-	-	-	-	-	-
2618	2856	3094	3332	3570	3808
284°	310°	336°	362°	388°	414°



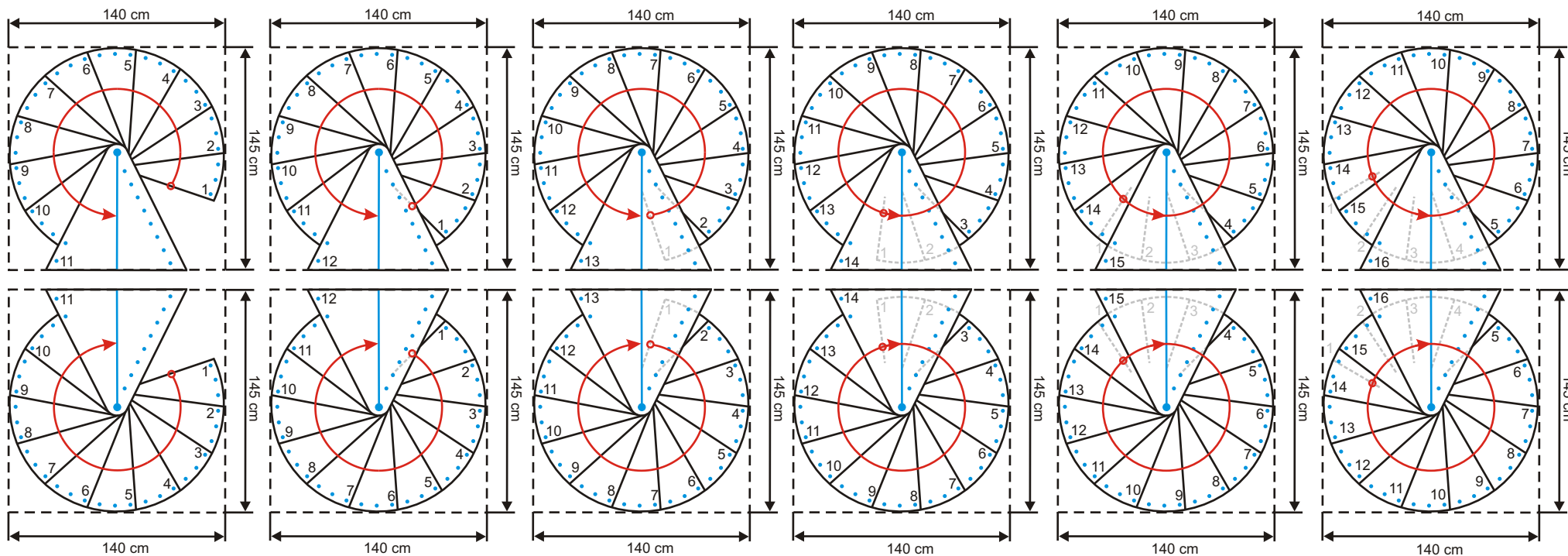


Managementssystem

Spiral 140



11	12	13	14	15	16
2420	2640	2860	3080	3300	3520
-	-	-	-	-	-
2618	2856	3094	3332	3570	3808
288°	314°	340°	366°	393°	419°





Managementsystem

Spiral 160

Gültig
von: 07.09.2010
Bis:



11	12	13	14	15	16
2420	2640	2860	3080	3300	3520
-	-	-	-	-	-
2618	2856	3094	3332	3570	3808
251°	273°	296°	319°	341°	364°

