

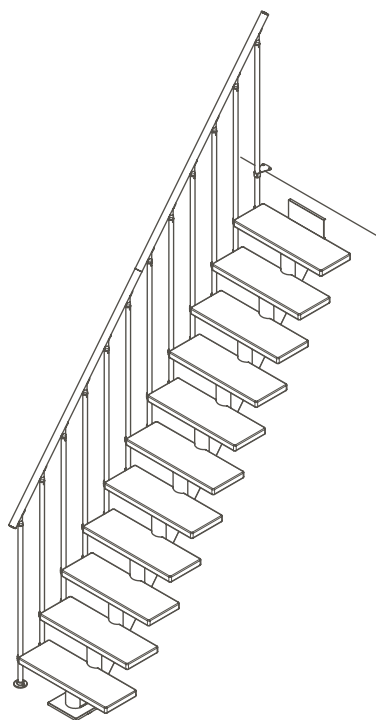
**CLASSIC II BANISTER**

FRANKFURT

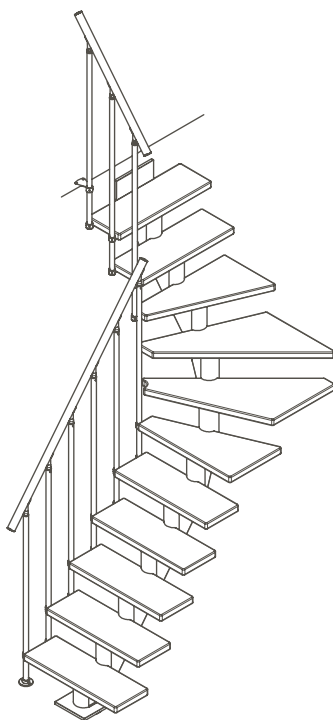
INSTRUCTION / MONTAGEANLEITUNG**INSTRUKTION / INSTRUCCION / INSTRUKCJA****SOGEM®**

PART OF DOLLE GROUP

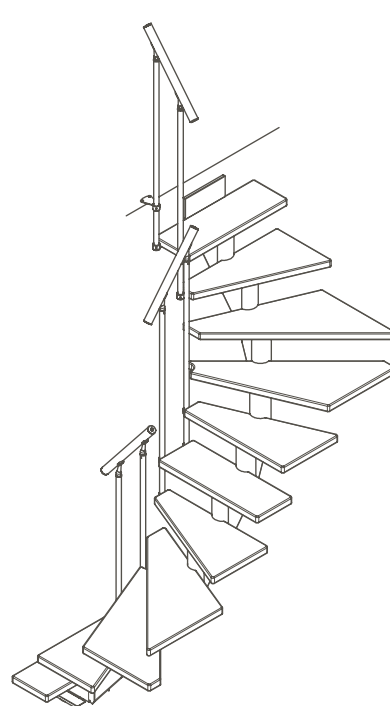
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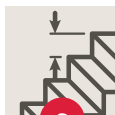
L



U



H



S



T

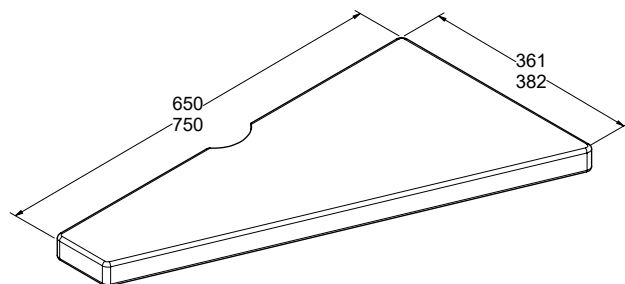
	Height floor-to-floor	Rise height	Number of treads
	Geschosshöhe	Steigungshöhe	Anzahl Stufen
	Hauteur sol-sol	Hauteur de marche	Nombre de marches
	Altura de suelo/suelo	Altura de peldaños	Numero de peldaños
	Altura do chão / chão	Altura do degrau	Número de etapas (degraus)
	Hoogte vloer/vloer	Hoogte trede	Aantal treden
	Etagehøjde	Stigningshøjde	Antal trin
	Golv till golv höjd	Stigningshöjd	Antal steg
	Wysokość kondygnacji od podłogi do podłogi	Wysokość stopnia	Ilość stopni
	Înălțime sol-sol	Înălțime treaptă	Număr trepte
	Výška patra podlaha-podlaha	Výška schodu	Počet nášlapů
	Висота от пола до пола	Шар ступени	Кол-во ступеней
	Aukšto aukštis	Pakopos aukštis	Pakopų kiekis
	Stāva augstums	Pakāpiena augstums	Pakāpienu skaits
	Korruse kõrgus	Astme kõrgus	Astmete arv
	Višina nadstropja	Višina stopnice	Število stopnic
	Visina kata	Visina stepenice	Broj stepenica
	Výška podlažia	Výška stupňa	Počet stupňov

1 x 1 K2-1077420 RAL 7016 K2-1077421 RAL 9005 K2-1077422 Pearl grey K2-1077423 RAL 9016	2 <table border="1"> <tr><td></td><td>11</td><td>12</td><td>13</td></tr> <tr><td>x</td><td>9</td><td>10</td><td>11</td></tr> </table> K2-1077425 RAL 7016 K2-1077421 RAL 9005 K2-1077422 Pearl grey K2-1077423 RAL 9016		11	12	13	x	9	10	11	3 x 1 K2-1077430 RAL 7016 K2-1077431 RAL 9005 K2-1077432 Pearl grey K2-1077433 RAL 9016	4 x 1 K2-1077440 RAL 7016 K2-1077441 RAL 9005 K2-1077442 Pearl grey K2-1077443 RAL 9016																								
	11	12	13																																
x	9	10	11																																
7 x 1 K2-1077030 RAL 7016 K2-1077031 RAL 9005 K2-1077032 Pearl grey K2-1077033 RAL 9016	8 <table border="1"> <tr><td></td><td>11</td><td>12</td><td>13</td></tr> <tr><td>x</td><td>I 24</td><td>24</td><td>26</td></tr> <tr><td></td><td>L 24</td><td>24</td><td>24</td></tr> <tr><td></td><td>U 24</td><td>24</td><td>24</td></tr> </table> K2-1077025 RAL 7016 K2-1077026 RAL 9005 K2-1077027 Pearl grey K2-1077028 RAL 9016		11	12	13	x	I 24	24	26		L 24	24	24		U 24	24	24	10 x 1 K1-1077070 RAL 7016 K1-1077071 RAL 9005 K1-1077072 Pearl grey K1-1077073 RAL 9016	11 x 1 K1-1077400 RAL 7016 K1-1077401 RAL 9005 K1-1077402 Pearl grey K1-1077403 RAL 9016																
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x	I 24	24	26																																
	L 24	24	24																																
	U 24	24	24																																
15 <table border="1"> <tr><td></td><td>11</td><td>12</td><td>13</td></tr> <tr><td>x</td><td>I 12</td><td>12</td><td>13</td></tr> <tr><td></td><td>L 12</td><td>12</td><td>12</td></tr> <tr><td></td><td>U 12</td><td>12</td><td>12</td></tr> </table> K1-1077045 RAL 7016 K1-1077046 RAL 9005 K1-1077047 Pearl grey K1-1077048 RAL 9016		11	12	13	x	I 12	12	13		L 12	12	12		U 12	12	12	16 1065	17 1028	20 x 1 M2-1078300 Beech / Buche / Beuk / Hêtre / Bøg M2-1078310 Oak / Eiche / Eik / Chêne / Eg M2-1078320 Oak white / Eiche weiß / Eik wit / Chêne blanc / Eg hvid 21 <table border="1"> <tr><td></td><td>11</td><td>12</td><td>13</td></tr> <tr><td>x</td><td>I 10</td><td>11</td><td>12</td></tr> <tr><td></td><td>L 6</td><td>7</td><td>8</td></tr> <tr><td></td><td>U 2</td><td>3</td><td>4</td></tr> </table> M2-1078301 Beech / Buche / Beuk / Hêtre / Bøg M2-1078302 Oak / Eiche / Eik / Chêne / Eg M2-1078303 Oak white / Eiche weiß / Eik wit / Chêne blanc / Eg hvid		11	12	13	x	I 10	11	12		L 6	7	8		U 2	3	4
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	L 12	12	12																																
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	11	12	13																																
x	I 10	11	12																																
	L 6	7	8																																
	U 2	3	4																																

25

x	I	0
	L	1
	U	2

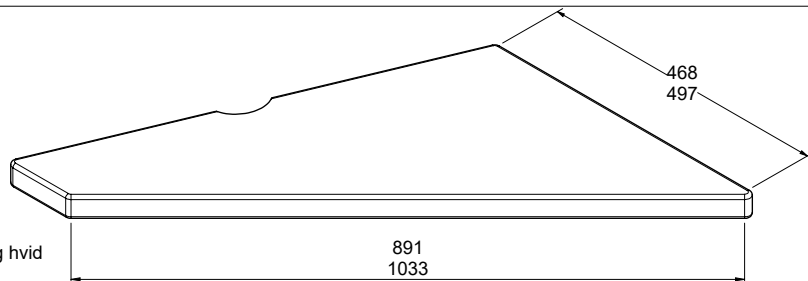
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M2-1078319 650 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078329 650 mm Oak white / Eiche weiß / Eik wit / Chêne blanc / Eg hvid
M2-1078359 750 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078369 750 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078379 750 mm Oak white / Eiche weiß / Eik wit / Chêne blanc / Eg hvid



24

x	I	0
	L	1
	U	2

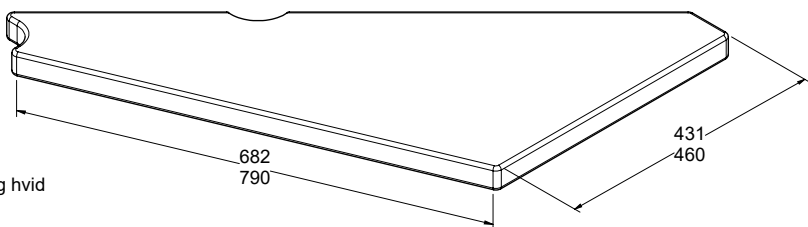
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M2-1078318 650 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078328 650 mm Oak white / Eiche weiß / Eik wit / Chêne blanc / Eg hvid
M2-1078358 750 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078368 750 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078378 750 mm Oak white / Eiche weiß / Eik wit / Chêne blanc / Eg hvid



23

x	I	0
	L	1
	U	2

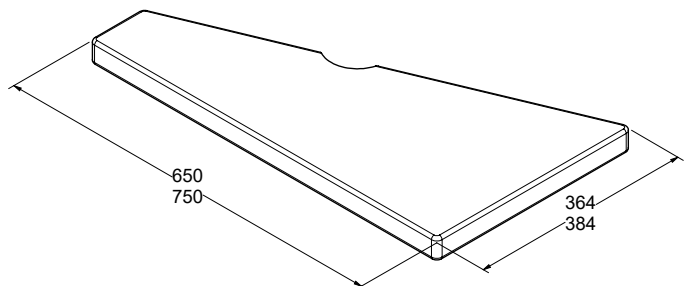
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M2-1078317 650 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078327 650 mm Oak white / Eiche weiß / Eik wit / Chêne blanc / Eg hvid
M2-1078357 750 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078367 750 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078377 750 mm Oak white / Eiche weiß / Eik wit / Chêne blanc / Eg hvid



22

x	I	0
	L	1
	U	2

M2-1078306 650 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078316 650 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078326 650 mm Oak white / Eiche weiß / Eik wit / Chêne blanc / Eg hvid
M2-1078356 750 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078366 750 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078376 750 mm Oak white / Eiche weiß / Eik wit / Chêne blanc / Eg hvid



27

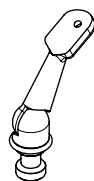
x 6
K1-1077150 RAL 7016
K1-1077151 RAL 9005
K1-1077152 Pearl grey
K1-1077153 RAL 9016



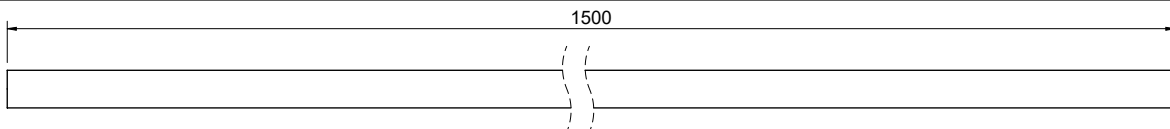
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x		11	12	13
	I	13	13	14
	L	13	13	13
	U	13	13	13

