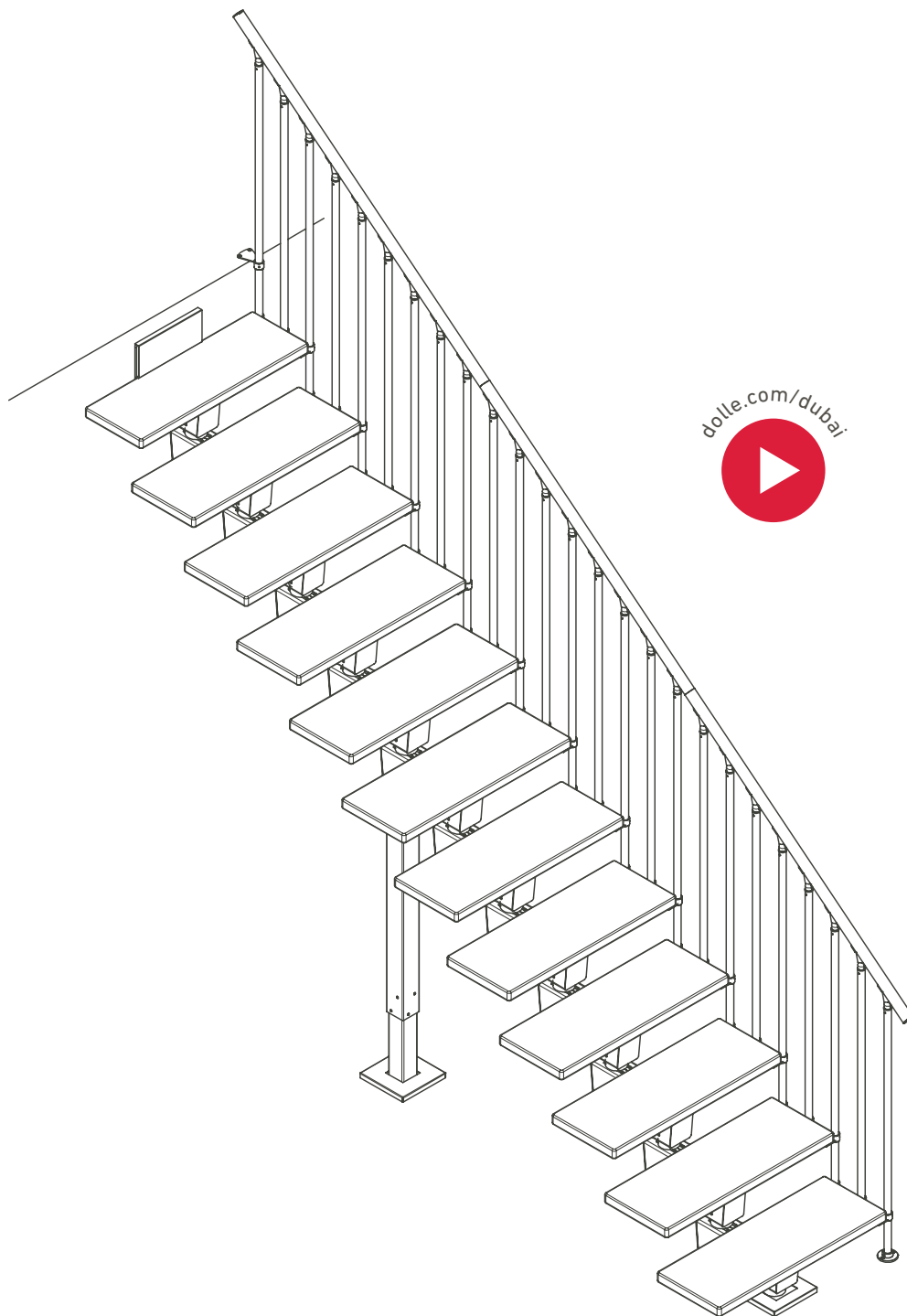


DOLLE®



dolle.com/dubai



CLASSIC BANISTER

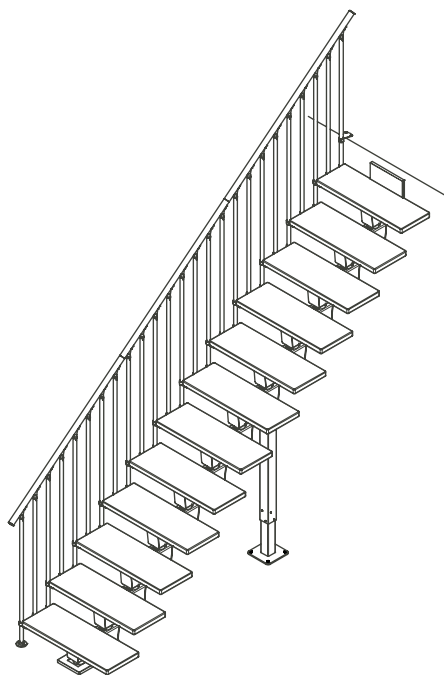
DUBAI

INSTRUCTION / MONTAGEANLEITUNG
INSTRUKTION / INSTRUCCIÓN / INSTRUKCJA

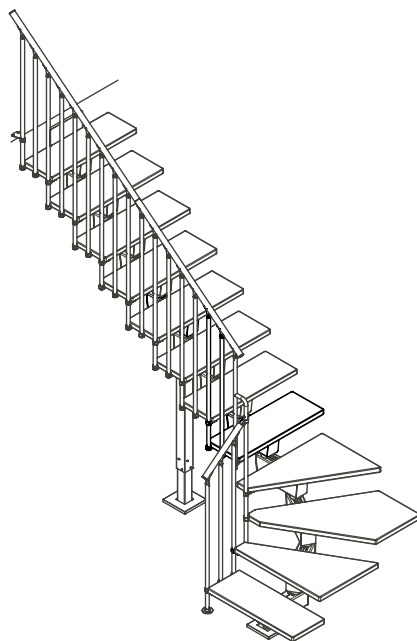
SO GEM

PART OF DOLLE GROUP

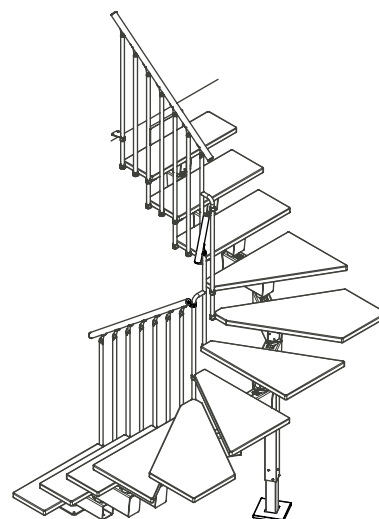
I



L



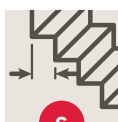
U



H



S



G



T

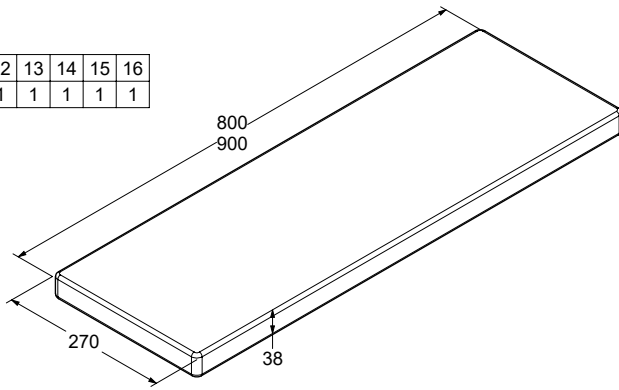


R

	Height floor-to-floor	Rise height	Going (of tread)	Number of treads	Total going length
	Geschosshöhe	Steigungshöhe	Auftrittsbreite	Anzahl Stufen	Ausladung länge
	Hauteur sol-sol	Hauteur de marche	Giron	Nombre de marches	Recul total - longueur
	Altura de suelo/suelo	Altura de peldaños	Huella	Numero de peldaños	Espacio al suelo largura
	Altura do chão / chão	Altura do degrau	Pegada	Número de etapas (degraus)	Comprimento do piso
	Hoogte vloer/vloer	Hoogte trede	Aantrede	Aantal treden	Totale terugloop - lengte
	Etagehøjde	Stigningshøjde	Grund	Antal trin	Udladning længde
	Golv till golv höjd	Stigningshöjd	Grund	Antal steg	Trapplängd
	Wysokość podłogi-podłogi	Wysokość stopnia	Głębokość stopnia	Ilość stopni	Zabieg schodów- długość
	Înălțime sol-sol	Înălțime treaptă	Lățime utilă treaptă	Număr trepte	Proiecția la sol lungime
	Výška patra podlaha-podlaha	Výška schodu	Hloubka nášlapu	Počet nášlapů	Celková pochozí délka
	Высота от пола до пола	Шаг ступени	Глубина ступени	Кол-во ступеней	Забегная часть лестницы - длина
	Aukšto aukštis	Pakopos aukštis	Pakopos gylis	Pakopų kiekis	Laiptų posūkis - ilgis
	Stāva augstums	Pakāpiena augstums	Pakāpiena dziļums	Pakāpienu skaits	Kāpņu pagrieziens — garums
	Korruse kõrgus	Astme kõrgus	Astme sügavus	Astmete arv	Trepimarsis- pikkus
	Višina nadstropja	Višina stopnice	Hodalna globina stopnice	Število stopnic	Širina 1 prostora stopnišča
	Visina kata	Visina stepenice	Dubina stuba	Broj stepenica	Zavoj stepenica- duljina
	Výška podlažia	Výška stupňa	Hĺbka stupňa	Počet stupňov	Rameno – dĺžka

20

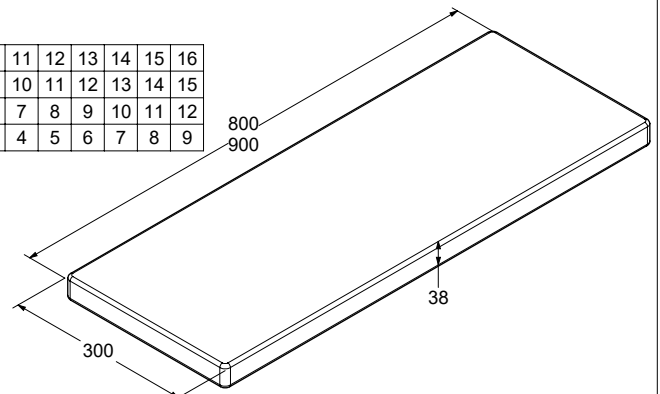
	11	12	13	14	15	16
x	1	1	1	1	1	1



M2-1078500 800 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078510 800 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078520 800 mm Oak white / Eiche weiss / Eik wit / Chêne blanc / Eg hvid
M2-1078550 900 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078560 900 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078570 900 mm Oak white / Eiche weiss / Eik wit / Chêne blanc / Eg hvid

21

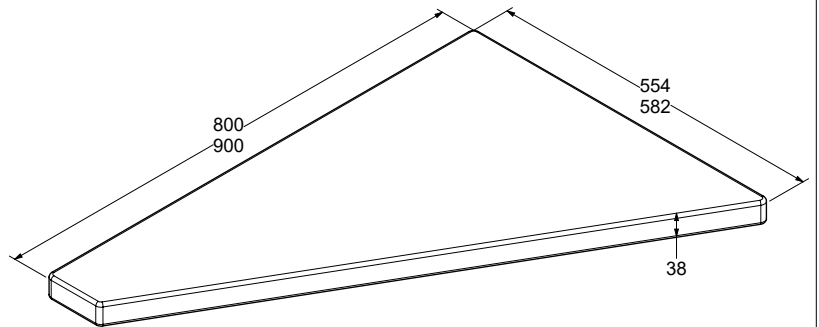
		11	12	13	14	15	16
x	I	10	11	12	13	14	15
	L	7	8	9	10	11	12
	U	4	5	6	7	8	9



M2-1078501 800 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078511 800 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078521 800 mm Oak white / Eiche weiss / Eik wit / Chêne blanc / Eg hvid
M2-1078551 900 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078561 900 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078571 900 mm Oak white / Eiche weiss / Eik wit / Chêne blanc / Eg hvid

24

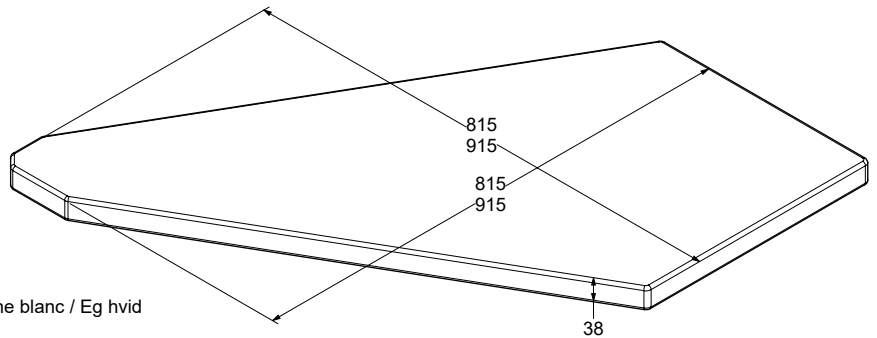
	I	0
x	L	1
	U	2



M2-1078507 800 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078517 800 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078527 800 mm Oak white / Eiche weiss / Eik wit / Chêne blanc / Eg hvid
M2-1078557 900 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078567 900 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078577 900 mm Oak white / Eiche weiss / Eik wit / Chêne blanc / Eg hvid

