МОНТАЖ

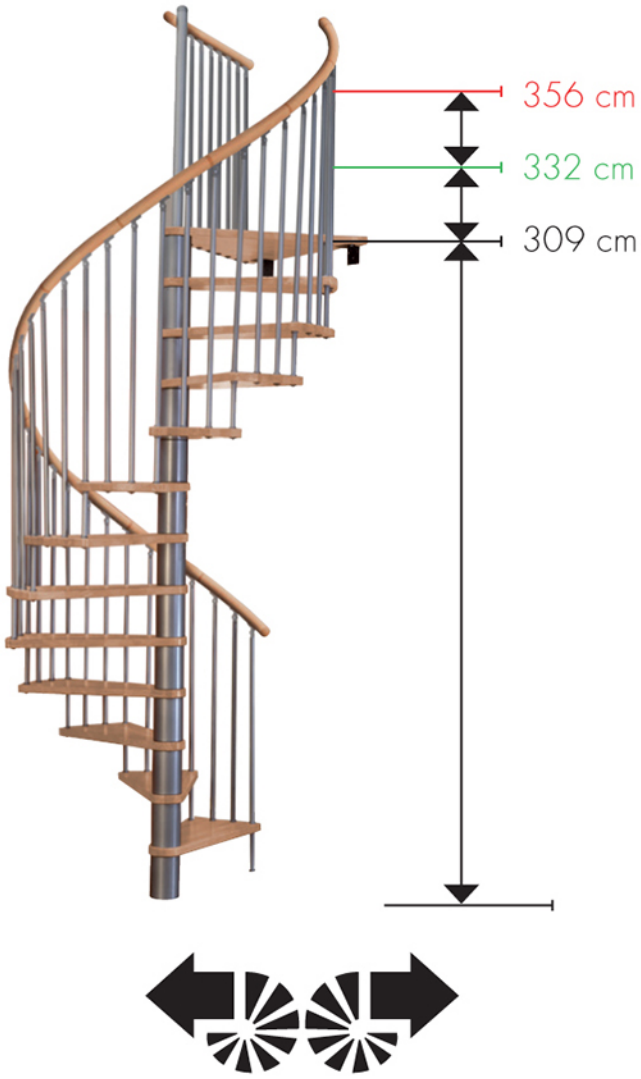
SPIRAL WOOD

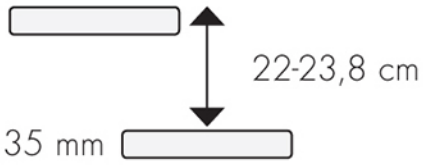
SW

BLACK

minka.com.ua

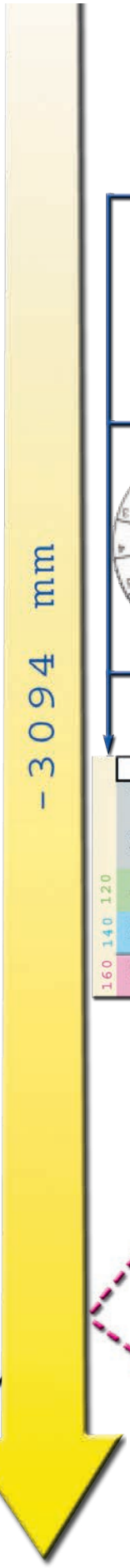
SPIRAL WOOD
BLACK



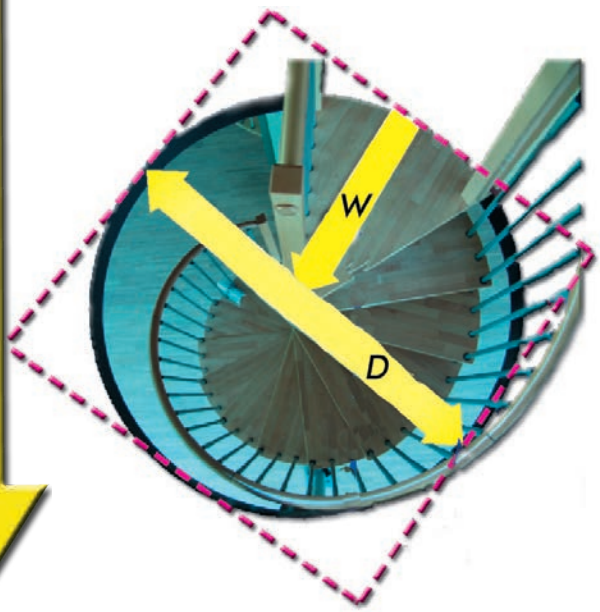


minka
DIE TREPPE

minka.com.ua



	9	10	11	12	13
120	1980 - 2142	2200 - 2380	2420 - 2618	2640 - 2856	2860 - 3094
140	232°	258°	284°	310°	336°
160	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

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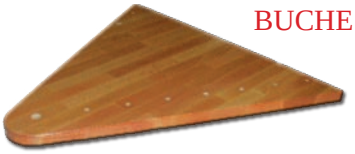
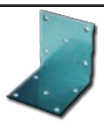
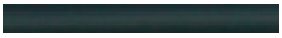
SW1		BUCHE 1 x - ????? 1 x - ????? 1 x - ?????	SW14		BUCHE 1 x - 933232 950 x 40 mm
SW2		BUCHE 12 x - ?????? 12 x - ????? 12 x - ?????	SW15		2 x - 931884 90 x 90 x 80 x 3 mm
SW3		1 x - 933129 910 x 50 x 1 mm	SW16		1 x - 931883 ø 100 x 3 d21 mm
SW4		1 x - 920924 ø 60,2 x 1050 mm	SW17		1 x - 930707 M20 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		BUCHE 12 x - 933221 12 x - 933222 12 x - 933223	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		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

a ø12mm

b 6 mm

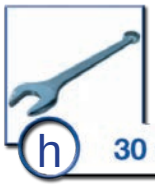
c ø1,5 mm

d 3 mm

e ø8 mm

f 13 mm

g



h 30 mm

i

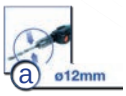
j 220 - 238 mm

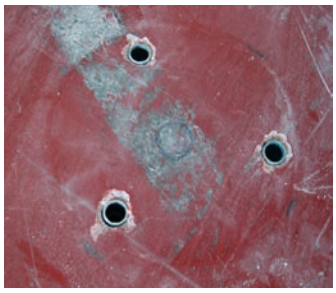
0 x SW 47 = 220 mm
1 x SW 47 = 223 mm
2 x SW 47 = 226 mm
3 x SW 47 = 229 mm
4 x SW 47 = 232 mm
5 x SW 47 = 235 mm
6 x SW 47 = 238 mm