K2-1077195 RAL 7016
K2-1077196 RAL 9005
K2-1077197 Pearl grey
K2-1077198 RAL 9016

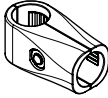
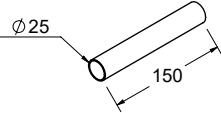
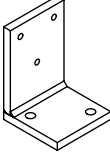
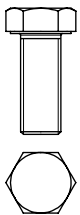
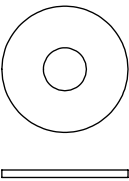
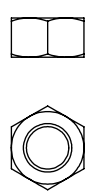
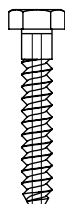
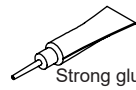
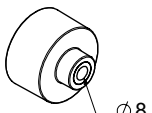
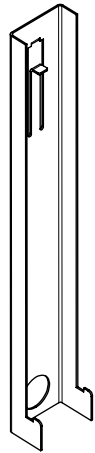
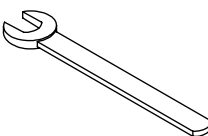
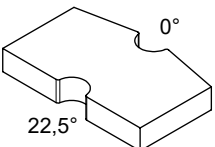
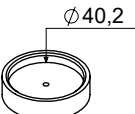
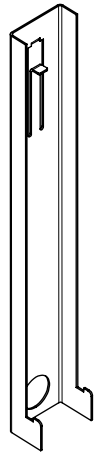


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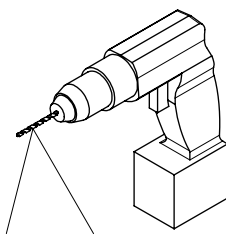
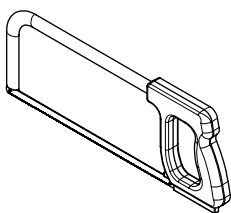
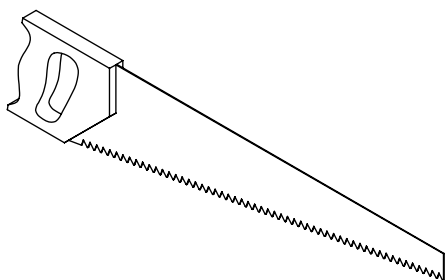
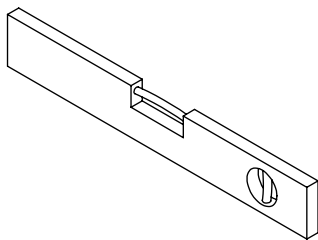
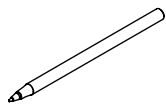
x		11	12	13
	I	3	3	3
	L	2	2	2
	U	2	2	2

M2-1078905 Beech / Buche / Beuk / Hêtre / Bøg
M2-1078915 Oak / Eiche / Eik / Chêne / Eg
M2-1078917 Oak white / Eiche weiß / Eik wit / Chêne blanc / Eg hvid

34 x 4 K2-1077170 RAL 7016 K2-1077171 RAL 9005 K2-1077172 Pearl grey K2-1077173 RAL 9016 	35 x 2 K1-1077165 RAL 7016 K1-1077166 RAL 9005 K1-1077167 Pearl grey K1-1077168 RAL 9016 	36 x 4 K1-1077295 RAL 7016 K1-1077296 RAL 9005 K1-1077297 Pearl grey K1-1077298 RAL 9016 																																									
37 <table><tr><td></td><td>11</td><td>12</td><td>13</td></tr><tr><td>x</td><td>11</td><td>12</td><td>13</td></tr></table> R1-63500 M16 x 40 		11	12	13	x	11	12	13	38 <table><tr><td></td><td>11</td><td>12</td><td>13</td></tr><tr><td>x</td><td>11</td><td>12</td><td>13</td></tr></table> K3-04053 Ø50 / Ø17 		11	12	13	x	11	12	13	39 x 1 R2-86074 M16 	40 x 17 K3-08001 Ø12 x 60 																								
	11	12	13																																								
x	11	12	13																																								
	11	12	13																																								
x	11	12	13																																								
41 x 17 K3-04001 Ø10 	42 x 17 K3-06003 Ø10 x 60 	44 <table><tr><td></td><td>11</td><td>12</td><td>13</td></tr><tr><td>x</td><td>78</td><td>84</td><td>90</td></tr></table> R1-63267 Ø6 x 35 TX30 		11	12	13	x	78	84	90	45 <table><tr><td></td><td></td><td>11</td><td>12</td><td>13</td></tr><tr><td></td><td>I</td><td>13</td><td>13</td><td>14</td></tr><tr><td>x</td><td>L</td><td>13</td><td>13</td><td>13</td></tr><tr><td></td><td>U</td><td>13</td><td>13</td><td>13</td></tr></table> K3-05002 M6 x 8 			11	12	13		I	13	13	14	x	L	13	13	13		U	13	13	13												
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x	78	84	90																																								
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	I	13	13	14																																							
x	L	13	13	13																																							
	U	13	13	13																																							
47 x 8 R3-91415 Ø8 x 40 	48 <table><tr><td></td><td></td><td>11</td><td>12</td><td>13</td></tr><tr><td></td><td>I</td><td>13</td><td>13</td><td>14</td></tr><tr><td>x</td><td>L</td><td>13</td><td>13</td><td>13</td></tr><tr><td></td><td>U</td><td>13</td><td>13</td><td>13</td></tr></table> K3-06008 Ø5 x 25 			11	12	13		I	13	13	14	x	L	13	13	13		U	13	13	13	49 x 1 K3-90001 Strong glue Superkleber Seconde lijm Colle forte Superlim 	50 x 1 K1-01810 	51 x 2 K3-06022 Ø5 x 35 TX25 																			
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	I	13	13	14																																							
x	L	13	13	13																																							
	U	13	13	13																																							
52 <table><tr><td></td><td></td><td>11</td><td>12</td><td>13</td></tr><tr><td></td><td>I</td><td>48</td><td>48</td><td>52</td></tr><tr><td>x</td><td>L</td><td>48</td><td>48</td><td>48</td></tr><tr><td></td><td>U</td><td>48</td><td>48</td><td>48</td></tr></table> K3-06130 Ø6 x 30 TX30 			11	12	13		I	48	48	52	x	L	48	48	48		U	48	48	48	53 x 4 K3-06027 Ø5 x 50 	54 x 4 K3-08002 Ø8 x 40 	55 <table><tr><td></td><td></td><td>11</td><td>12</td><td>13</td></tr><tr><td></td><td>I</td><td>50</td><td>50</td><td>54</td></tr><tr><td>x</td><td>L</td><td>50</td><td>50</td><td>50</td></tr><tr><td></td><td>U</td><td>50</td><td>50</td><td>50</td></tr></table> K3-05056 M6 x 5 			11	12	13		I	50	50	54	x	L	50	50	50		U	50	50	50
		11	12	13																																							
	I	48	48	52																																							
x	L	48	48	48																																							
	U	48	48	48																																							
		11	12	13																																							
	I	50	50	54																																							
x	L	50	50	50																																							
	U	50	50	50																																							
56 x 2 K3-08006 Ø6 x 40 	58 x 8 R3-20590 	59 x 1 K3-90005 Wood glue Holzkleber Colle à bois Trælim Houtlijm 	60 																																								
61 x 1 R1-63501 24 mm 	62 x 1 H3-35920 	63 x 1 K1-01620 	60 x 1 H2-63530 																																								



Tools not included!
Werkzeuge nicht enthalten!
Gereedschap niet inbegrepen!
Outils non inclus!
Værktøj ikke inkluderet!