23

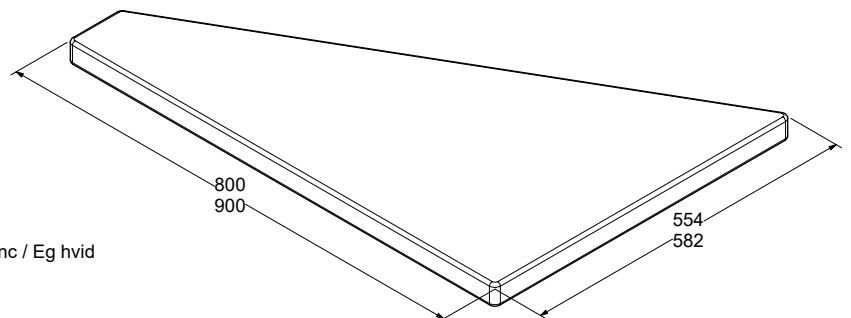
	I	0
x	L	1
	U	2



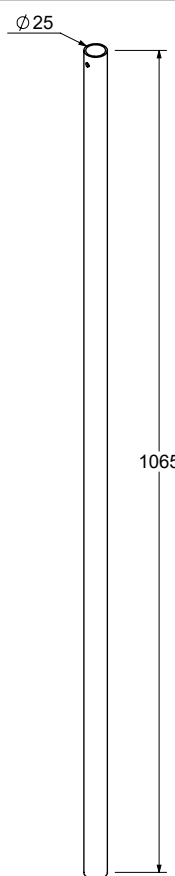
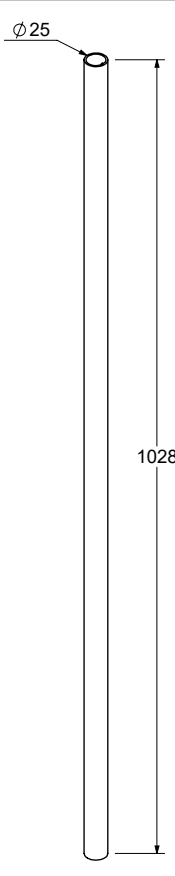
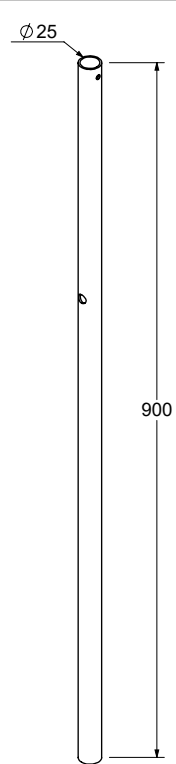
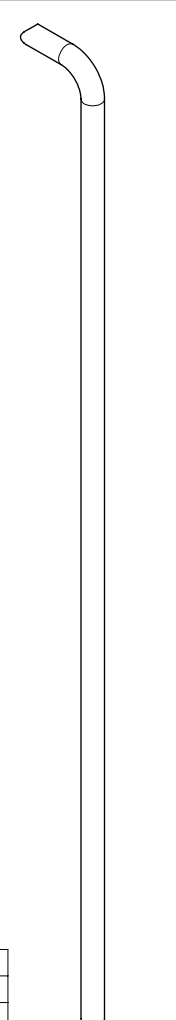
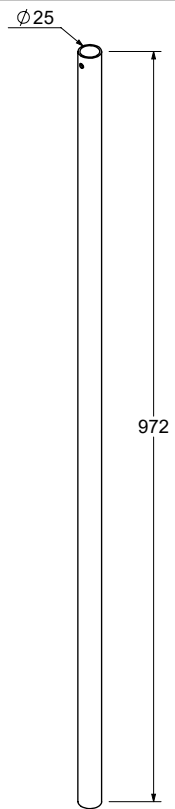
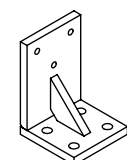
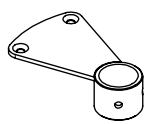
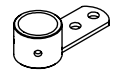
M2-1078508 800 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078518 800 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078528 800 mm Oak white / Eiche weiss / Eik wit / Chêne blanc / Eg hvid
M2-1078558 900 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078568 900 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078578 900 mm Oak white / Eiche weiss / Eik wit / Chêne blanc / Eg hvid

22

	I	0
x	L	1
	U	2



M2-1078509 800 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078519 800 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078529 800 mm Oak white / Eiche weiss / Eik wit / Chêne blanc / Eg hvid
M2-1078559 900 mm Beech / Buche / Beuk / Hêtre / Bøg
M2-1078569 900 mm Oak / Eiche / Eik / Chêne / Eg
M2-1078579 900 mm Oak white / Eiche weiss / Eik wit / Chêne blanc / Eg hvid

25  <table><tr><td></td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td rowspan="3">x</td><td>I</td><td>12</td><td>12</td><td>13</td><td>14</td><td>15</td></tr><tr><td>L</td><td>12</td><td>12</td><td>12</td><td>12</td><td>13</td></tr><tr><td>U</td><td>12</td><td>12</td><td>12</td><td>12</td><td>12</td></tr></table> K1-1077655 RAL 7016 K1-1077656 RAL 9005 K1-1077657 Pearl grey K1-1077658 RAL 9016		11	12	13	14	15	16	x	I	12	12	13	14	15	L	12	12	12	12	13	U	12	12	12	12	12	26  <table><tr><td rowspan="3">x</td><td>I</td><td>1</td></tr><tr><td>L</td><td>1</td></tr><tr><td>U</td><td>1</td></tr></table> K1-1077650 RAL 7016 K1-1077651 RAL 9005 K1-1077652 Pearl grey K1-1077653 RAL 9016	x	I	1	L	1	U	1	27  <table><tr><td rowspan="3">x</td><td>I</td><td>0</td></tr><tr><td>L</td><td>1</td></tr><tr><td>U</td><td>2</td></tr></table> K1-1077665 RAL 7016 K1-1077666 RAL 9005 K1-1077667 Pearl grey K1-1077668 RAL 9016	x	I	0	L	1	U	2	28  <table><tr><td rowspan="3">x</td><td>I</td><td>0</td></tr><tr><td>L</td><td>1</td></tr><tr><td>U</td><td>2</td></tr></table> K2-1077670 RAL 7016 K2-1077671 RAL 9005 K2-1077672 Pearl grey K2-1077673 RAL 9016	x	I	0	L	1	U	2	29  <table><tr><td></td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td rowspan="4">X Classic III III</td><td>I</td><td>12</td><td>12</td><td>13</td><td>13</td><td>14</td></tr><tr><td></td><td>24</td><td>24</td><td>24</td><td>28</td><td>28</td></tr><tr><td>L</td><td>12</td><td>12</td><td>12</td><td>12</td><td>12</td></tr><tr><td></td><td>24</td><td>24</td><td>24</td><td>24</td><td>26</td></tr><tr><td></td><td>U</td><td>12</td><td>12</td><td>12</td><td>12</td><td>12</td></tr><tr><td></td><td></td><td>24</td><td>24</td><td>24</td><td>24</td><td>24</td></tr></table> K1-1077660 RAL 7016 K1-1077661 RAL 9005 K1-1077662 Pearl grey K1-1077663 RAL 9016		11	12	13	14	15	16	X Classic III III	I	12	12	13	13	14		24	24	24	28	28	L	12	12	12	12	12		24	24	24	24	26		U	12	12	12	12	12			24	24	24	24	24																				
	11	12	13	14	15	16																																																																																																															
x	I	12	12	13	14	15																																																																																																															
	L	12	12	12	12	13																																																																																																															
	U	12	12	12	12	12																																																																																																															
x	I	1																																																																																																																			
	L	1																																																																																																																			
	U	1																																																																																																																			
x	I	0																																																																																																																			
	L	1																																																																																																																			
	U	2																																																																																																																			
x	I	0																																																																																																																			
	L	1																																																																																																																			
	U	2																																																																																																																			
	11	12	13	14	15	16																																																																																																															
X Classic III III	I	12	12	13	13	14																																																																																																															
		24	24	24	28	28																																																																																																															
	L	12	12	12	12	12																																																																																																															
		24	24	24	24	26																																																																																																															
	U	12	12	12	12	12																																																																																																															
		24	24	24	24	24																																																																																																															
30  <table><tr><td rowspan="3">x</td><td>I</td><td>4</td></tr><tr><td>L</td><td>4</td></tr><tr><td>U</td><td>4</td></tr></table> K2-1077850 RAL 7016 K2-1077851 RAL 9005 K2-1077852 Pearl grey K2-1077853 RAL 9016	x	I	4	L	4	U	4	31  <table><tr><td rowspan="3">x</td><td>I</td><td>1</td></tr><tr><td>L</td><td>1</td></tr><tr><td>U</td><td>1</td></tr></table> K2-1077030 RAL 7016 K2-1077031 RAL 9005 K2-1077032 Pearl grey K2-1077033 RAL 9016	x	I	1	L	1	U	1	32  <table><tr><td></td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td rowspan="4">X Classic III III</td><td>I</td><td>36</td><td>36</td><td>39</td><td>42</td><td>45</td></tr><tr><td></td><td>48</td><td>48</td><td>52</td><td>56</td><td>60</td></tr><tr><td>L</td><td>36</td><td>36</td><td>36</td><td>36</td><td>39</td></tr><tr><td></td><td>48</td><td>48</td><td>48</td><td>48</td><td>52</td></tr><tr><td></td><td>U</td><td>36</td><td>36</td><td>36</td><td>36</td><td>36</td></tr><tr><td></td><td></td><td>48</td><td>48</td><td>48</td><td>48</td><td>48</td></tr></table> K2-1077025 RAL 7016 K2-1077031 RAL 9005 K2-1077032 Pearl grey K2-1077033 RAL 9016		11	12	13	14	15	16	X Classic III III	I	36	36	39	42	45		48	48	52	56	60	L	36	36	36	36	39		48	48	48	48	52		U	36	36	36	36	36			48	48	48	48	48	33  <table><tr><td></td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td rowspan="4">X Classic III III</td><td>I</td><td>24</td><td>24</td><td>26</td><td>28</td><td>30</td></tr><tr><td></td><td>36</td><td>36</td><td>39</td><td>42</td><td>45</td></tr><tr><td>L</td><td>24</td><td>24</td><td>24</td><td>24</td><td>26</td></tr><tr><td></td><td>36</td><td>36</td><td>36</td><td>36</td><td>39</td></tr><tr><td></td><td>U</td><td>24</td><td>24</td><td>24</td><td>24</td><td>24</td></tr><tr><td></td><td></td><td>36</td><td>36</td><td>36</td><td>36</td><td>36</td></tr></table> K1-1077045 RAL 7016 K1-1077046 RAL 9005 K1-1077047 Pearl grey K1-1077048 RAL 9016		11	12	13	14	15	16	X Classic III III	I	24	24	26	28	30		36	36	39	42	45	L	24	24	24	24	26		36	36	36	36	39		U	24	24	24	24	24			36	36	36	36	36	34  <table><tr><td rowspan="3">x</td><td>I</td><td>1</td></tr><tr><td>L</td><td>1</td></tr><tr><td>U</td><td>1</td></tr></table> K2-1077610 RAL 7016 K2-1077611 RAL 9005 K2-1077612 Pearl grey K2-1077613 RAL 9016	x	I	1	L	1	U	1