k 220 -238 mm

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

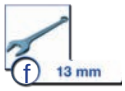
1

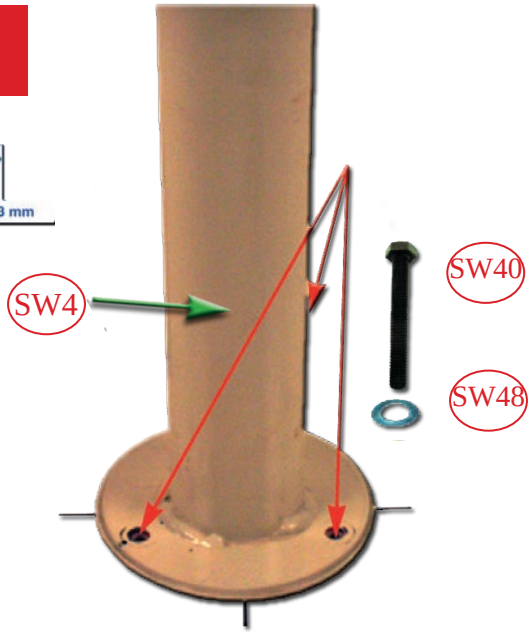

ø12mm

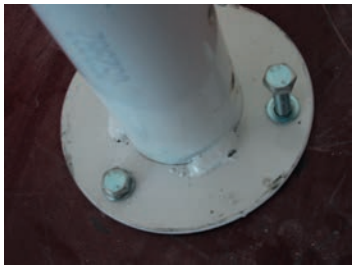


SW35

2


13 mm


SW4
SW40
SW48



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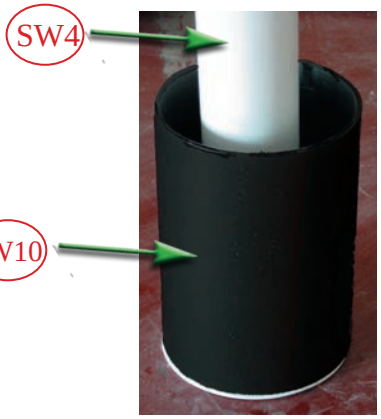
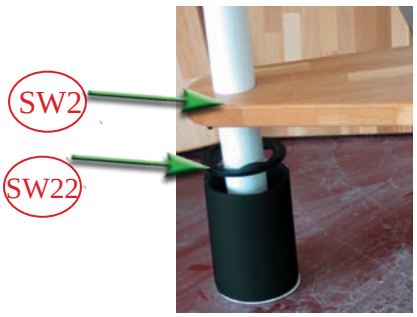
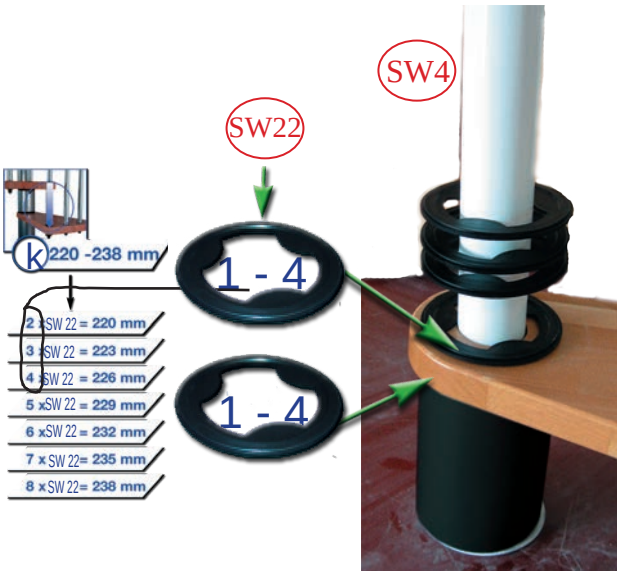
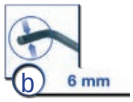

SW4
SW10

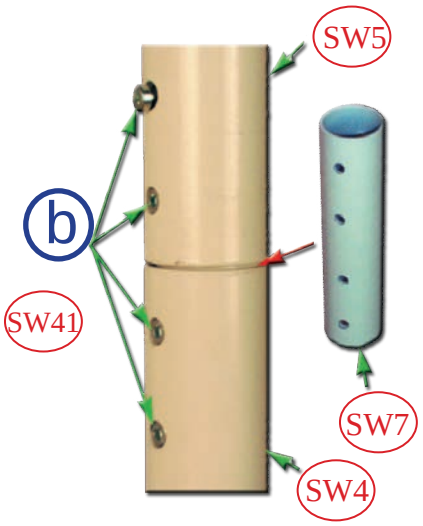
4

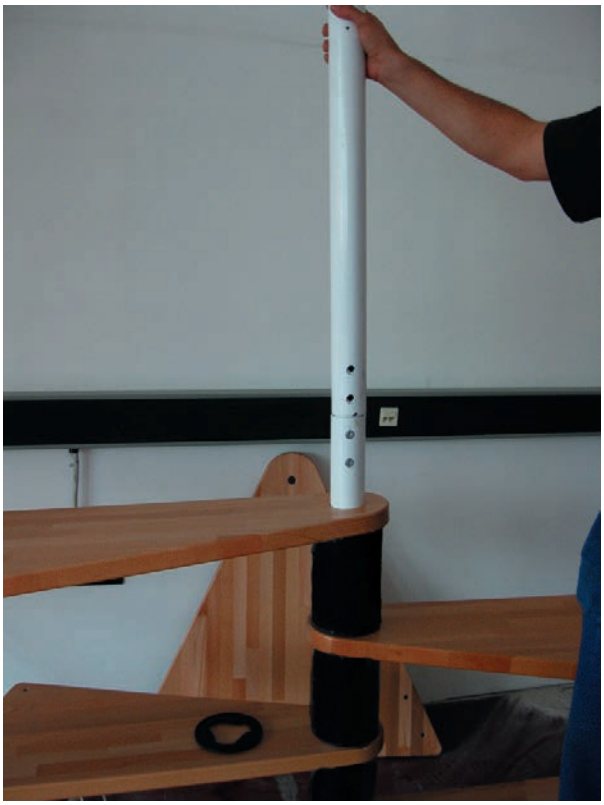

SW2
SW22


SW4
SW22
k 220 -238 mm
1 - 4
1 - 4
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







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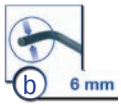