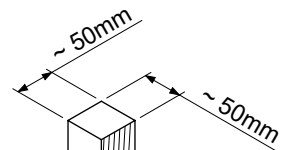
Ø 3mm
Ø 4mm
Ø 6mm
Ø 8mm
Ø 10mm



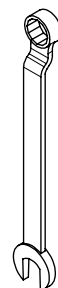
Ø 8mm
Ø 12mm



TX25
TX30
PZ2

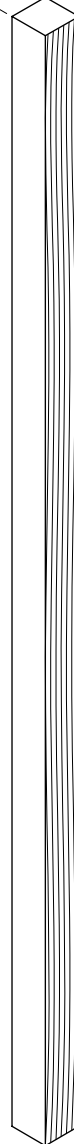


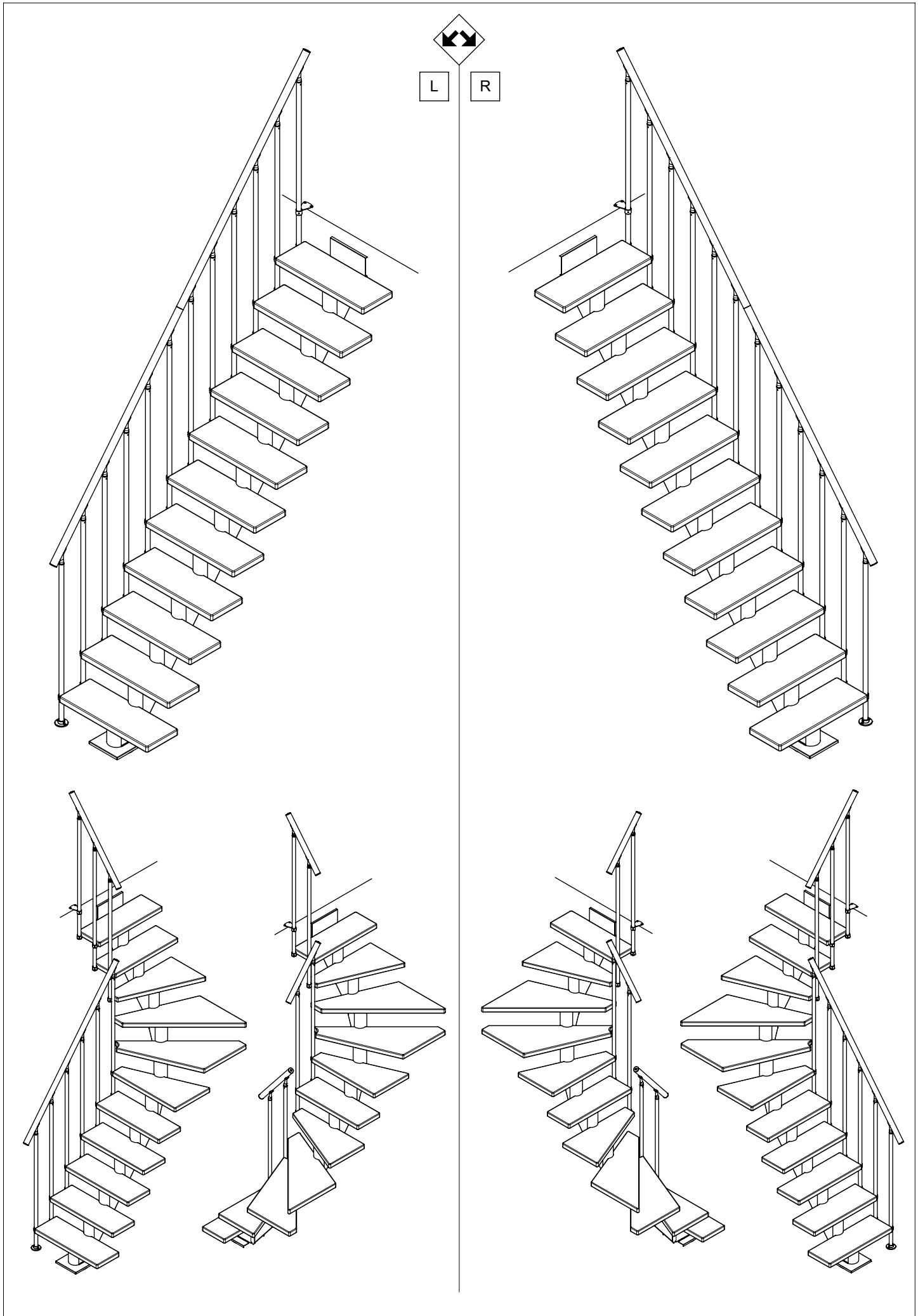
3mm
4mm
6mm

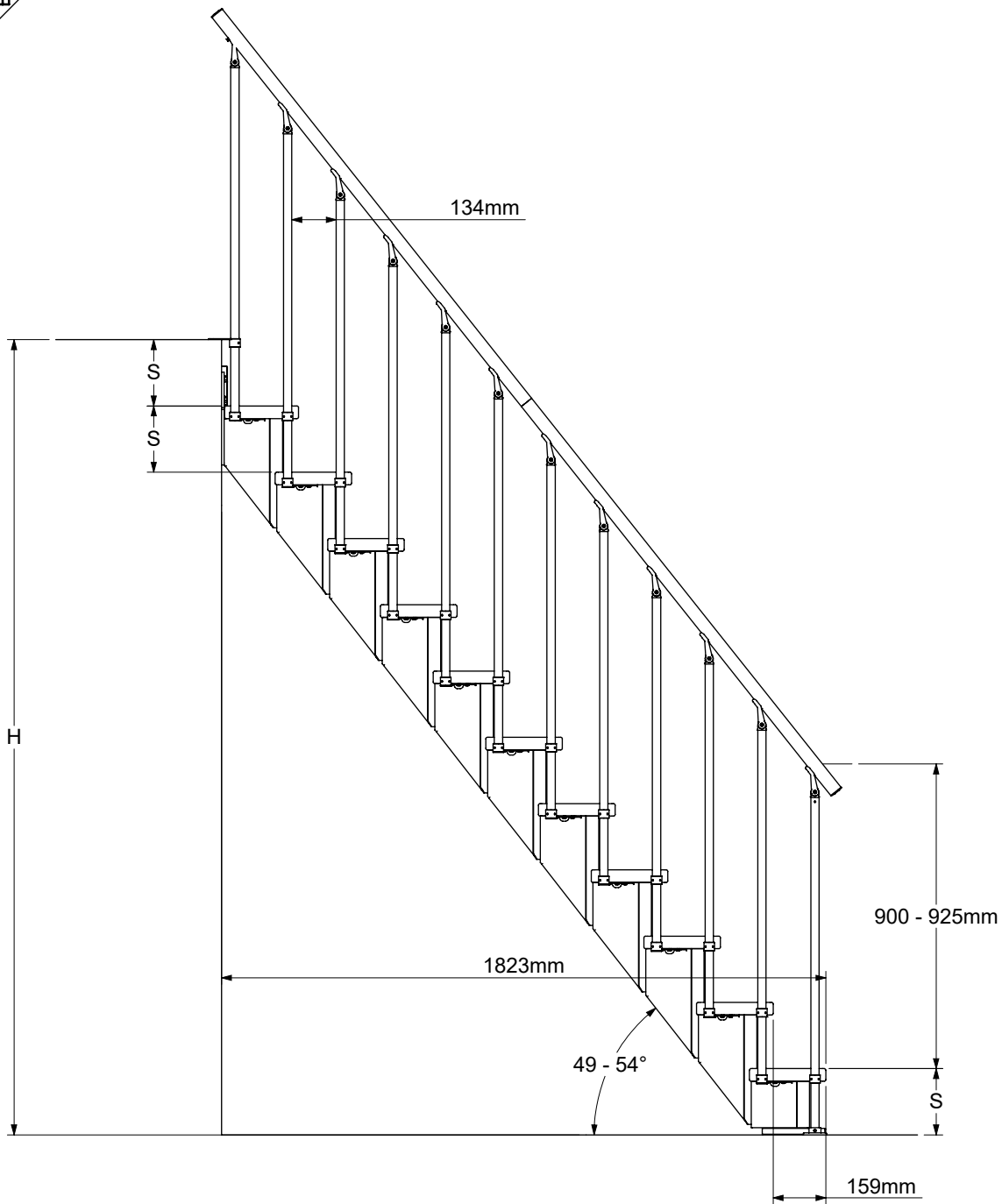


16mm

Max
1462mm







$$S = \frac{H}{T + 1}$$

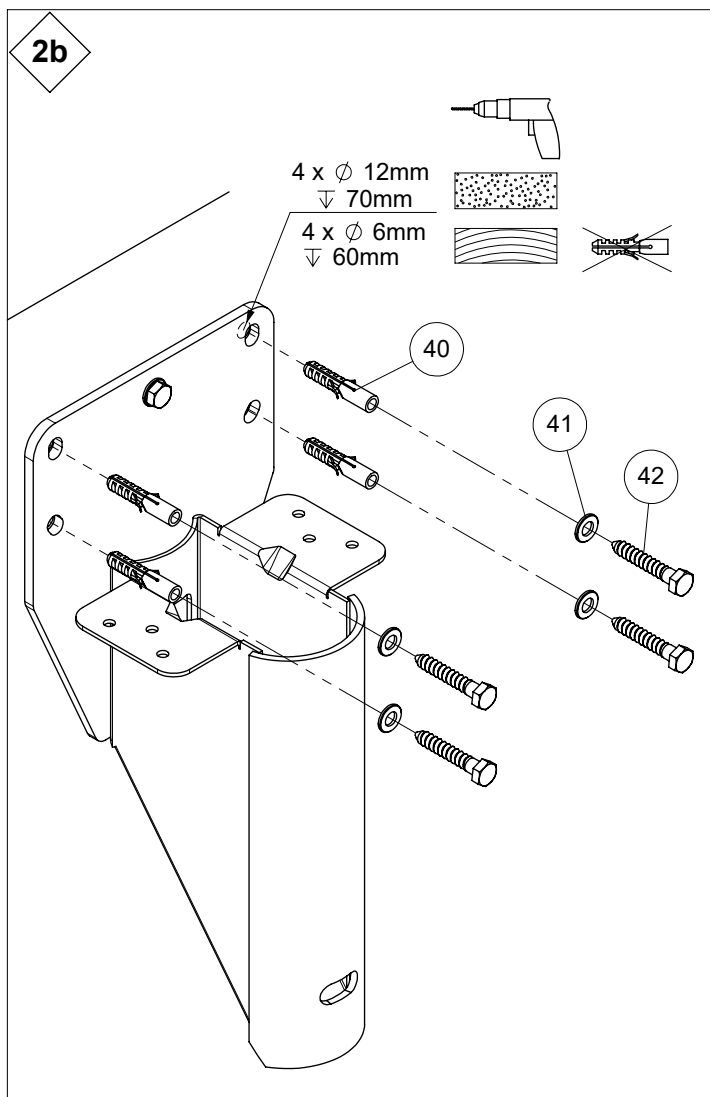
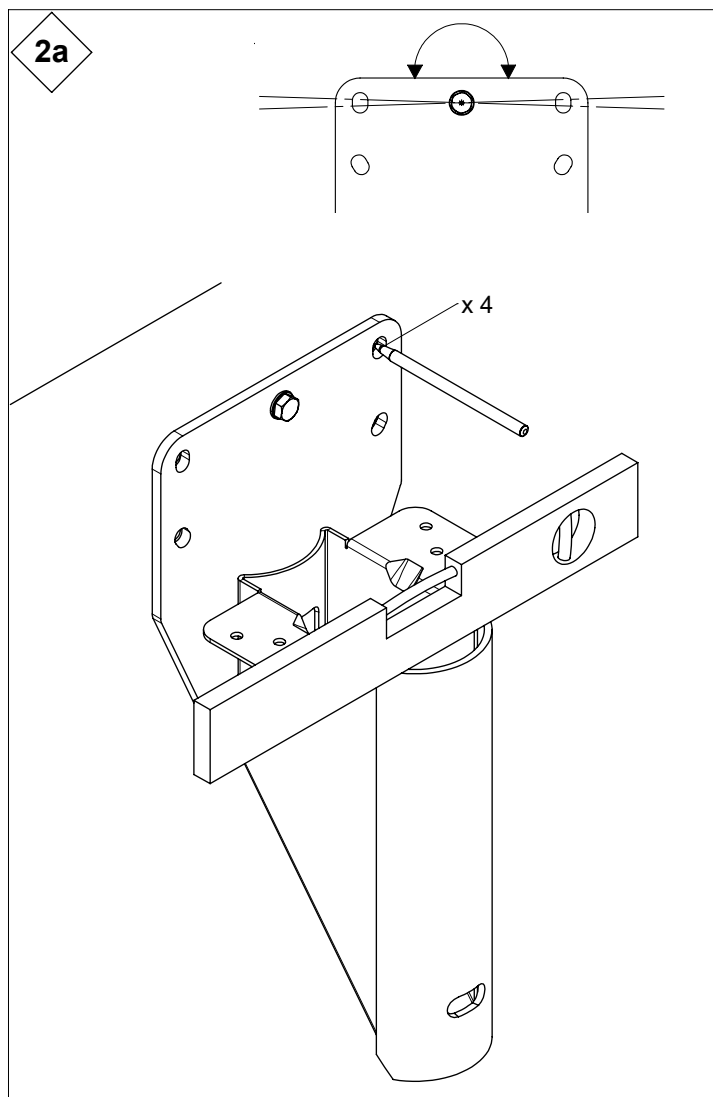
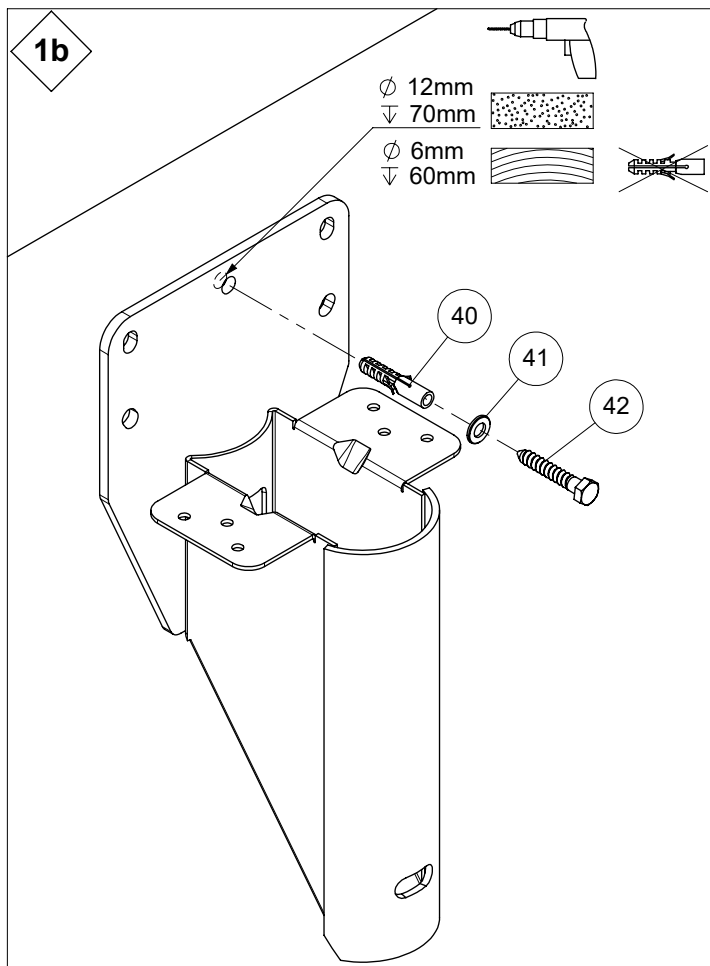
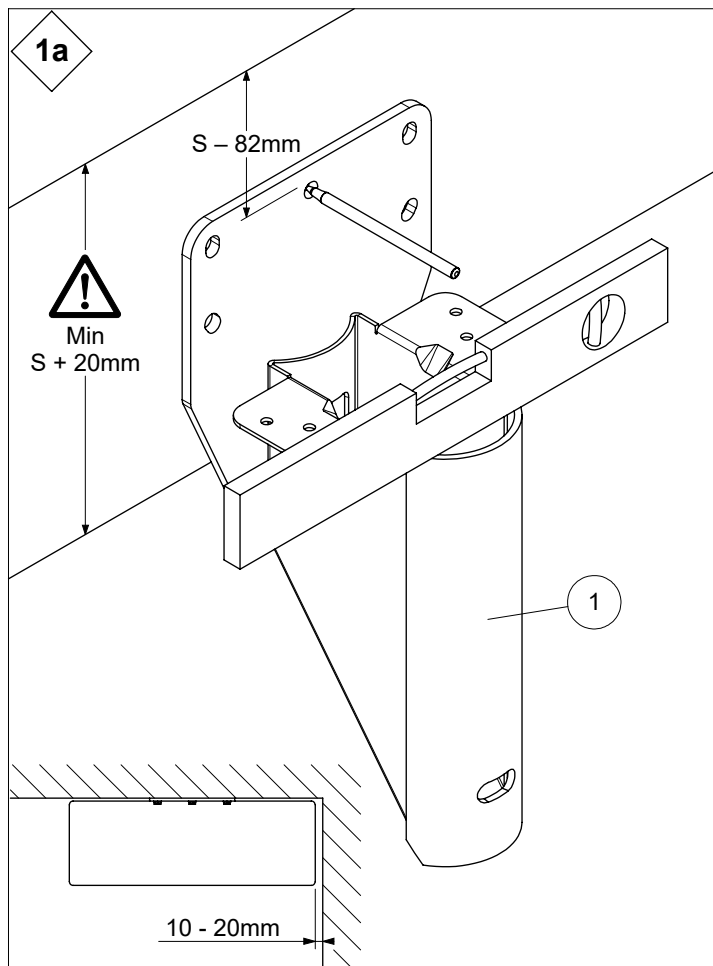
min S	max S
185 mm	215 mm