x		I	4																																																																																																																		
		L	4																																																																																																																		
	U	4																																																																																																																			
x	I	1																																																																																																																			
	L	1																																																																																																																			
	U	1																																																																																																																			
	11	12	13	14	15	16																																																																																																															
X Classic III III	I	36	36	39	42	45																																																																																																															
		48	48	52	56	60																																																																																																															
	L	36	36	36	36	39																																																																																																															
		48	48	48	48	52																																																																																																															
	U	36	36	36	36	36																																																																																																															
		48	48	48	48	48																																																																																																															
	11	12	13	14	15	16																																																																																																															
X Classic III III	I	24	24	26	28	30																																																																																																															
		36	36	39	42	45																																																																																																															
	L	24	24	24	24	26																																																																																																															
		36	36	36	36	39																																																																																																															
	U	24	24	24	24	24																																																																																																															
		36	36	36	36	36																																																																																																															
x	I	1																																																																																																																			
	L	1																																																																																																																			
	U	1																																																																																																																			
35  <table><tr><td rowspan="3">x</td><td>I</td><td>0</td></tr><tr><td>L</td><td>1</td></tr><tr><td>U</td><td>2</td></tr></table> K2-1077685 RAL 7016 K2-1077686 RAL 9005 K2-1077687 Pearl grey K2-1077688 RAL 9016	x	I	0	L	1	U	2	36  <table><tr><td rowspan="3">x</td><td>I</td><td>0</td></tr><tr><td>L</td><td>1</td></tr><tr><td>U</td><td>2</td></tr></table> K1-1077645 RAL 7016 K1-1077646 RAL 9005 K1-1077647 Pearl grey K1-1077648 RAL 9016	x	I	0	L	1	U	2	37  <table><tr><td></td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr><tr><td rowspan="4">X Classic III III</td><td>I</td><td>25</td><td>25</td><td>27</td><td>29</td><td>31</td></tr><tr><td></td><td>37</td><td>37</td><td>40</td><td>43</td><td>46</td></tr><tr><td>L</td><td>25</td><td>25</td><td>25</td><td>25</td><td>27</td></tr><tr><td></td><td>37</td><td>37</td><td>37</td><td>37</td><td>40</td></tr><tr><td></td><td>U</td><td>25</td><td>25</td><td>25</td><td>25</td><td>25</td></tr><tr><td></td><td></td><td>37</td><td>37</td><td>37</td><td>37</td><td>37</td></tr></table> K2-1077195 RAL 7016 K2-1077196 RAL 9005 K2-1077197 Pearl grey K2-1077198 RAL 9016		11	12	13	14	15	16	X Classic III III	I	25	25	27	29	31		37	37	40	43	46	L	25	25	25	25	27		37	37	37	37	40		U	25	25	25	25	25			37	37	37	37	37	38  <table><tr><td rowspan="3">x</td><td>I</td><td>0</td></tr><tr><td>L</td><td>1</td></tr><tr><td>U</td><td>2</td></tr></table> K2-1077690 RAL 7016 K2-1077691 RAL 9005 K2-1077692 Pearl grey K2-1077693 RAL 9016	x	I	0	L	1	U	2	39  <table><tr><td rowspan="3">x</td><td>I</td><td>6</td></tr><tr><td>L</td><td>6</td></tr><tr><td>U</td><td>6</td></tr></table> K1-1077150 RAL 7016 K1-1077151 RAL 9005 K1-1077152 Pearl grey K1-1077153 RAL 9016	x	I	6	L	6	U	6																																							
x		I	0																																																																																																																		
		L	1																																																																																																																		
	U	2																																																																																																																			
x	I	0																																																																																																																			
	L	1																																																																																																																			
	U	2																																																																																																																			
	11	12	13	14	15	16																																																																																																															
X Classic III III	I	25	25	27	29	31																																																																																																															
		37	37	40	43	46																																																																																																															
	L	25	25	25	25	27																																																																																																															
		37	37	37	37	40																																																																																																															
	U	25	25	25	25	25																																																																																																															
		37	37	37	37	37																																																																																																															
x	I	0																																																																																																																			
	L	1																																																																																																																			
	U	2																																																																																																																			
x	I	6																																																																																																																			
	L	6																																																																																																																			
	U	6																																																																																																																			