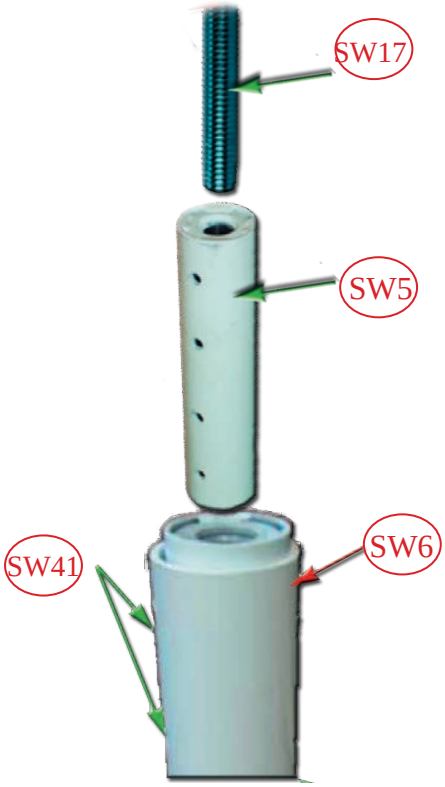

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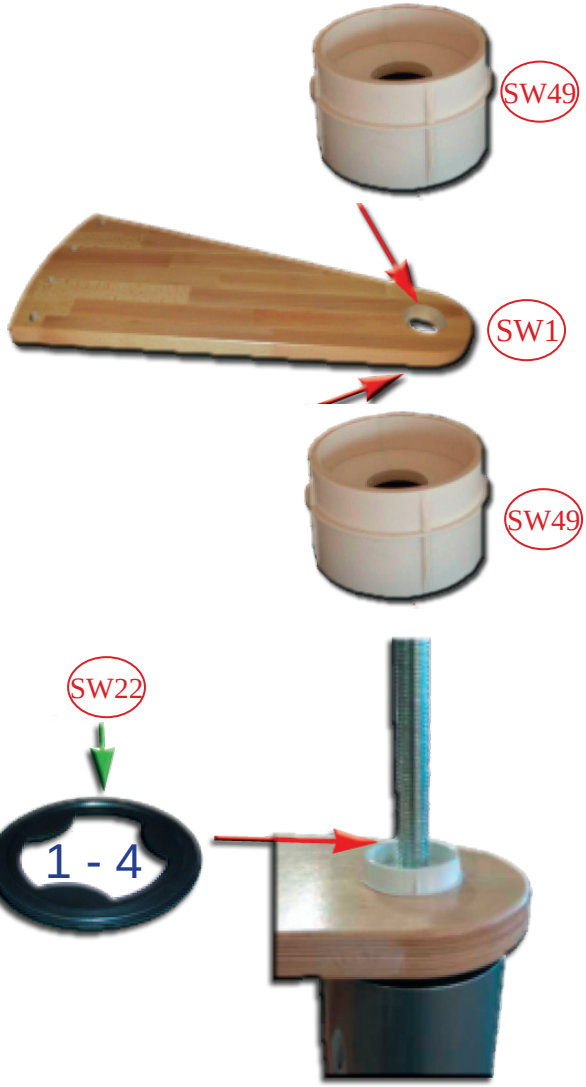
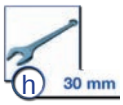
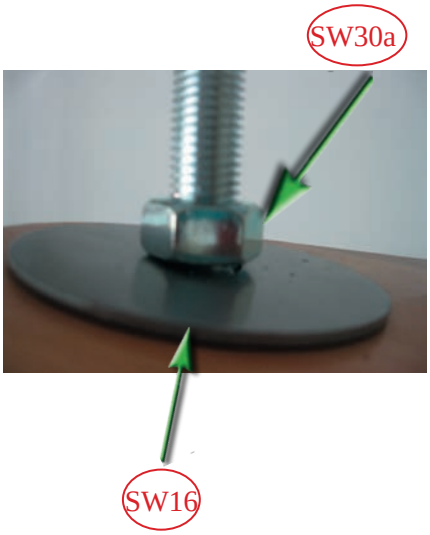


8

9





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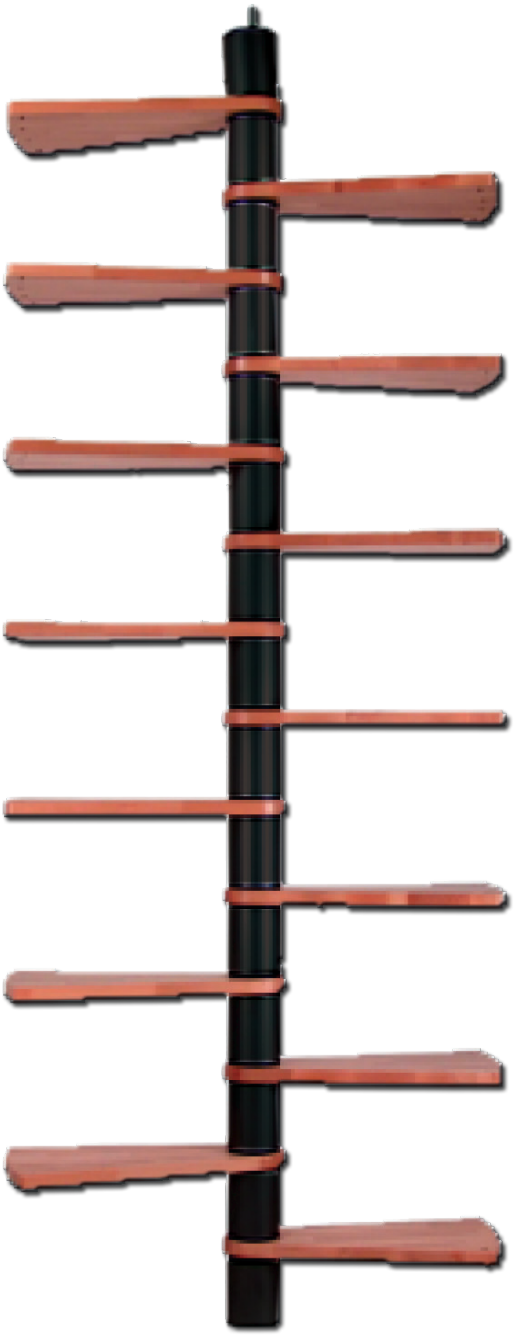
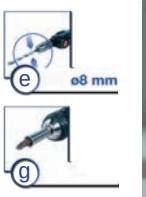
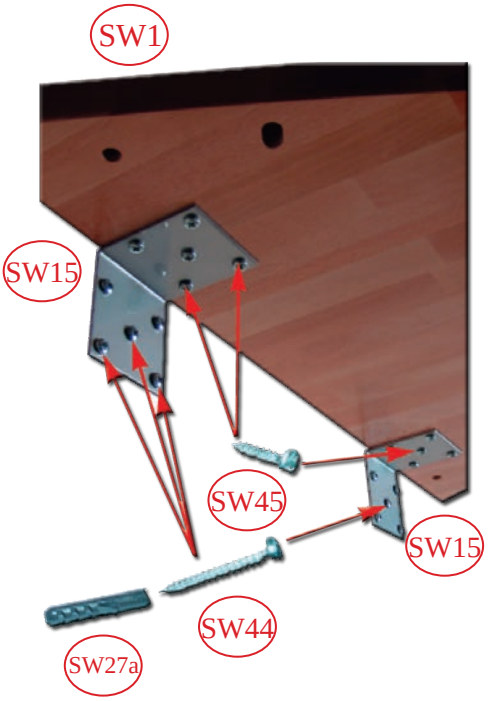