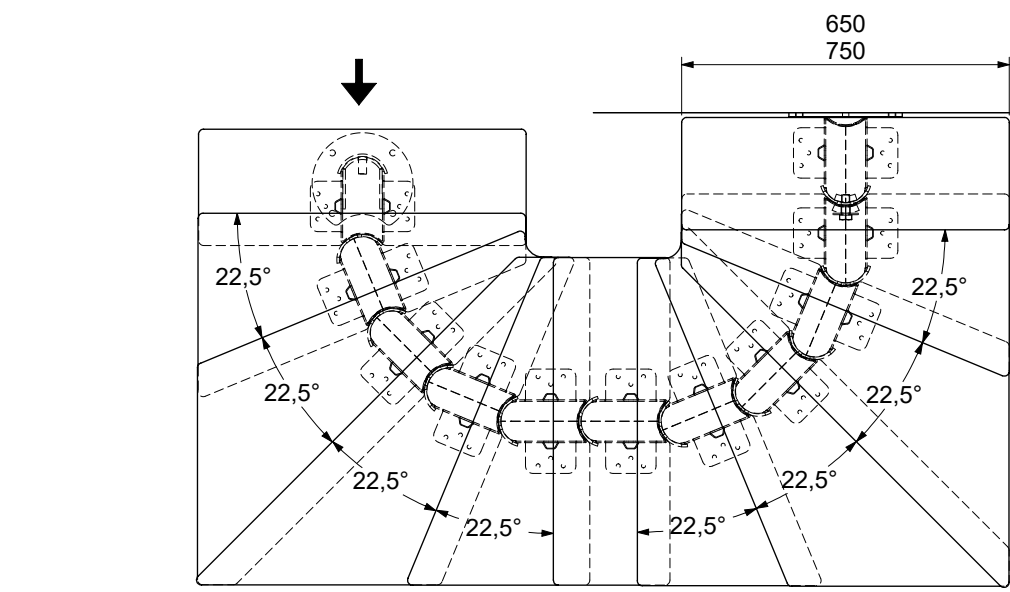
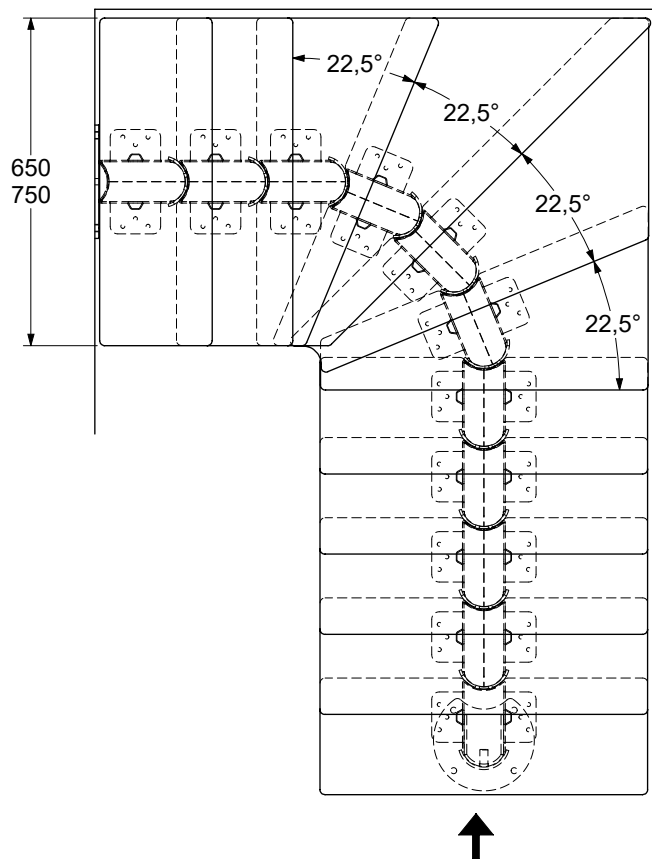
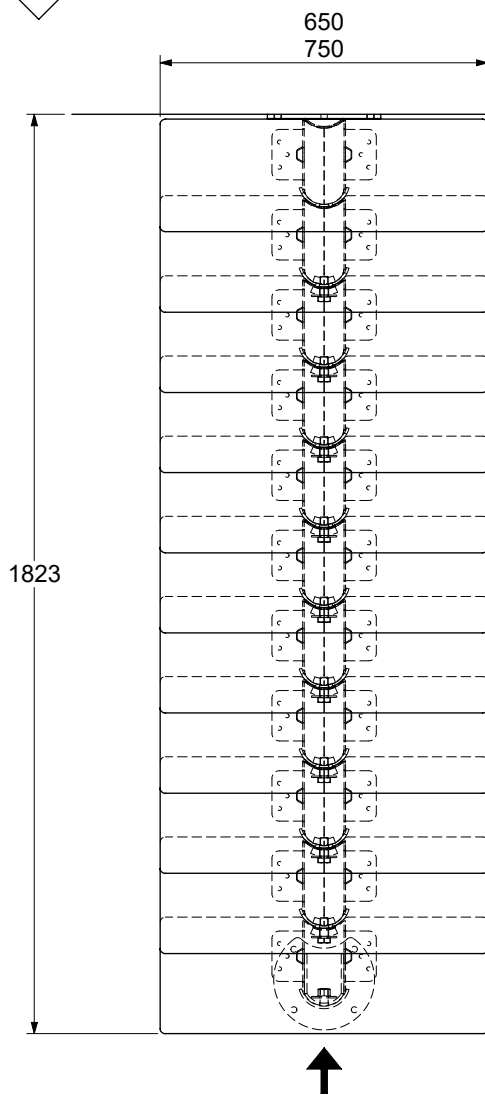
Example / Beispiel / Voorbeeld / Example / Eksempel:
H: 2400 mm, T: 11 st(pcs)