40



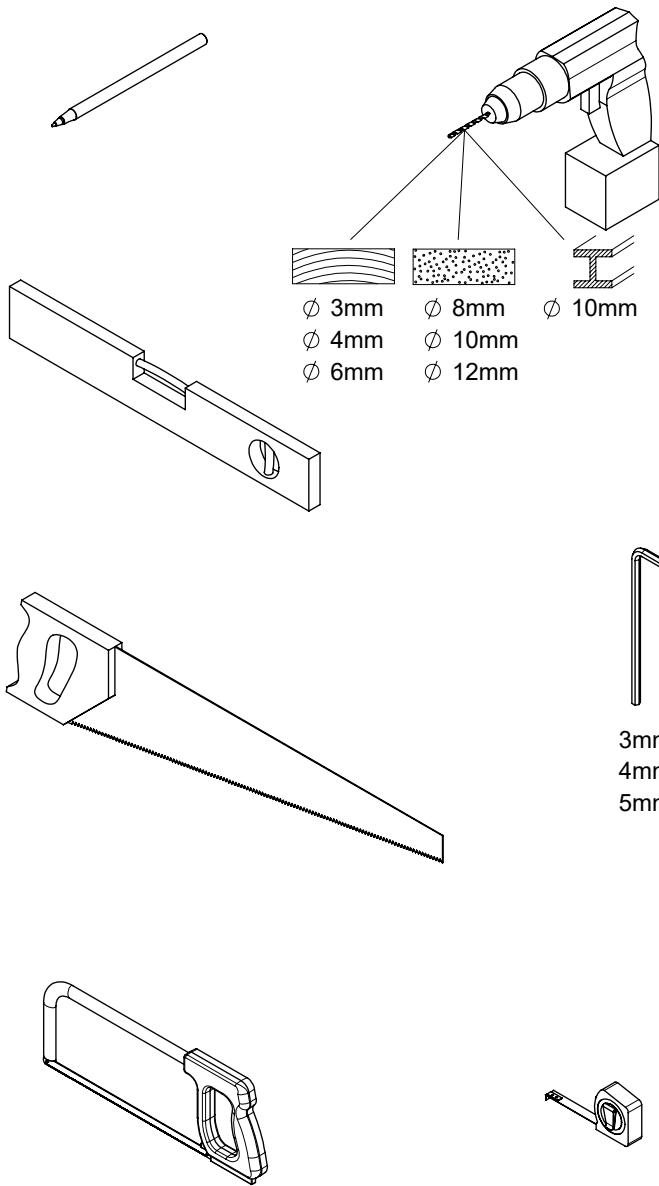
Tools not included!

Werkzeuge nicht enthalten!

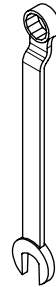
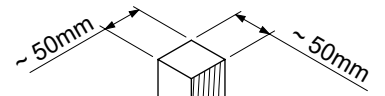
Gereedschap niet inbegrepen!

Outils non inclus!

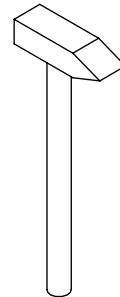
Værktøj ikke inkluderet!