11





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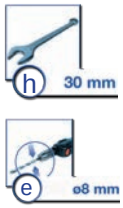
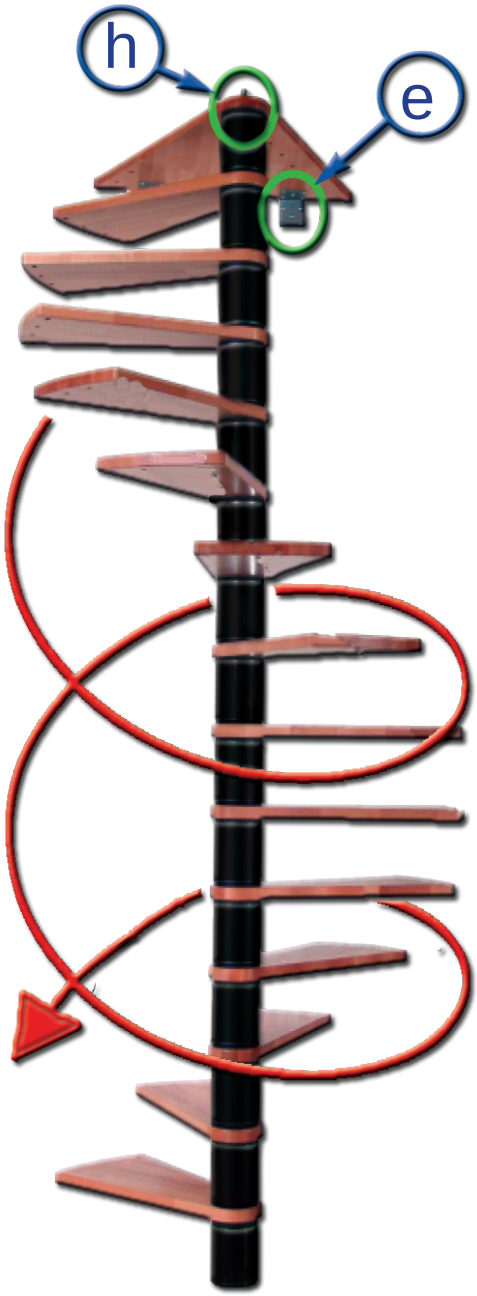
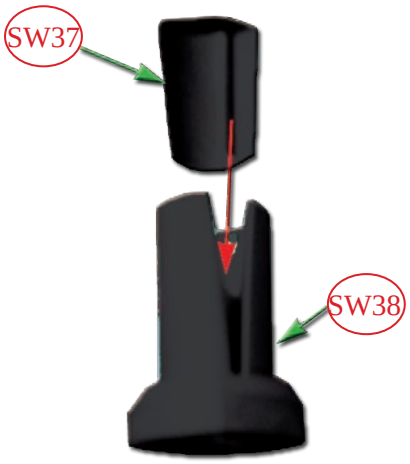




13



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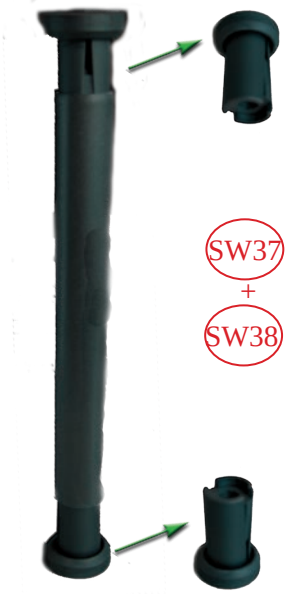

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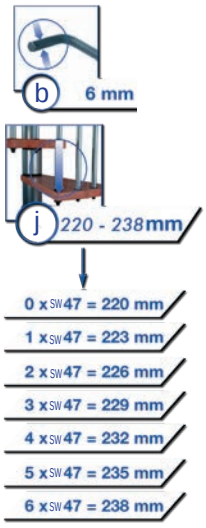
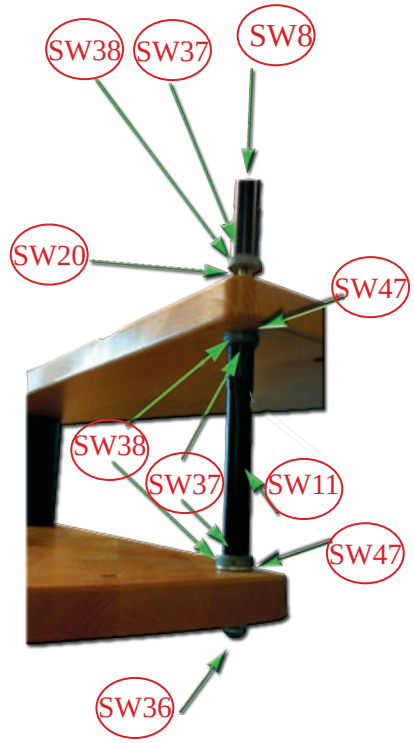
15