$$S = \frac{2400 \text{ mm}}{11 + 1} = 200 \text{ mm}$$

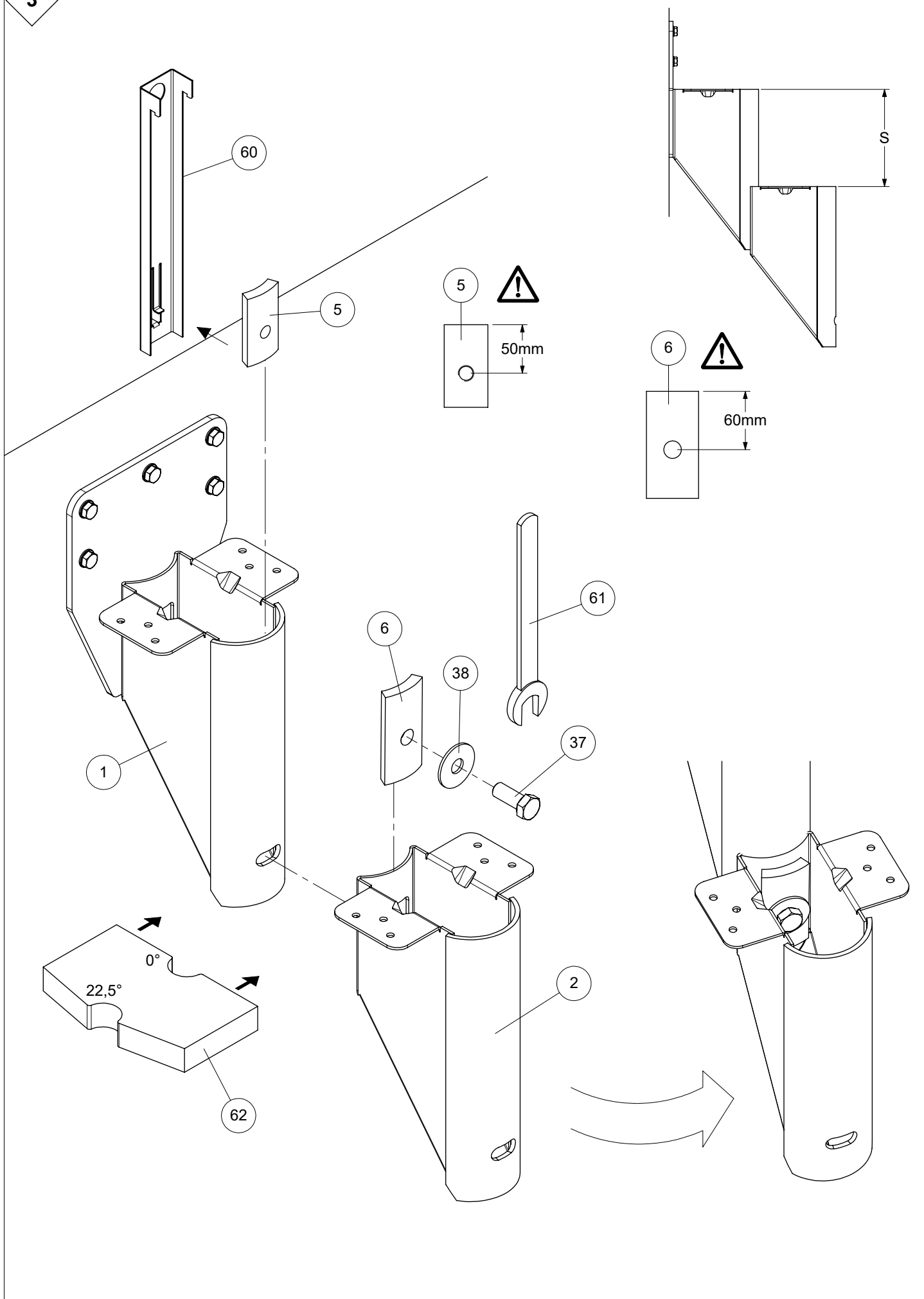


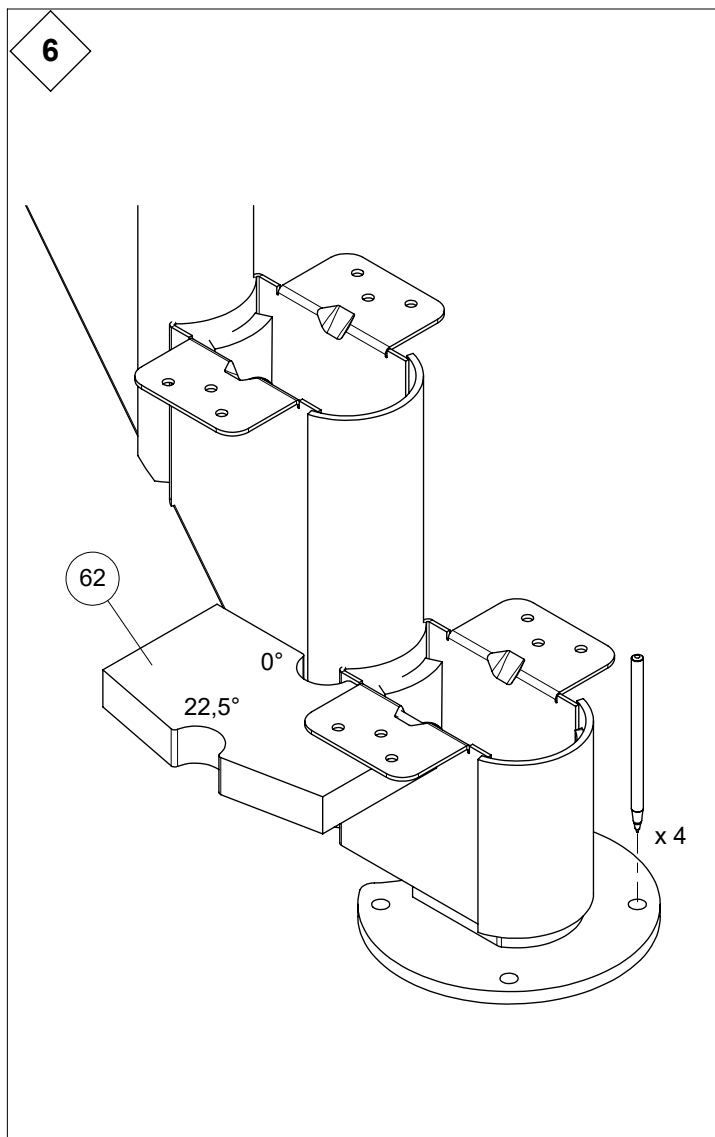
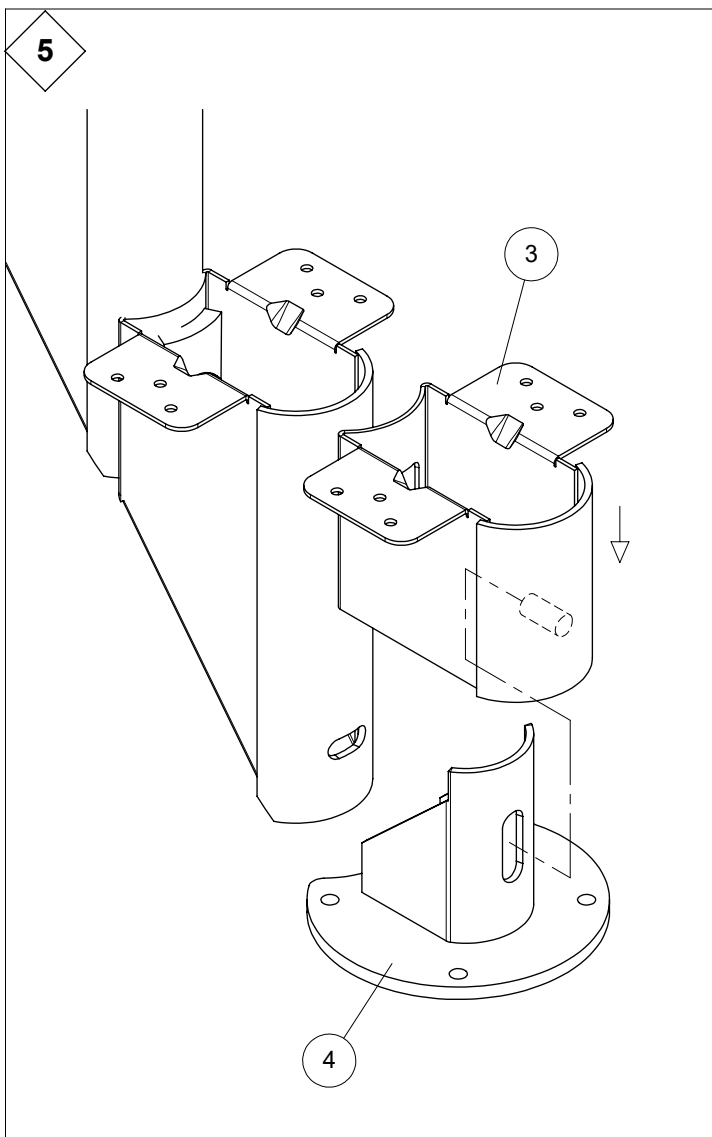
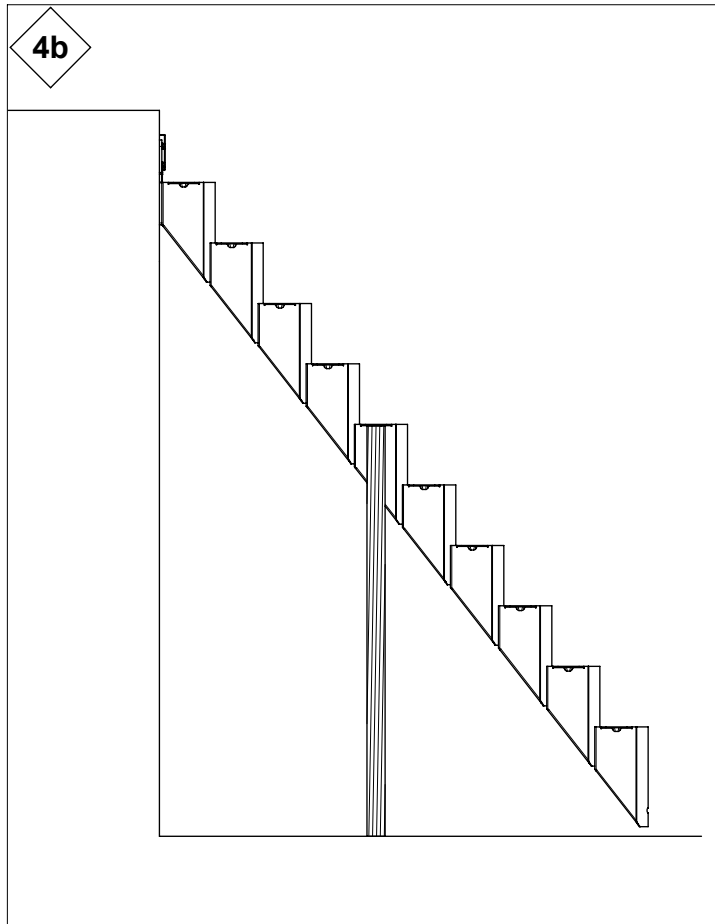
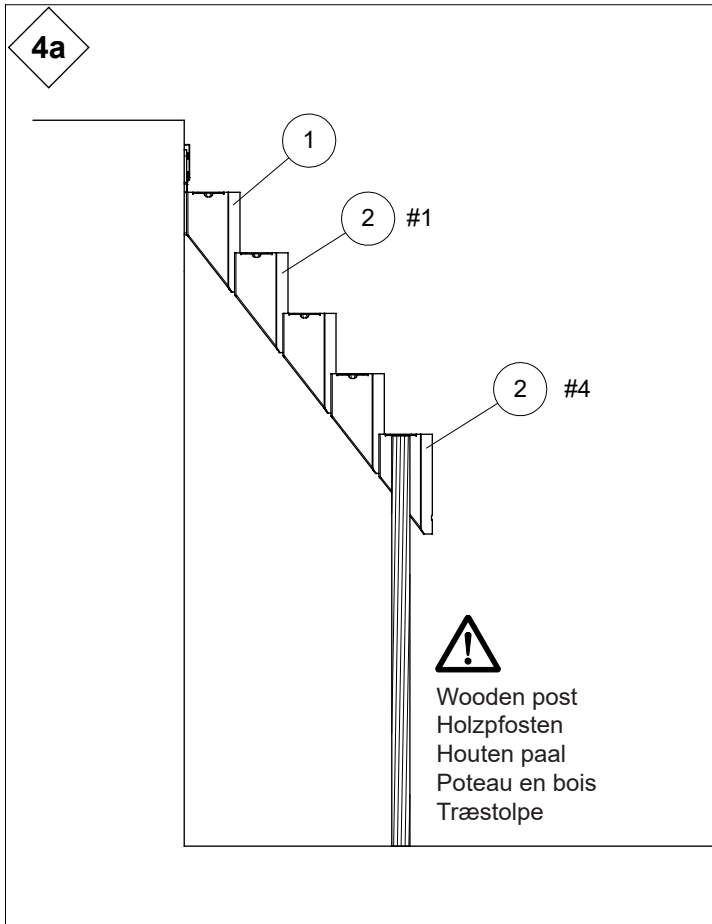
T	min H	max H
9	1850 mm	2150 mm
10	2035 mm	2365 mm
11	2220 mm	2580 mm
12	2405 mm	2795 mm
13	2590 mm	3010 mm