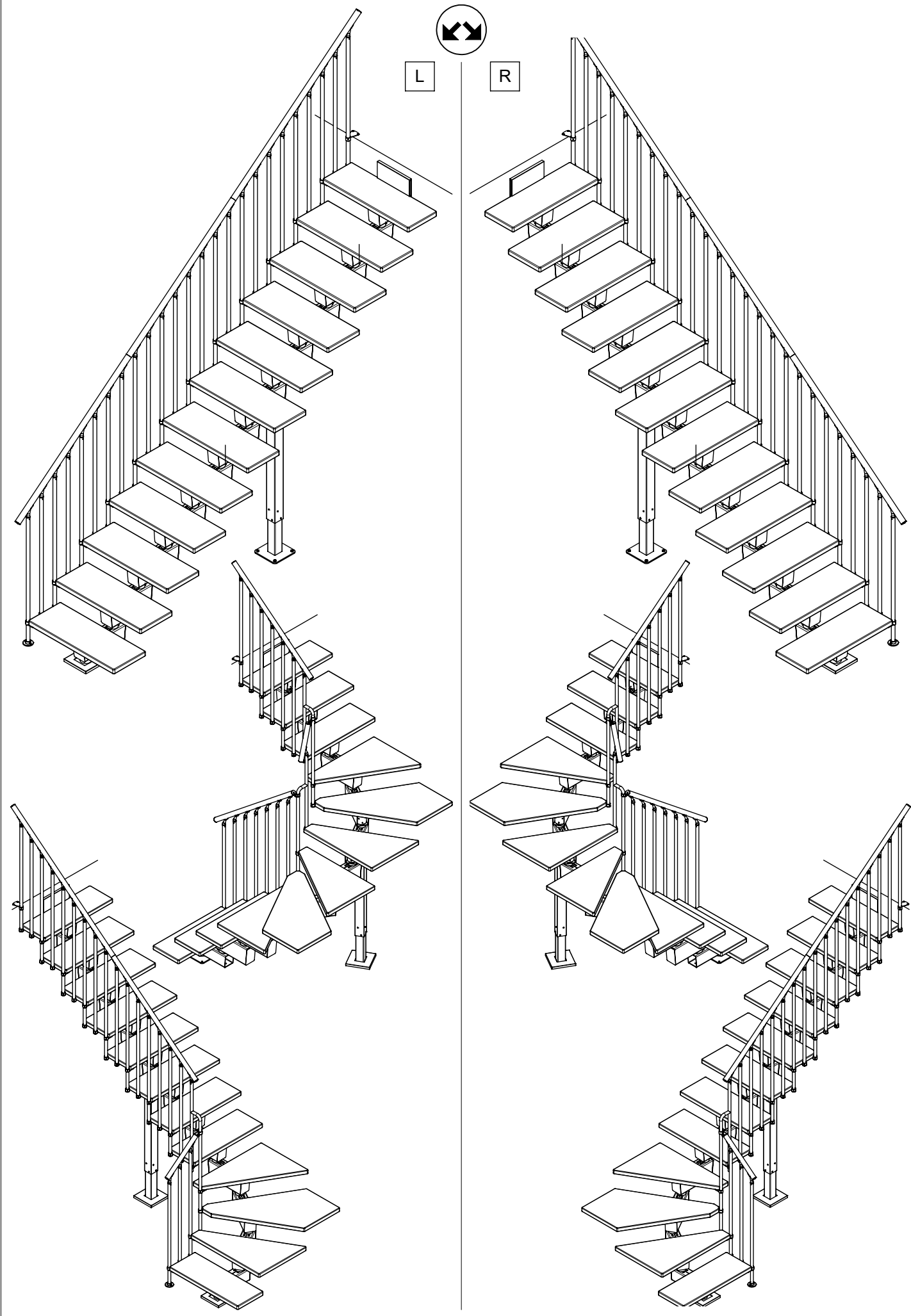


TX20
TX25
TX30
PZ2



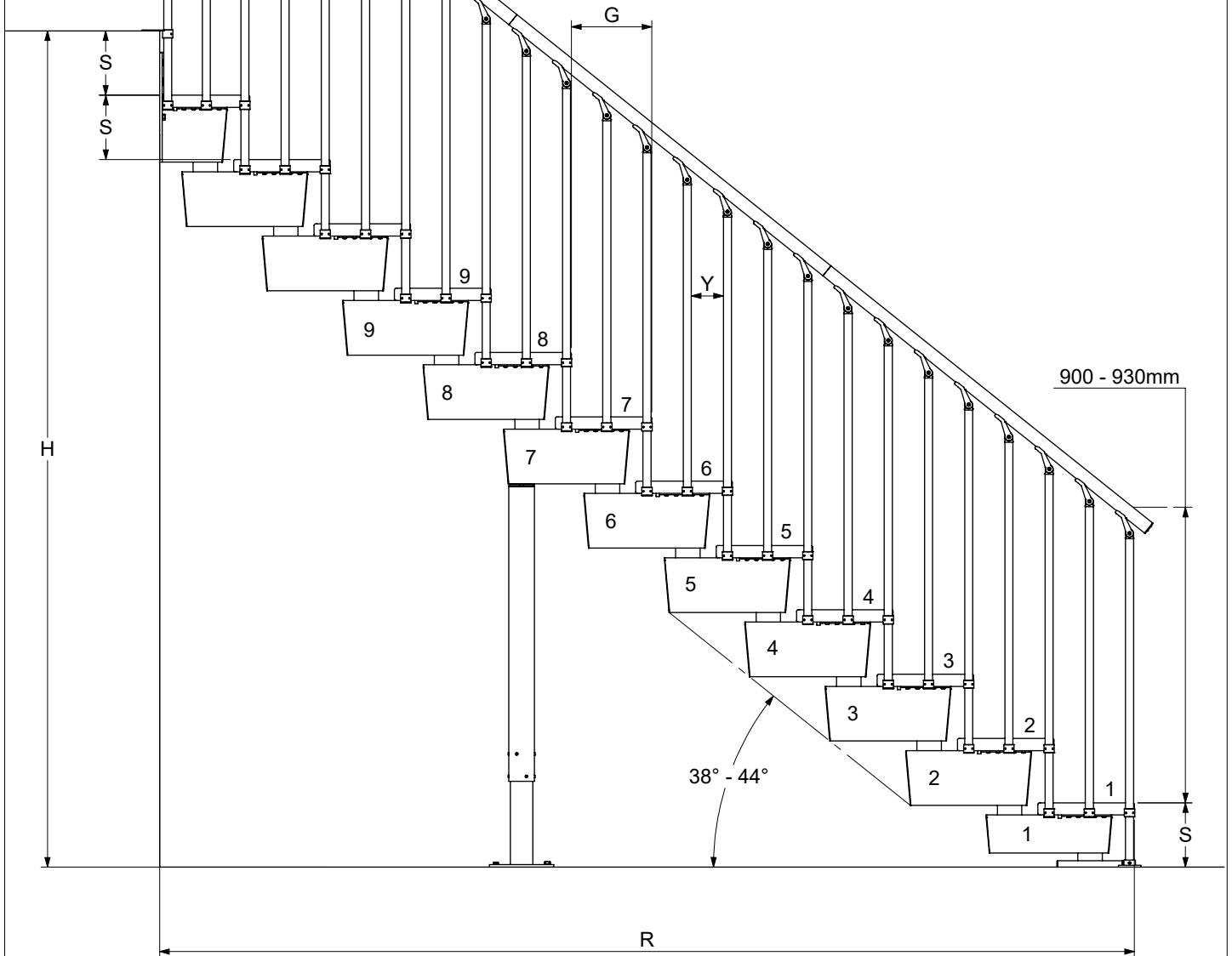
17mm
18mm







G		220 mm	270 mm
Y	Classic III	85 mm	110 mm
	Classic IIII	48 mm	65 mm



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

min S	max S	min G	max G
170 mm	210 mm	220 mm	270 mm

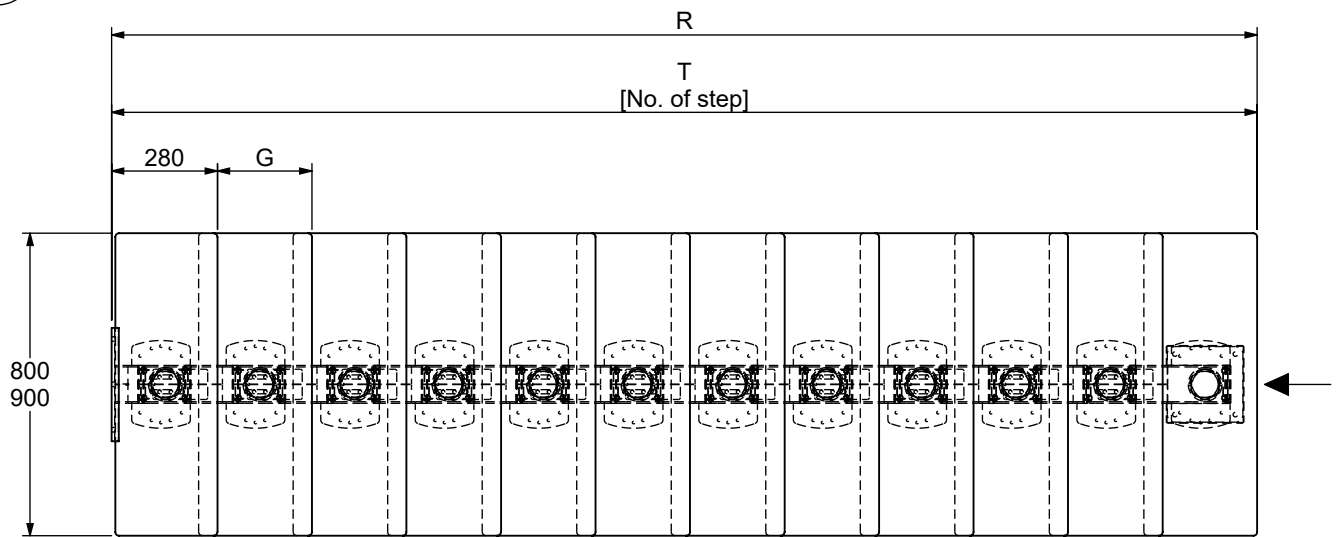
T	min H	max H	min R	max R
9	1700 mm	2100 mm	2170 mm	2460 mm