b
6 mm
j
220 - 238mm
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


SW38
SW37
SW8
SW20
SW47
SW38
SW37
SW11
SW47
SW36

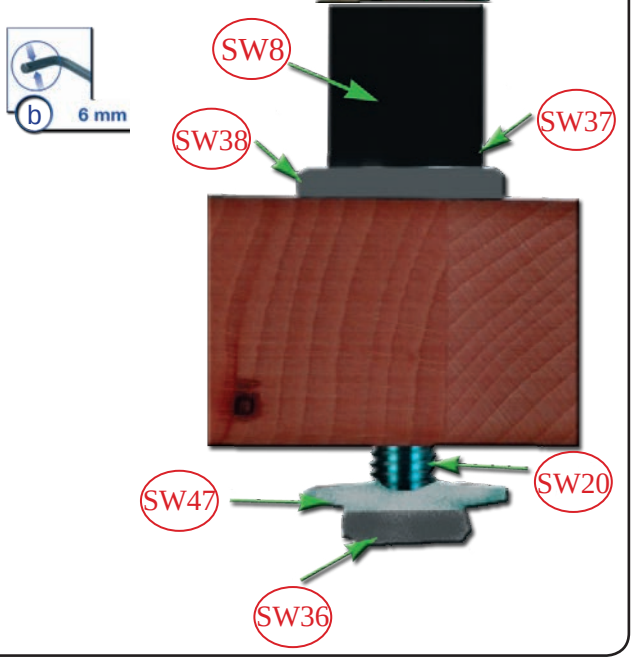
16


SW8
SW8
SW8

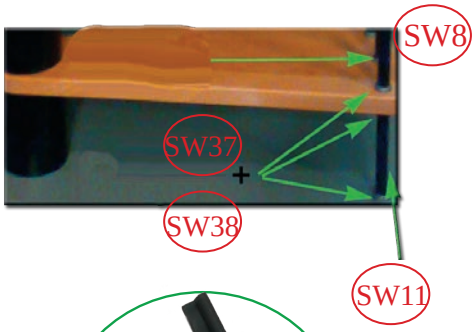
17


i
SW9
SW9

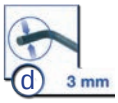
18

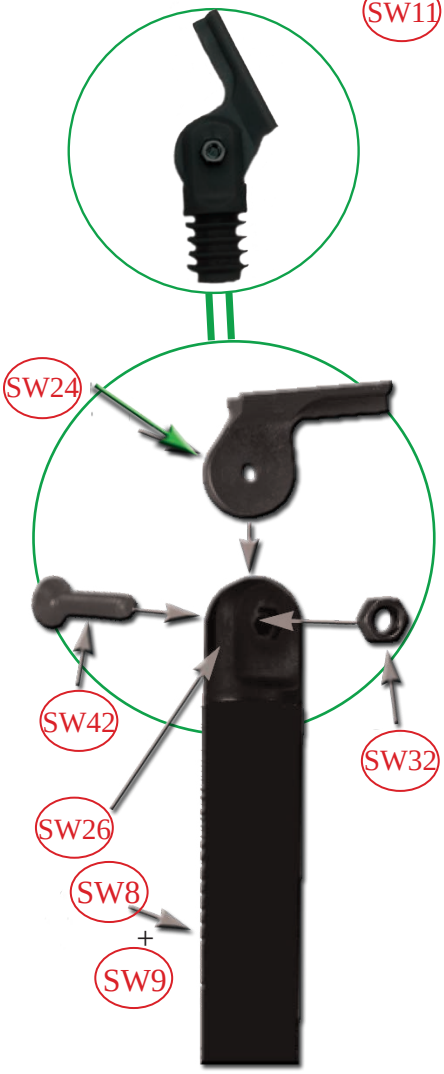

b
6 mm
SW8
SW37
SW38
SW20
SW47
SW36

19

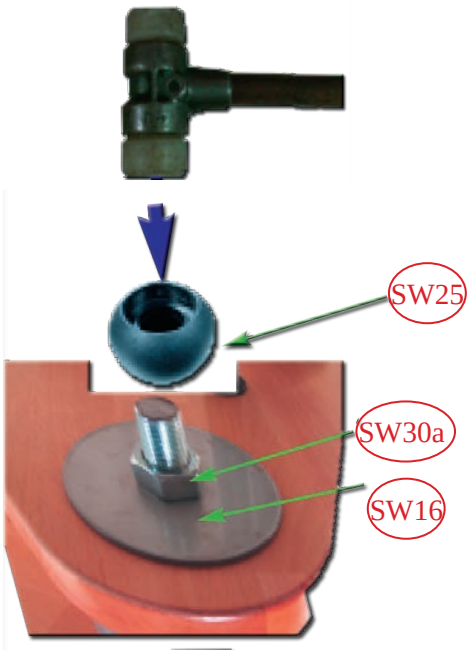

SW8
SW37
+
SW38
SW11

20

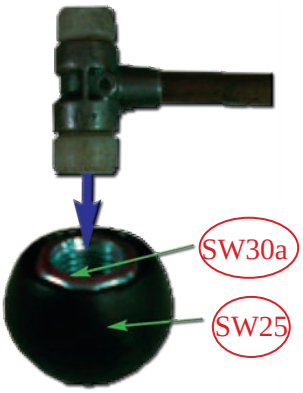

d
3 mm


SW24
SW42
SW32
SW26
SW8
+
SW9

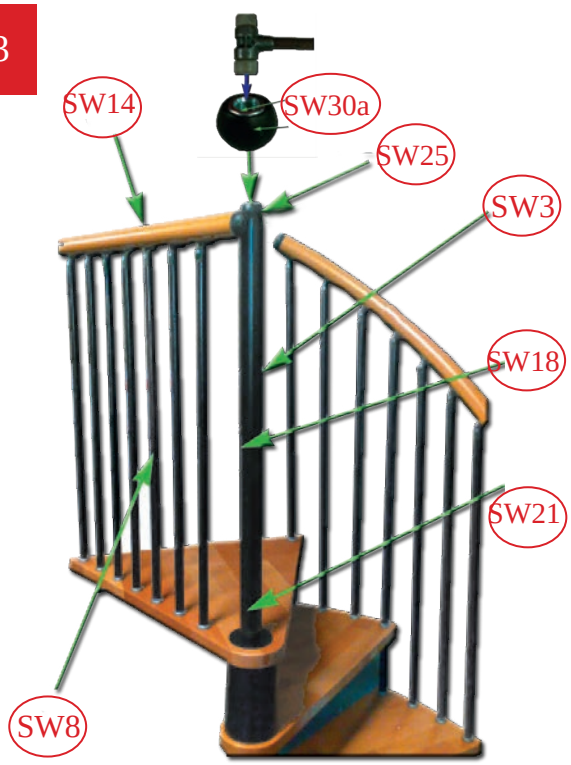
21


SW25
SW30a