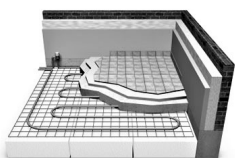


3

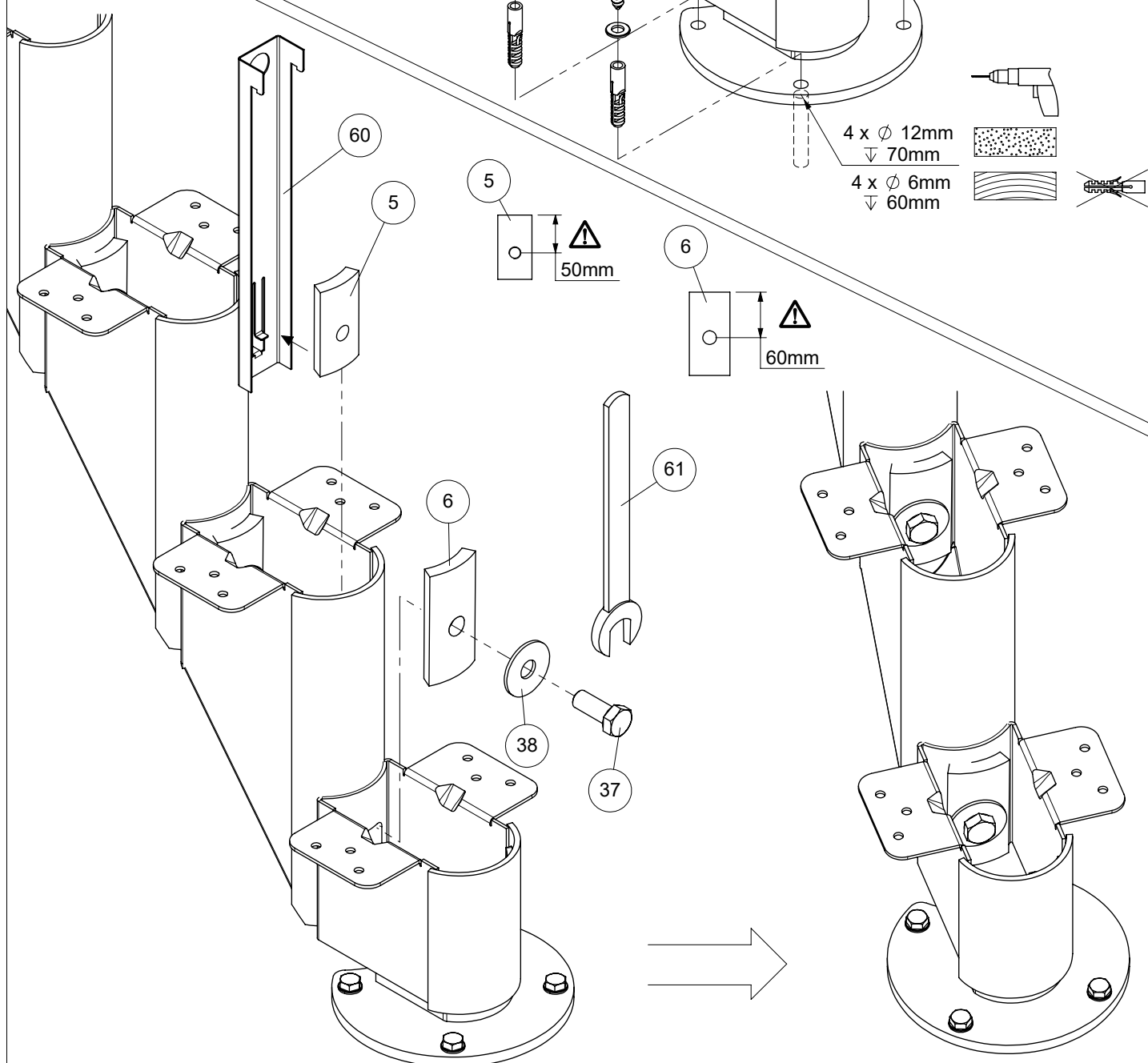


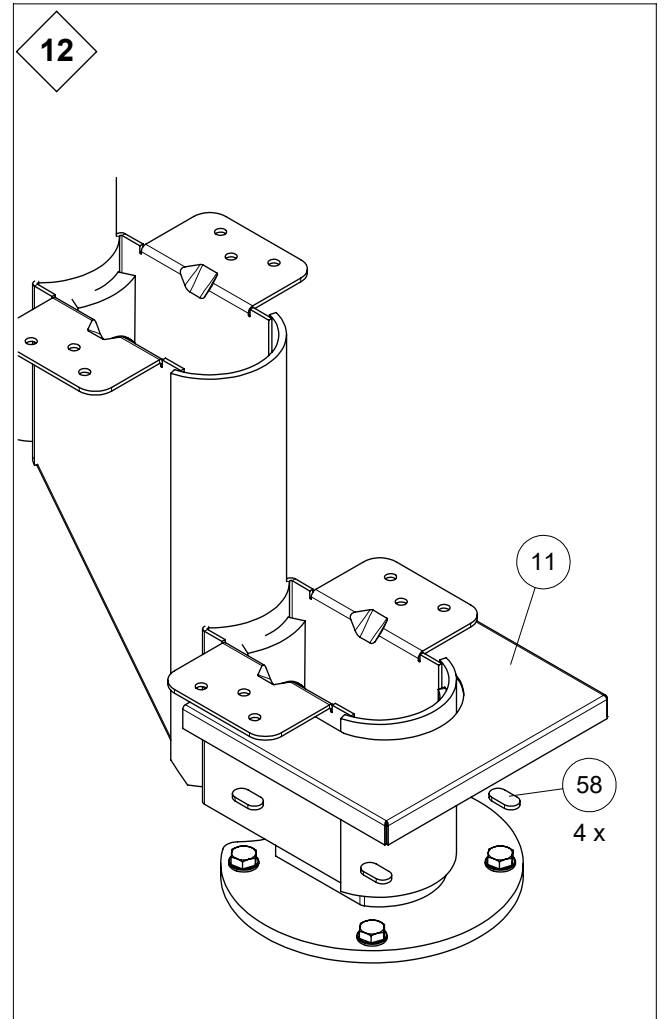
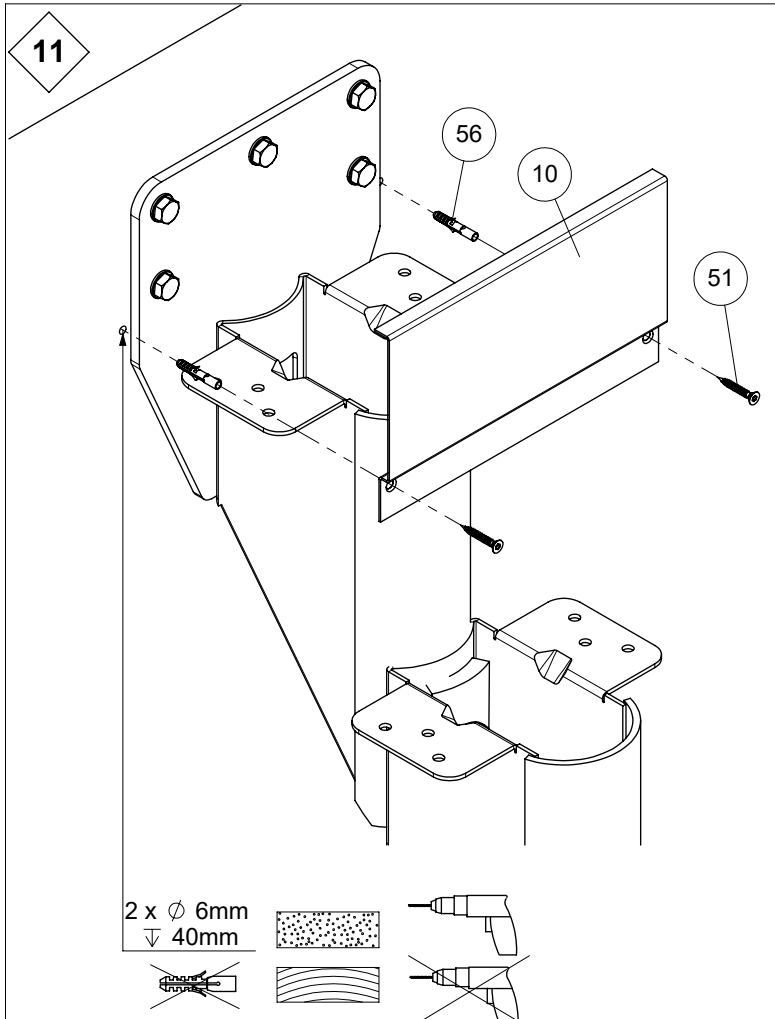
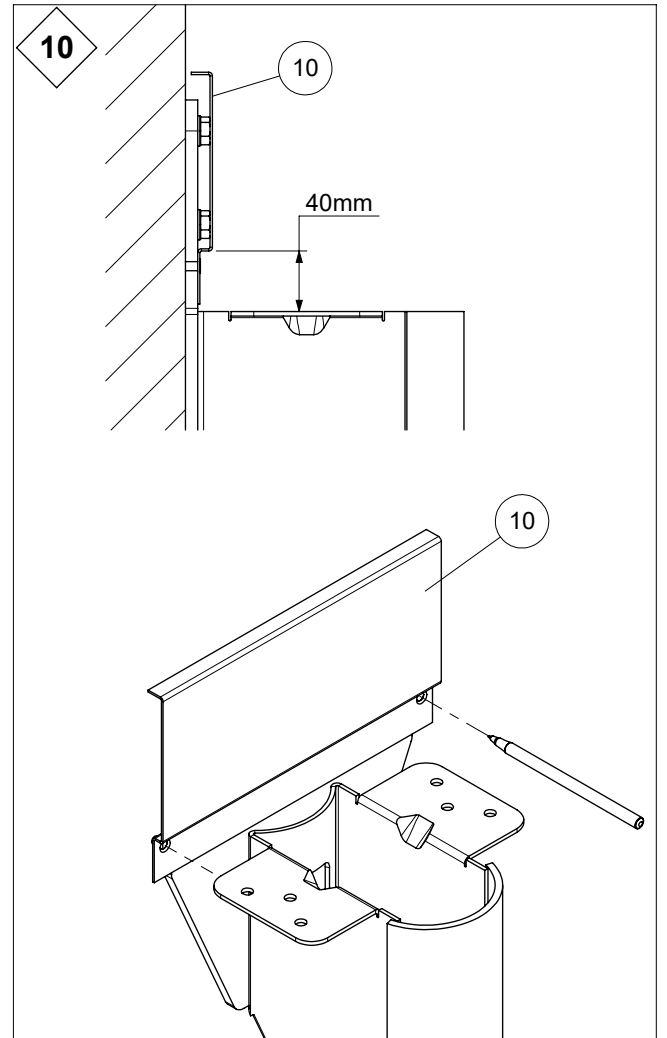
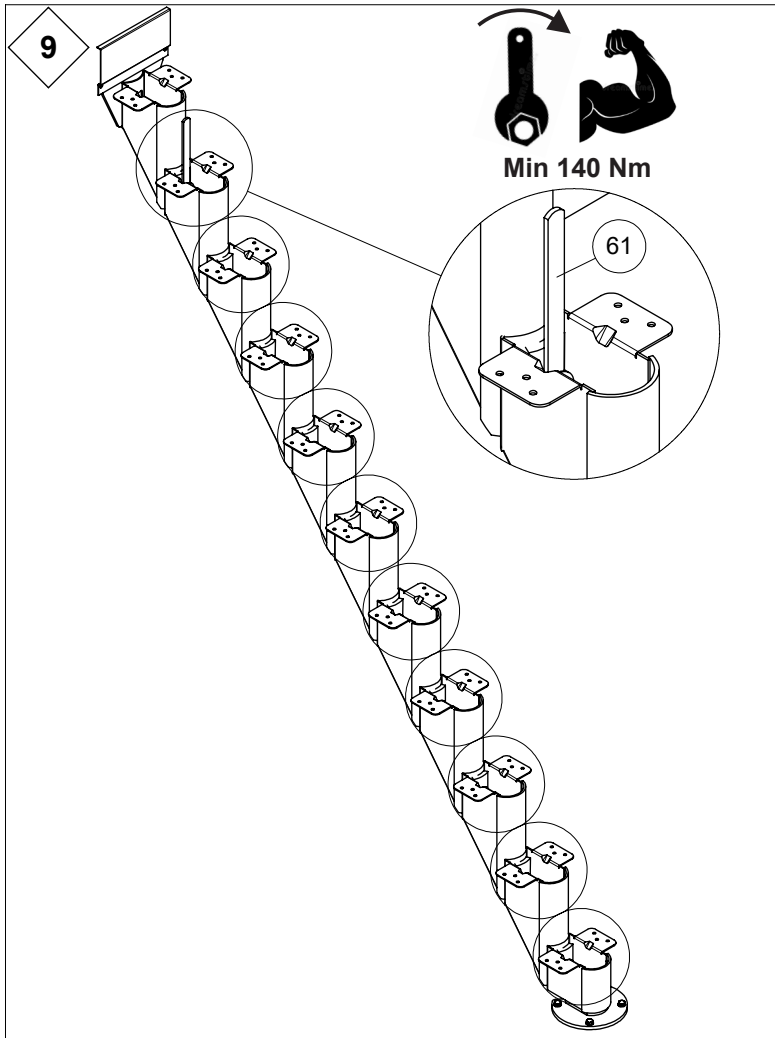


7

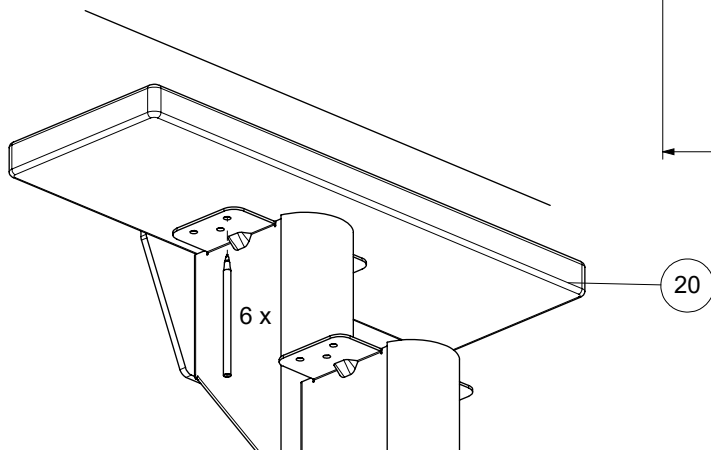
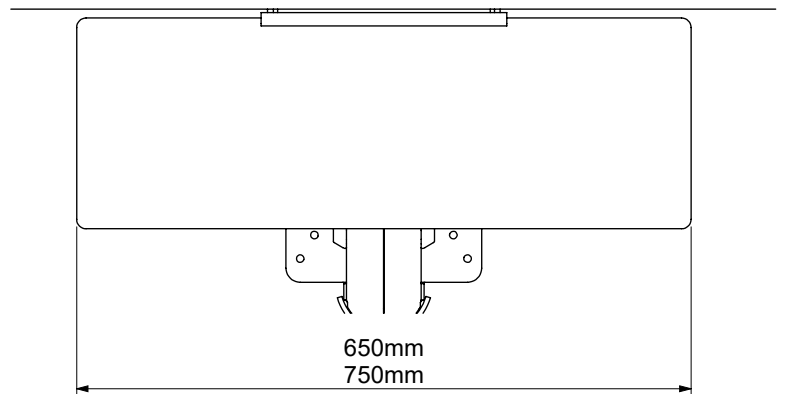
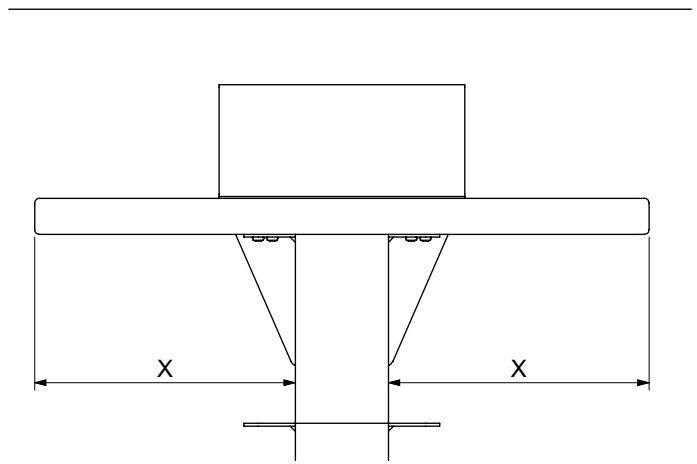
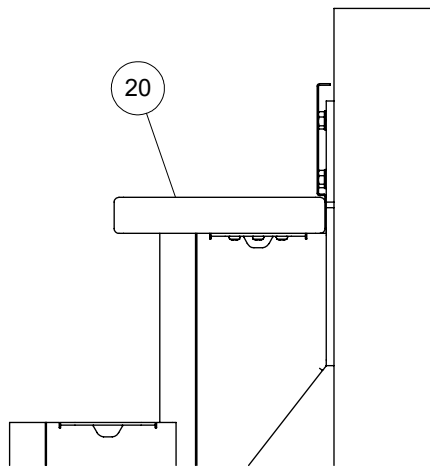