10	1870 mm	2310 mm	2390 mm	2730 mm
11	2040 mm	2520 mm	2610 mm	3000 mm
12	2210 mm	2730 mm	2830 mm	3270 mm
13	2380 mm	2940 mm	3050 mm	3540 mm
14	2550 mm	3150 mm	3270 mm	3810 mm
15	2720 mm	3360 mm	3490 mm	4080 mm
16	2890 mm	3570 mm	3710 mm	4350 mm

Example / Beispiel / Voorbeeld / Example / Eksempel:

H: 2600 mm, T: 12 st(pcs)

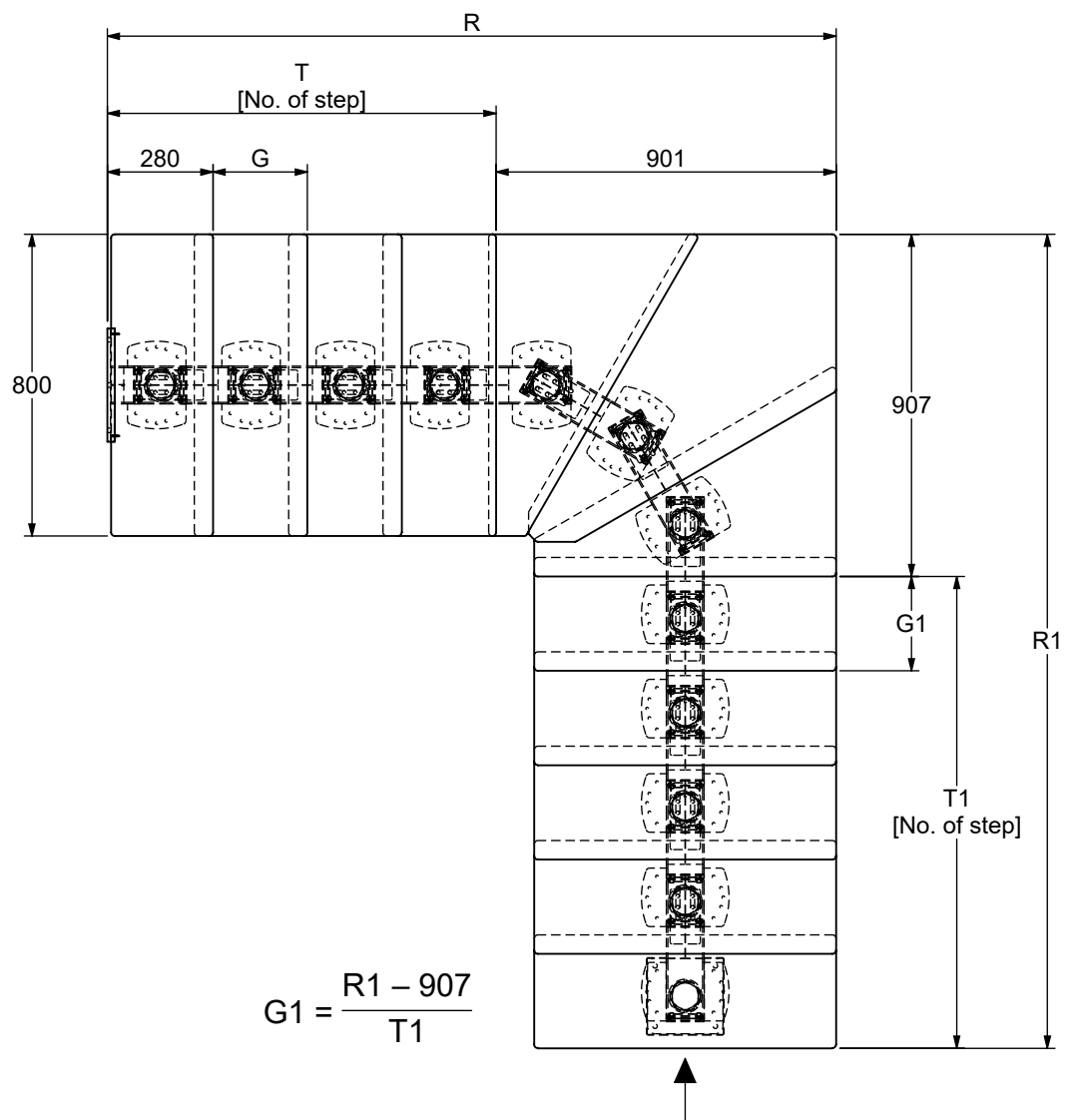
$$S = \frac{2600 \text{ mm}}{12 + 1} = 200 \text{ mm}$$