SW16

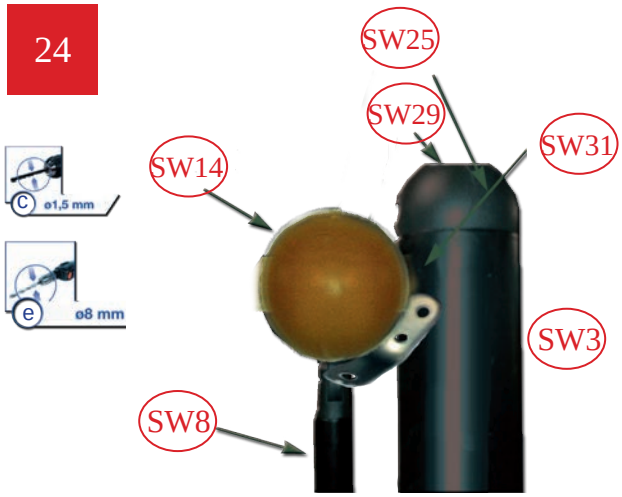
22


SW30a
SW25

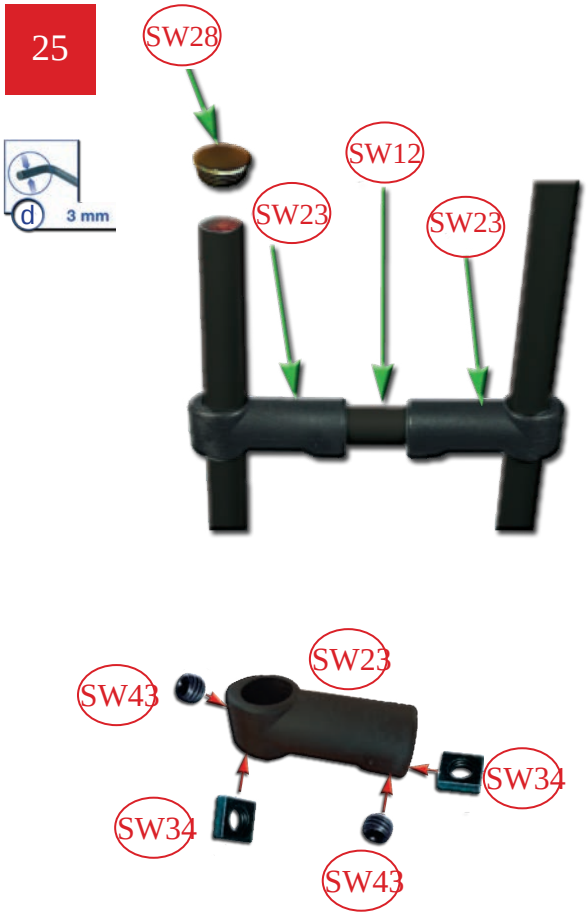
23


SW14
SW30a
SW25
SW3
SW18
SW21
SW8

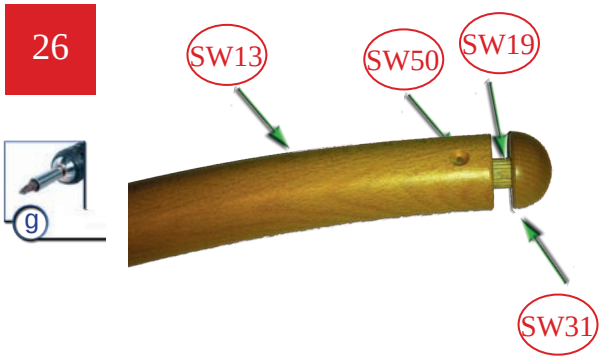
24


c ø1,5 mm
e ø8 mm
SW25
SW29
SW31
SW14
SW3
SW8

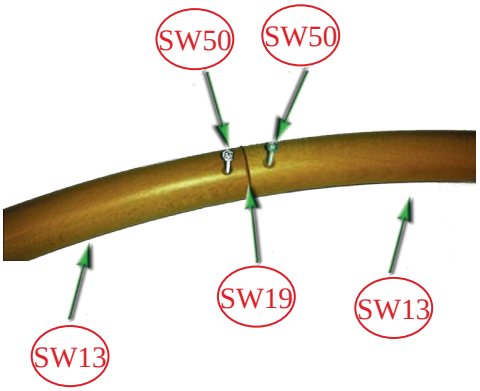
25


d 3 mm
SW28
SW12
SW23
SW23
SW23
SW43
SW34
SW34
SW43

26

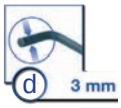

g
SW13
SW50
SW19
SW31

27



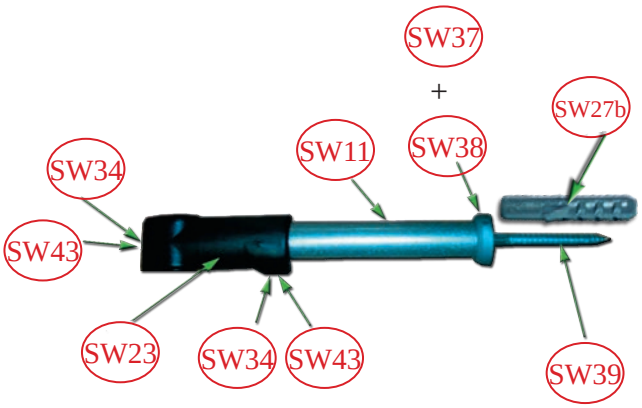
28

29



28

SW27b



EB-2110-01


WERK II
Kindberg / Austria
Produktion Raumspartreppen
& Spindeltreppen
minka DIE TREPPE