8

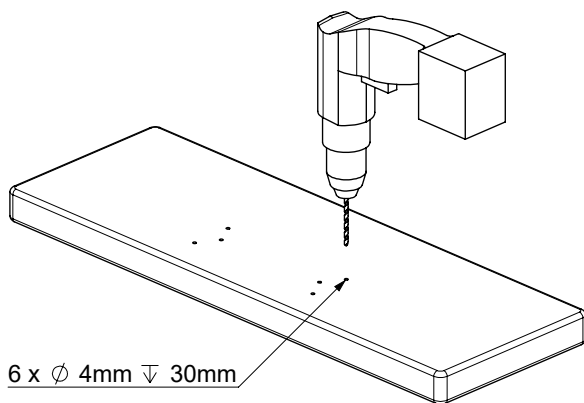




13

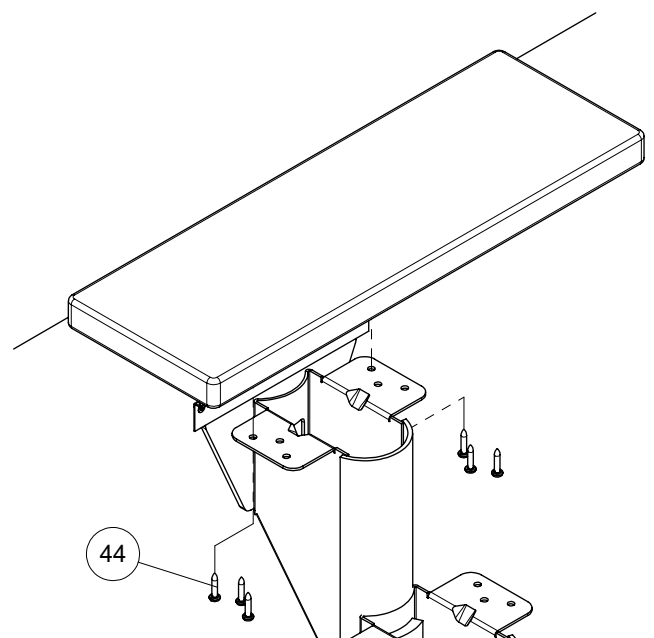


14

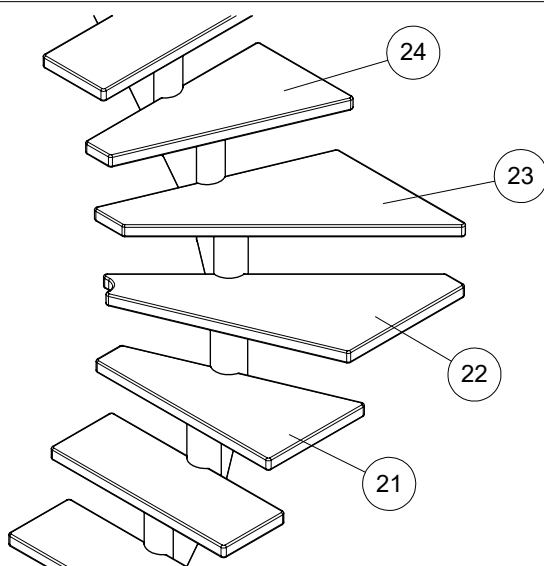
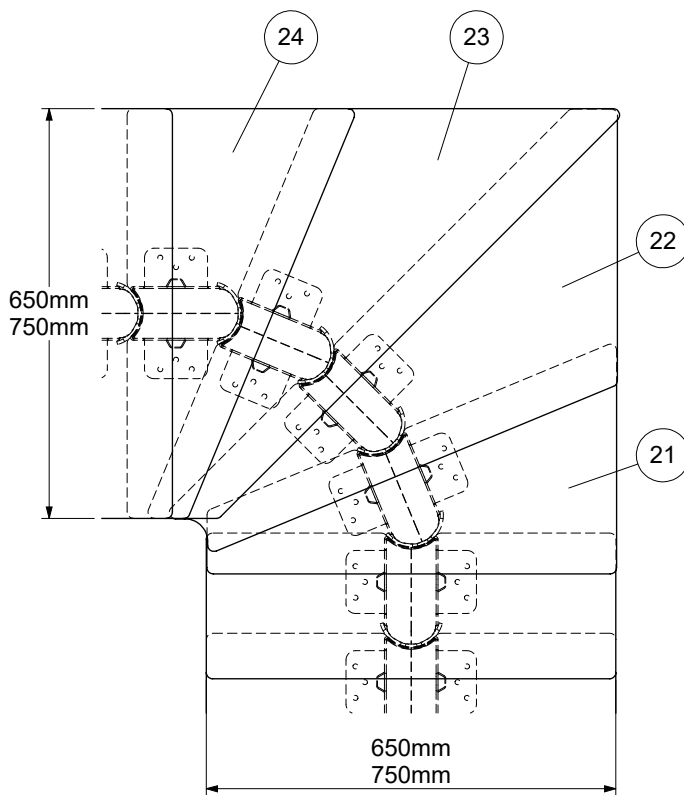
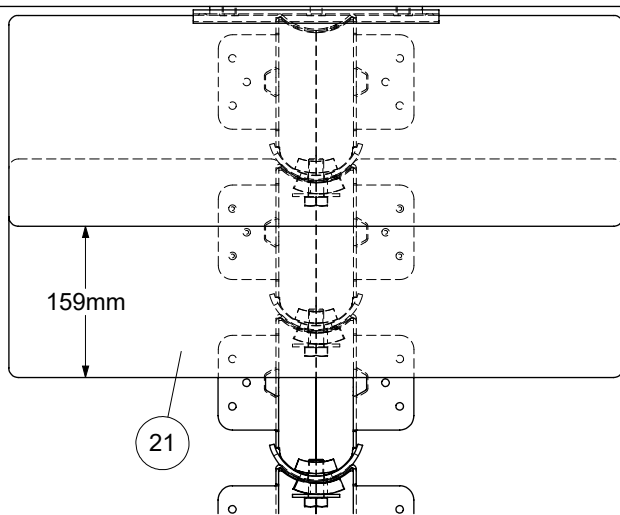


6 x Ø 4mm ∇ 30mm

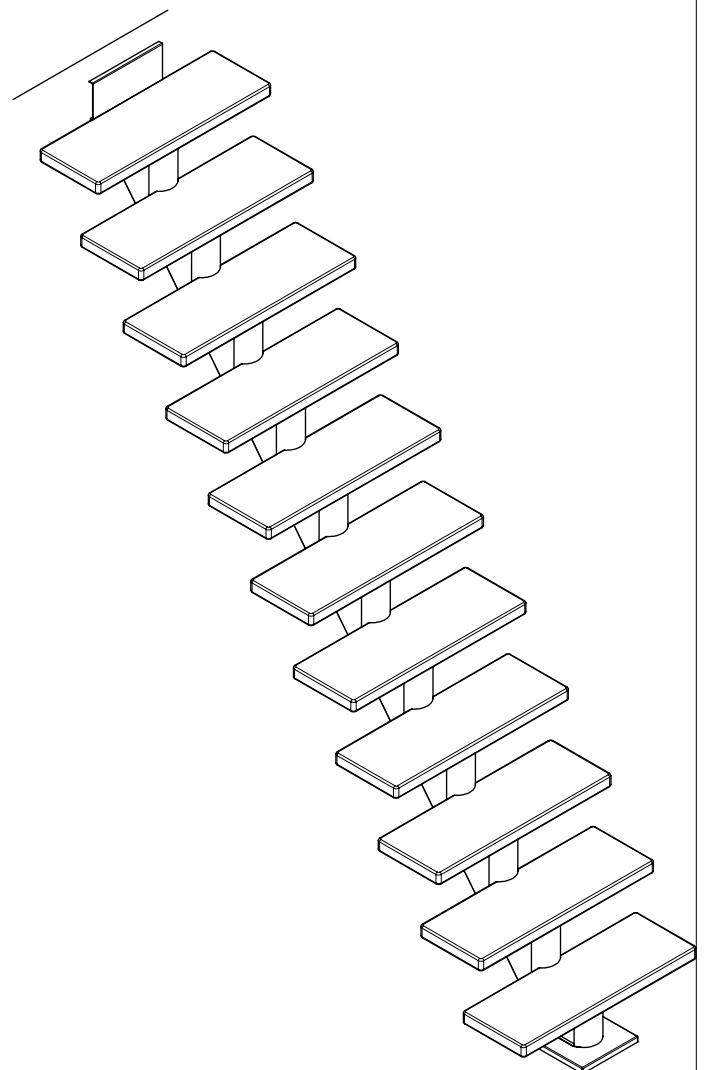
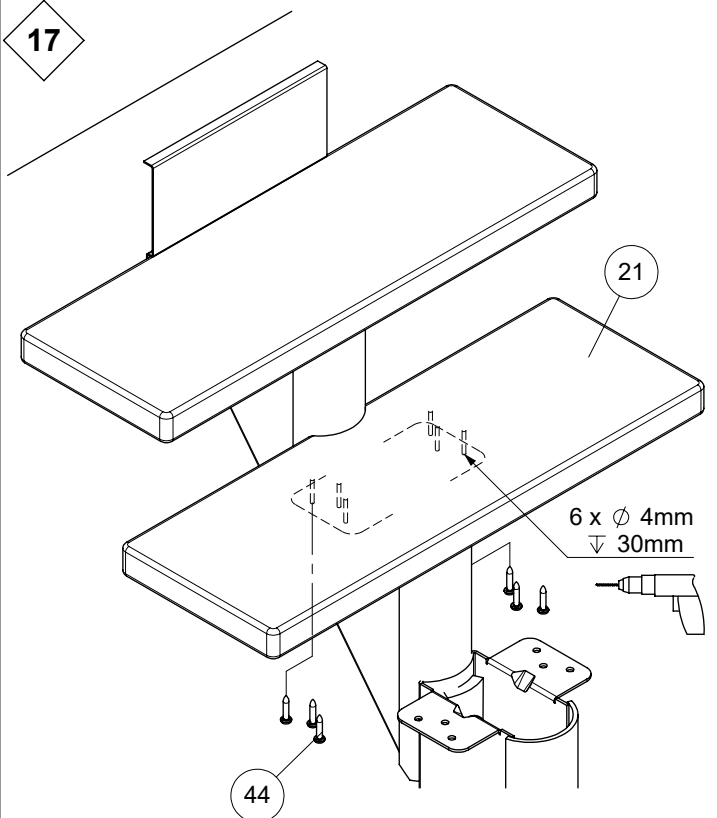
15



16



17



18

I

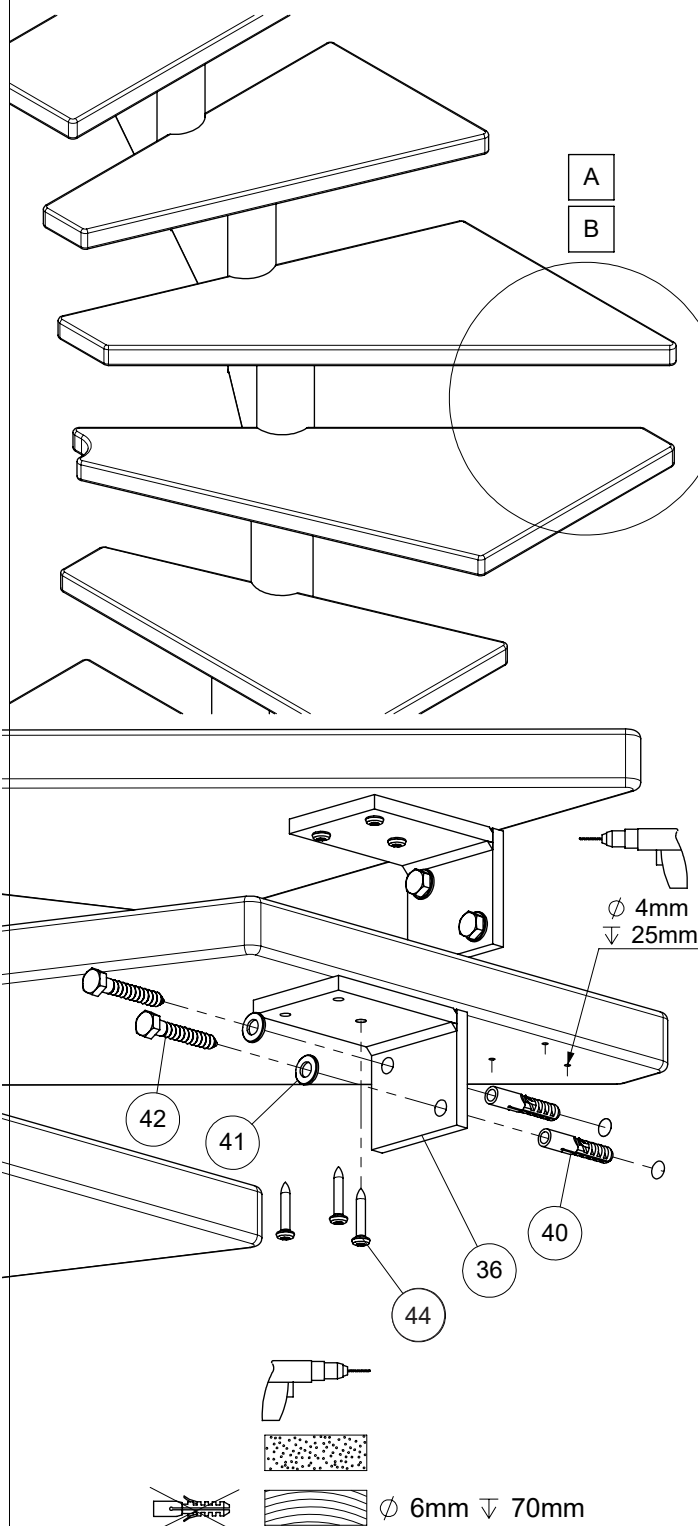
Mounting of wallbrackets is optional
 Die Montage von Wandhalterungen ist optional
 Montage van muurbeugels is optioneel
 Le montage de supports muraux est facultatif
 Montering af vægbeslag er valgfri