$$G = \frac{R - 280}{T - 1}$$

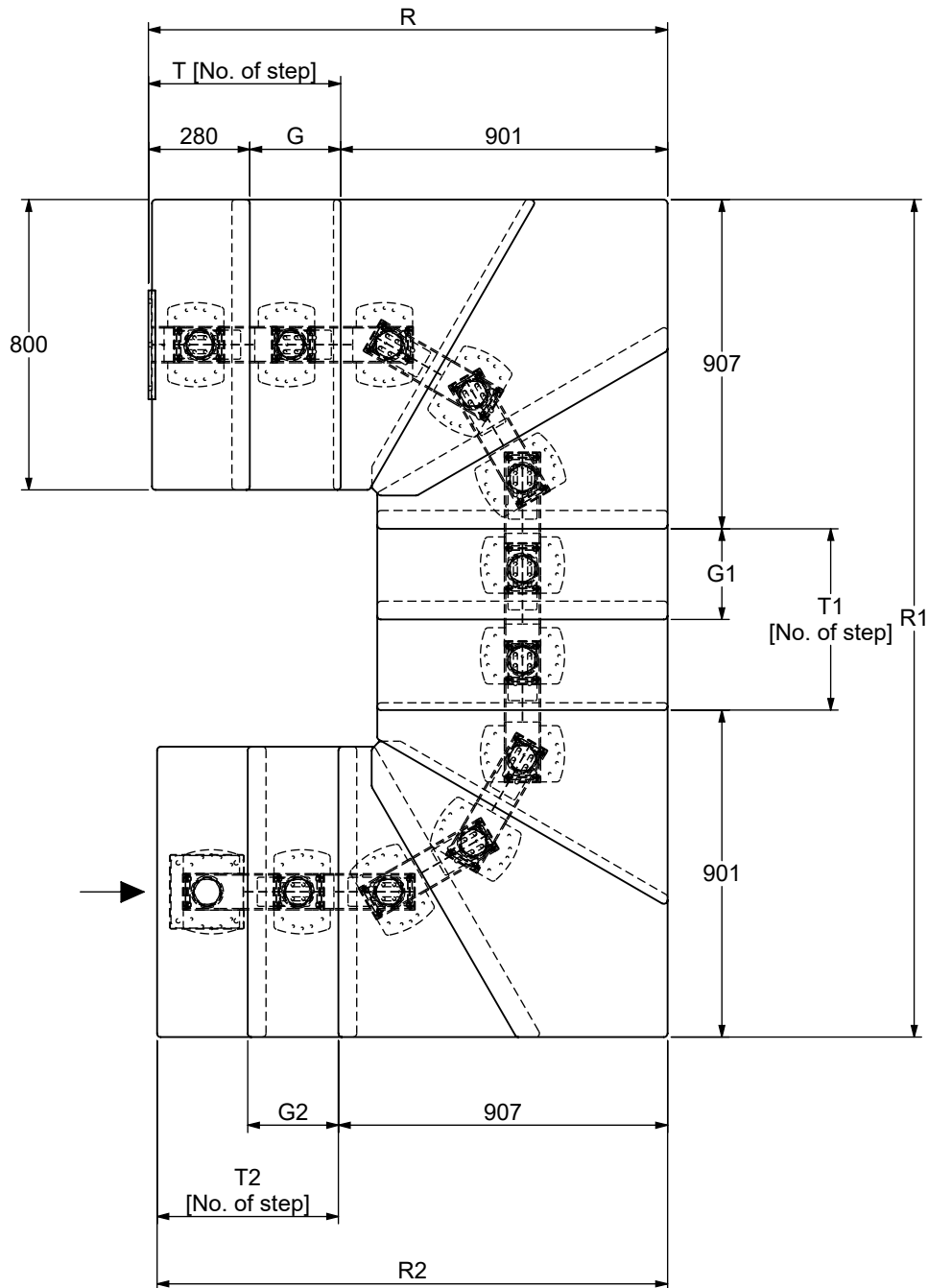
$$G = \frac{R - 1181}{T - 1}$$



$$G1 = \frac{R1 - 907}{T1}$$



$$G = \frac{R - 1181}{T - 1}$$

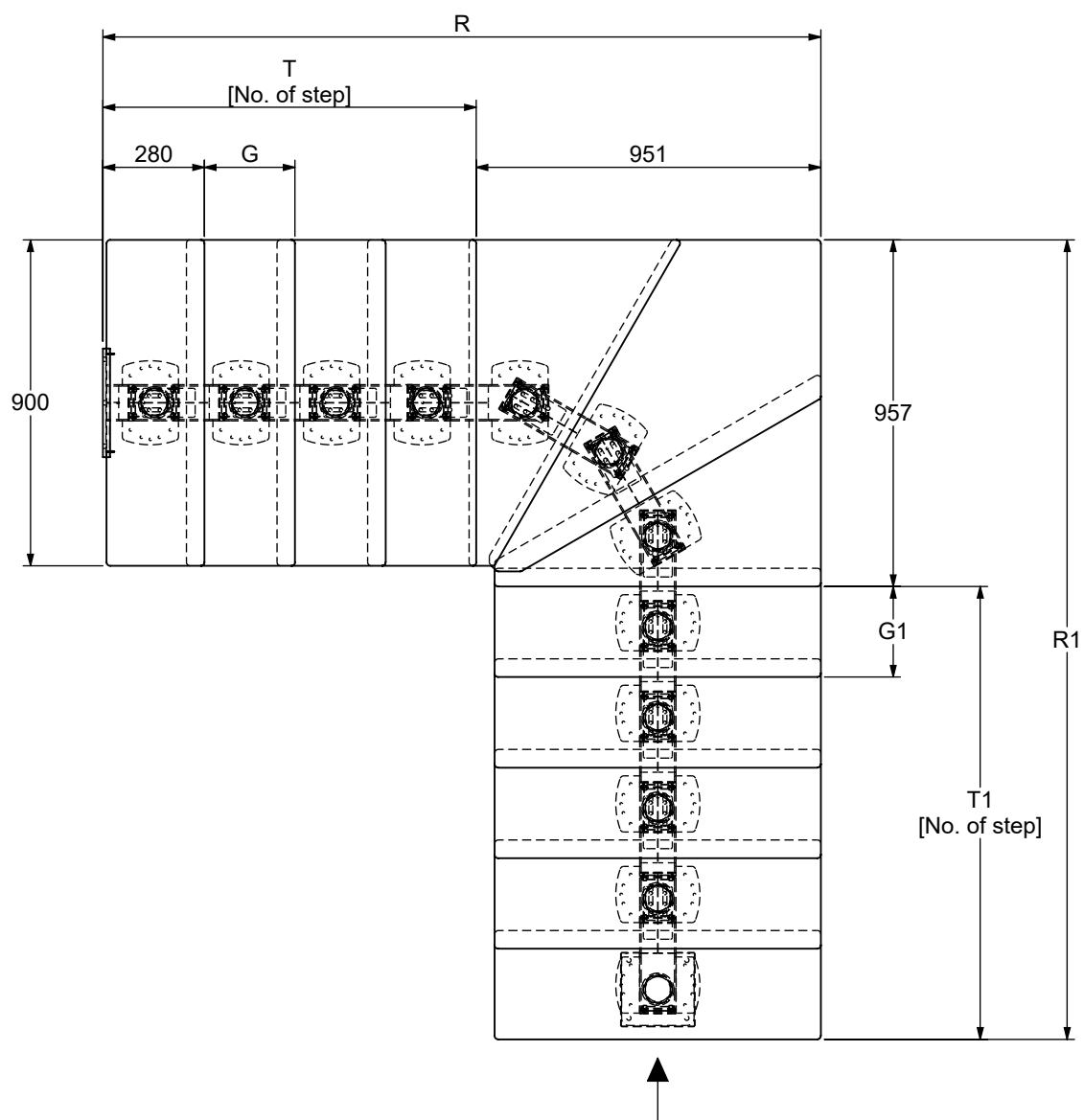


$$G1 = \frac{R1 - 1808}{T1}$$

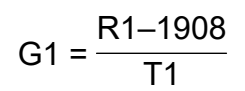
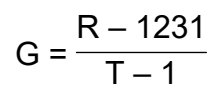
$$G2 = \frac{R2 - 907}{T2}$$