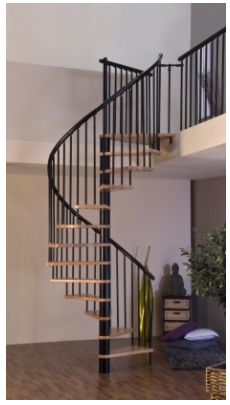

ZERTIFIKAT
TÜV AUSTRIA
minka

EB-2110-01

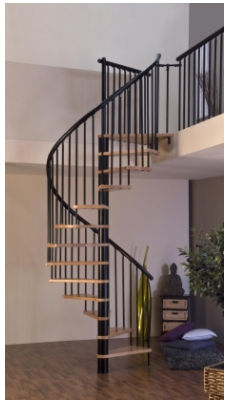
Managementsystem

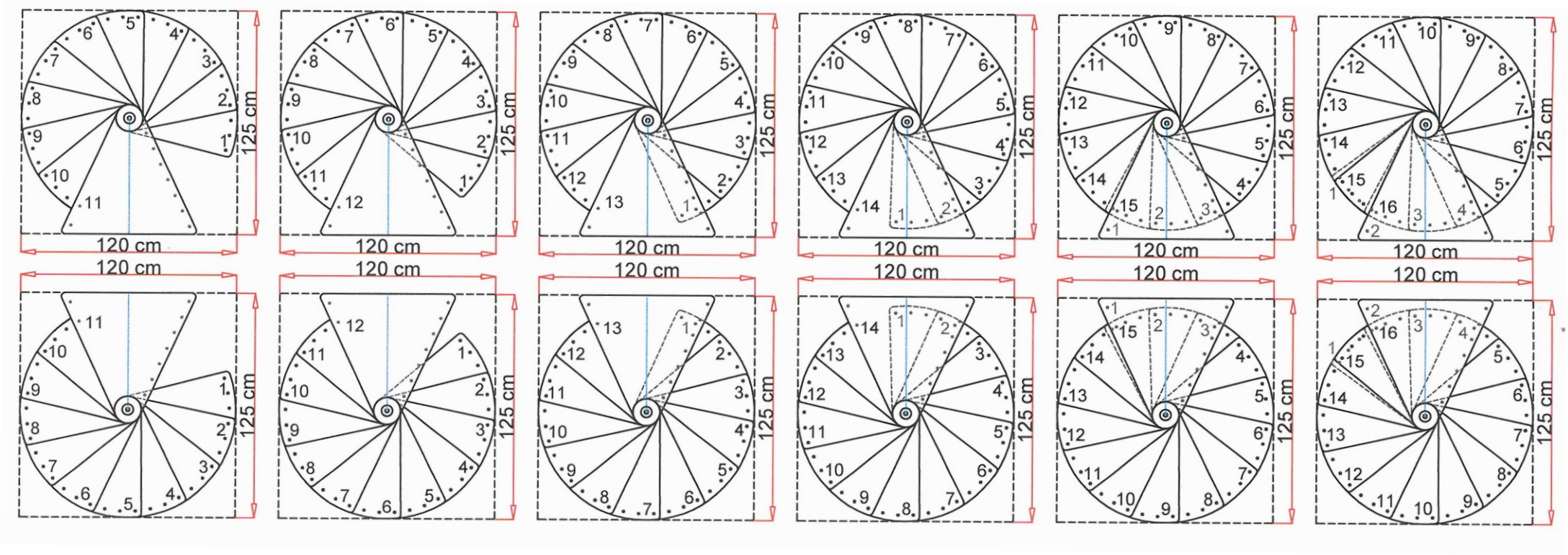
Spiral 120

Gültig
von: 07.09.2010
Bis:



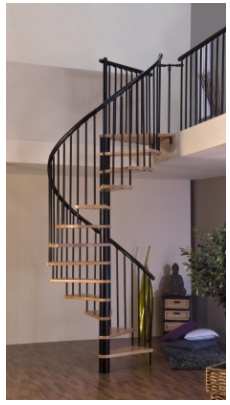
11	12	13	14	15	16
2420	2640	2860	3080	3300	3520
-	-	-	-	-	-
2618	2856	3094	3332	3570	3808
284°	310°	336°	362°	388°	414°