L

2 wall brackets in position A or B
 2 Wandhalterungen in der Position A oder B
 2 muurbeugels in positie A of B
 2 supports mural dans la position A ou B
 2 vægbeslag i position A eller B

U

4 wall brackets in position A or B
 4 Wandhalterungen in der Position A oder B
 4 muurbeugels in positie A of B
 4 supports mural dans la position A ou B
 4 vægbeslag i position A eller B



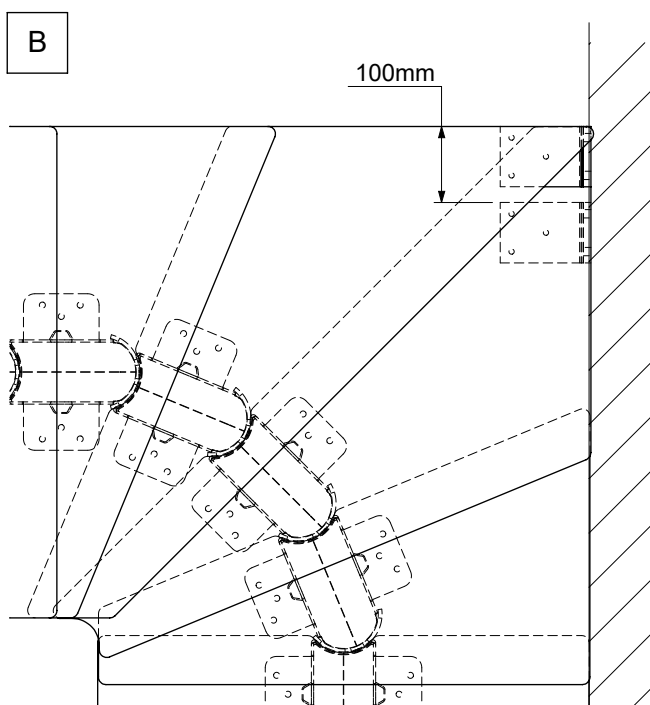
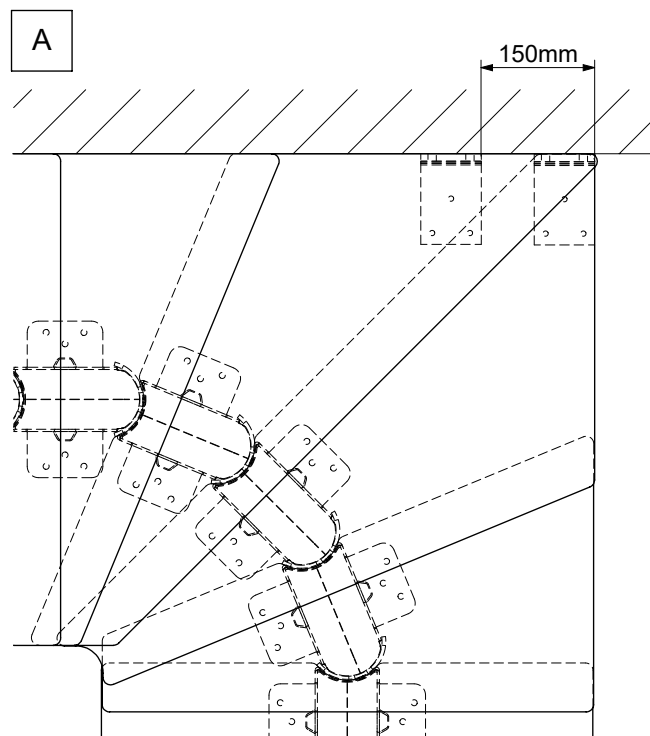
2 wall brackets must be mounted on a 1/4 turn or 4 on a 1/2 turn staircase.

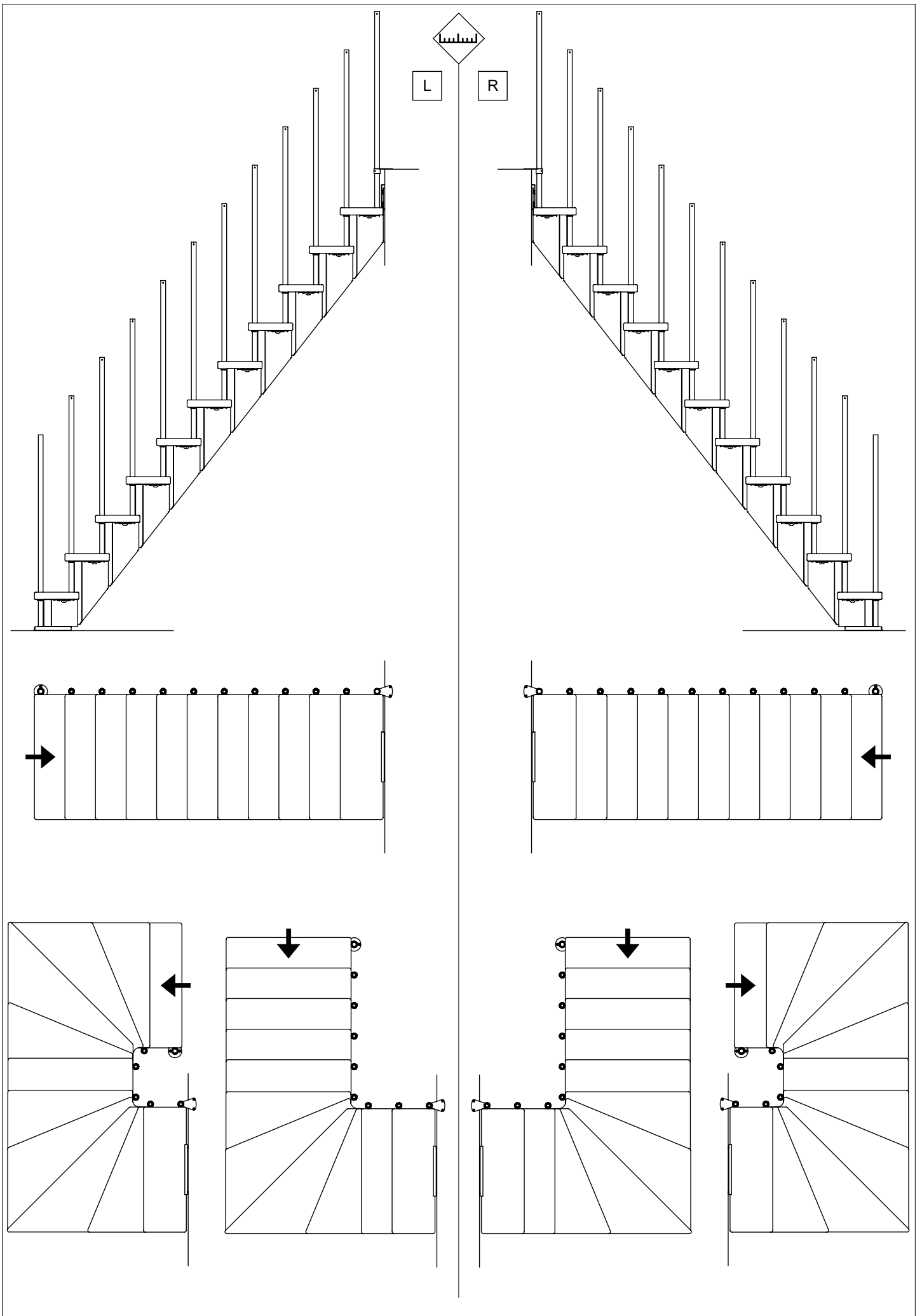
2 Wandhalterungen müssen auf einer 1/4-gewendelten oder 4 auf einer 1/2-gewendelten Treppe montiert werden.

2 muurbeugels moeten gemonteerd worden op een 1/4 draai of 4 op een 1/2 draai trap.

2 supports mural doivent être monté sur un escalier 1/4 ou 4 sur un escalier 1/2 tournant.

2 vægvinkler er påkrævet i en 1/4-svings- eller 4 i en 1/2-svings-trappe.





19a

Diagram 19a illustrates the mounting of the vertical pole (16) to the wall. The main diagram shows the pole (16) being attached to a wall using a bracket (7) and a screw (8). A pencil is shown marking the wall. An inset diagram shows a close-up of the bracket (7) being secured to the wall with a screw (8), with a 31mm dimension line indicating the distance from the wall to the center of the bracket.

19b

53

54

55

55

52

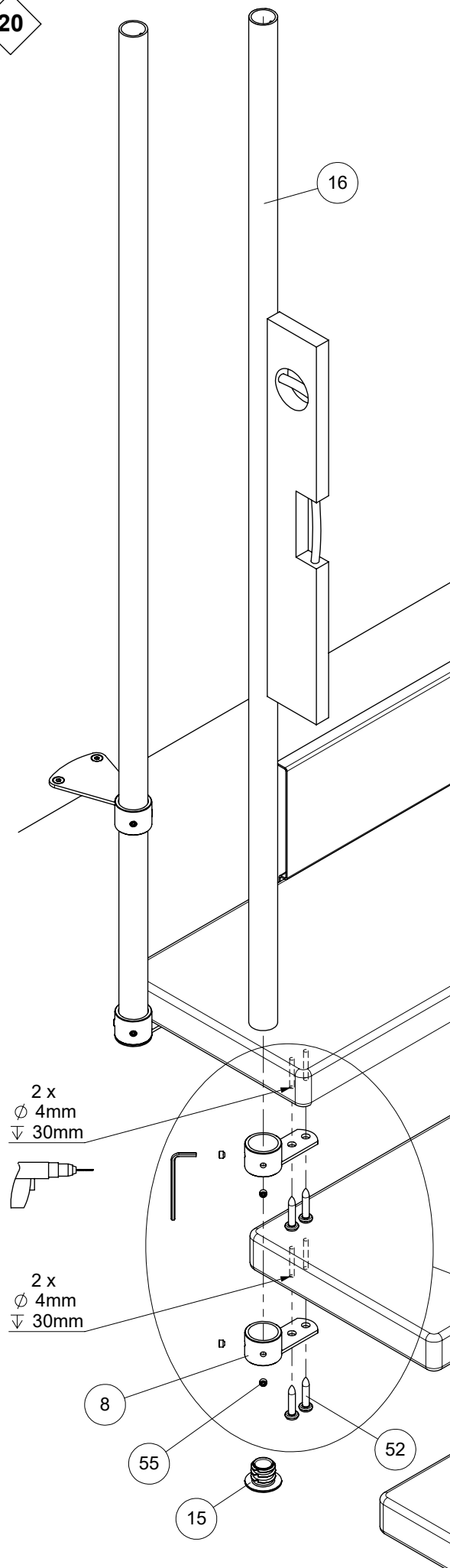
15

2 x
Ø 4mm
↓
30mm

2 x
Ø 8mm
↓
50mm

avoid drilling

20



21