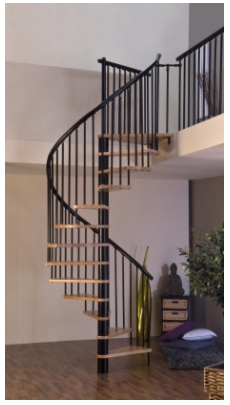


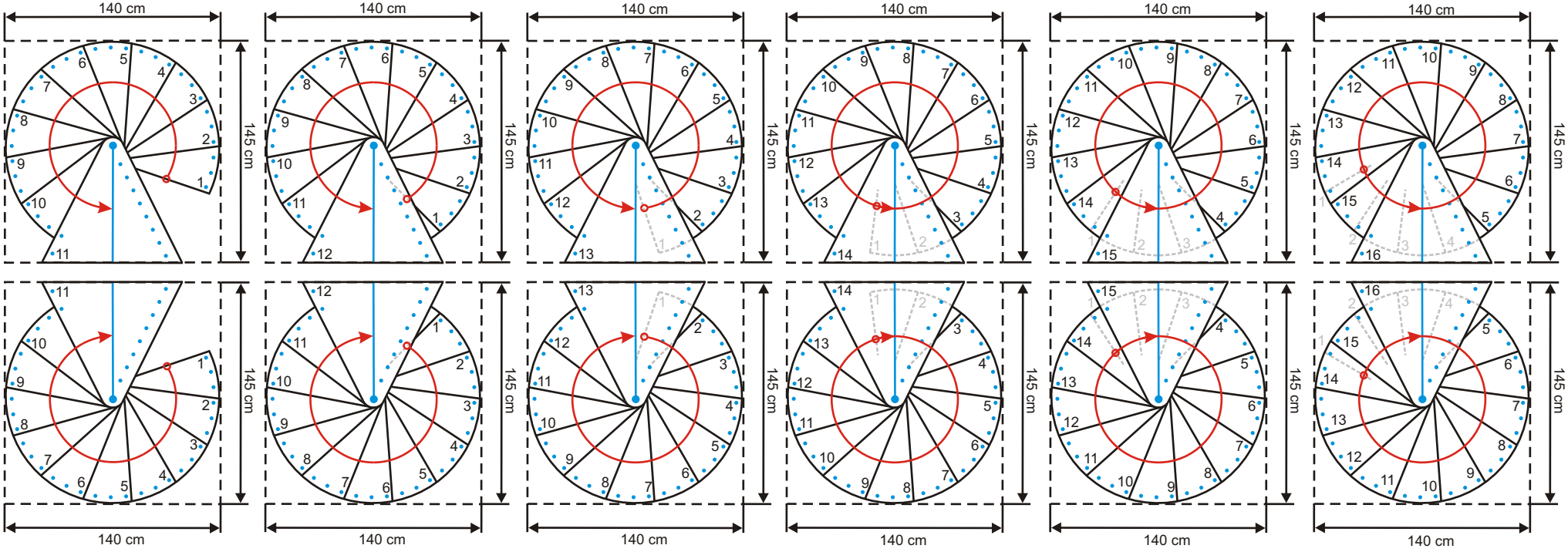
Managementsystem

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°

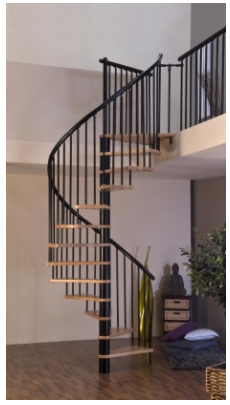




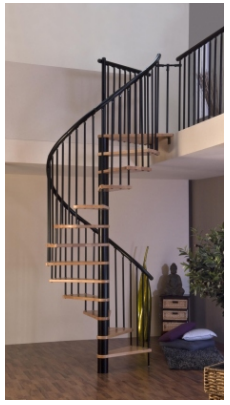
Managementsystem

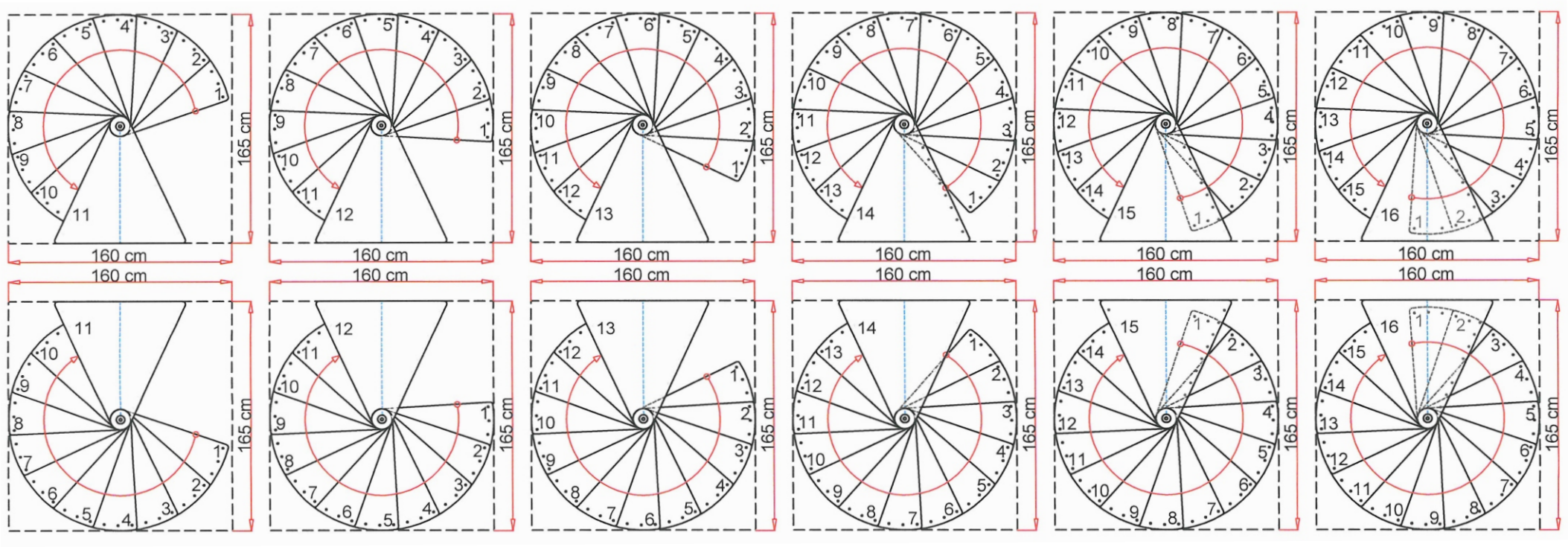
Spiral 160

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°





Managementsystem	Technisches Datenblatt: Spiral wood black 120 140 160	Gültig von: 10.10.2011 bis:

	Einheit			
Type		120	140	160
Außenradius	[mm]	600	700	800
Geschoßhöhe max.	[mm]	3090	3090	3090
Geschoßhöhe mit Höhenzusatz max.	[mm]	3560	3560	3560
Auftrittstiefe	[mm]	210	236	244
Steigung	[mm]	220 - 238	220 - 238	220 - 238
freie Durchgangsbreite	[mm]	486	586	686
Geländerhöhe	[mm]	900	900	900
Podestbreite	[mm]	650	750	850
Drehung pro Stufe	[°]	28,3	28,3	24,4
Drehung des Podestes	[°]	60	60	60
Spindeldurchmesser	[mm]	127	127	127
Stufenstärke	[mm]	35	35	35
Geländerstabdurchmesser	[mm]	22	22	22
Handlaufdurchmesser	[mm]	40	40	40

Materialien	
Stufen	Buche keilgezinkt lackiert
Handlauf	Buche
Spindelrohr	Stahl pulverbeschichtet Silber
Geländersteher	Stahl pulverbeschichtet Silber
sichtbare Kunststoffteile	schwarz

SPIRAL WOOD BLACK

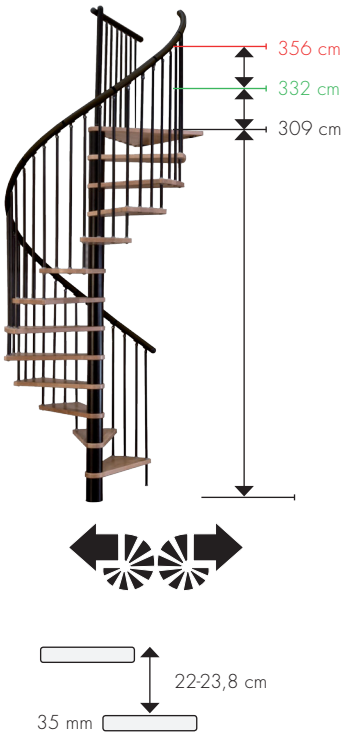
Spindeltreppe aus Massivholz
mit Massivholzhandlauf

VORTEILE

- Stufen in 35 mm Buche mit hochwertiger Lackierung
- Geländerstäbe und Zwischenhülsen mit hochwertiger Pulverbeschichtung
- Massivholzhandlauf in Buche

OPTIONEN

- Stufen und Handlauf in Eiche massiv ②
- Höhenerweiterungselement GH 309–332 cm
- Höhenerweiterungselement GH 309–356 cm
- Brüstungsgeländer/lfm gerade
- Brüstungsgeländer/lfm rund
- Sonderpodest



TECHNIK

Materialien	Stufen Buche massiv mit hochwertiger Lackierung Stahlteile (Zwischenhülsen und Geländerstäbe) pulverbeschichtet schwarz Massivholzhandlauf
Anzahl der Stufen	12 Stufen + 1 Podest
Geschoßhöhe Mit Erweiterungselement	Max. 309 cm Max. 356 cm (siehe Optionen)
Minimale Öffnungsgröße	120 cm, 140 cm, 160 cm
Artikelnummer	Ø 120 cm 27681 Ø 140 cm 27682 Ø 160 cm 27683 ①