$$G = \frac{R - 1231}{T - 1}$$

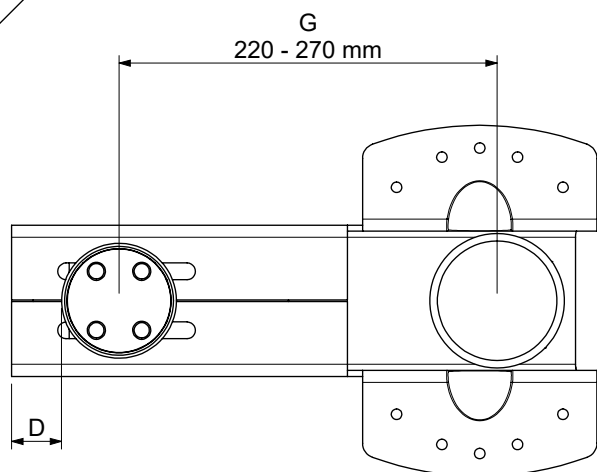


$$G1 = \frac{R1 - 957}{T1}$$

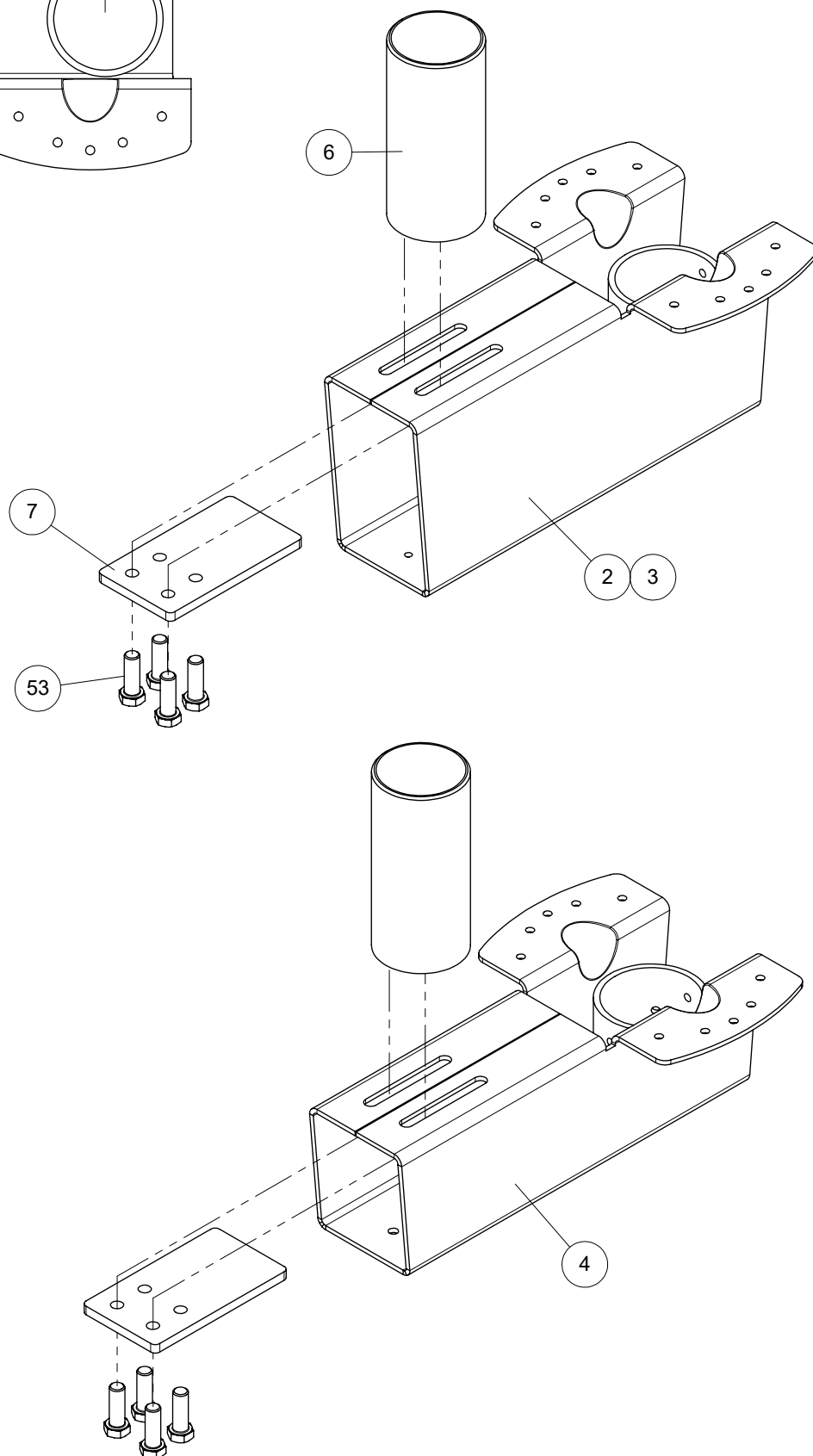


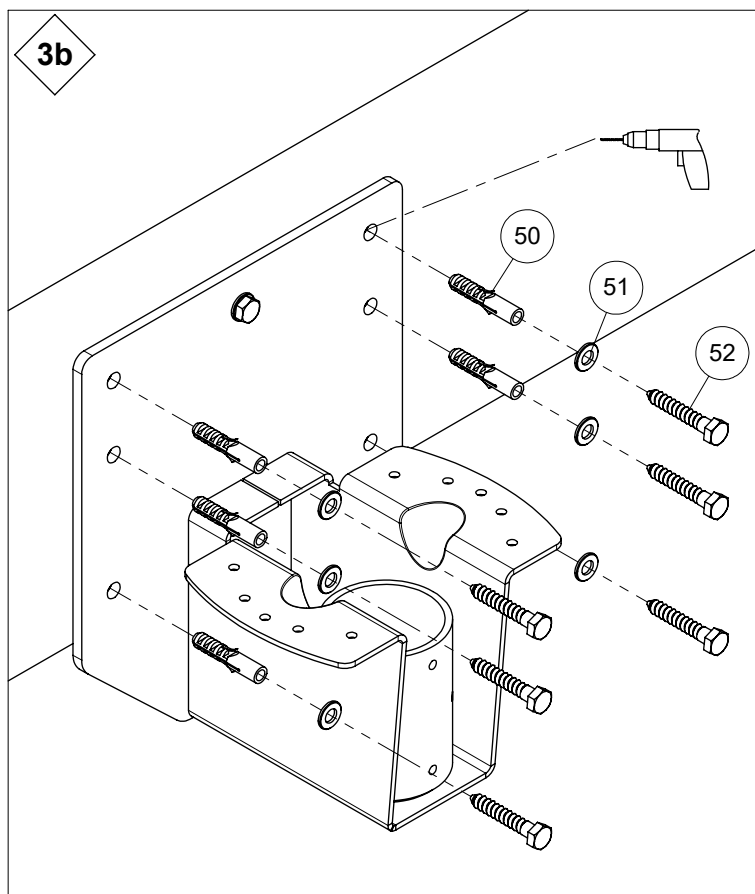
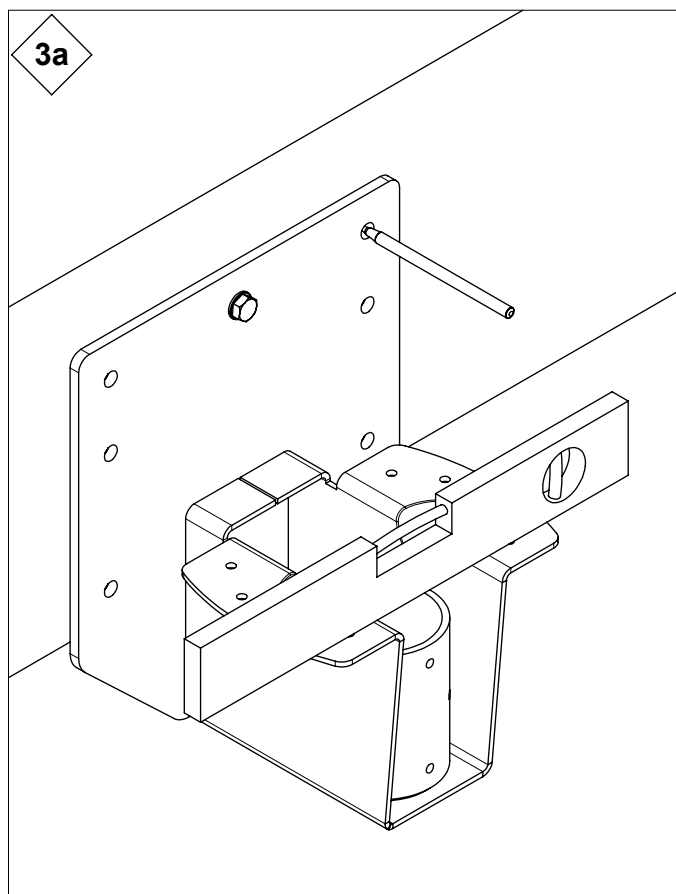
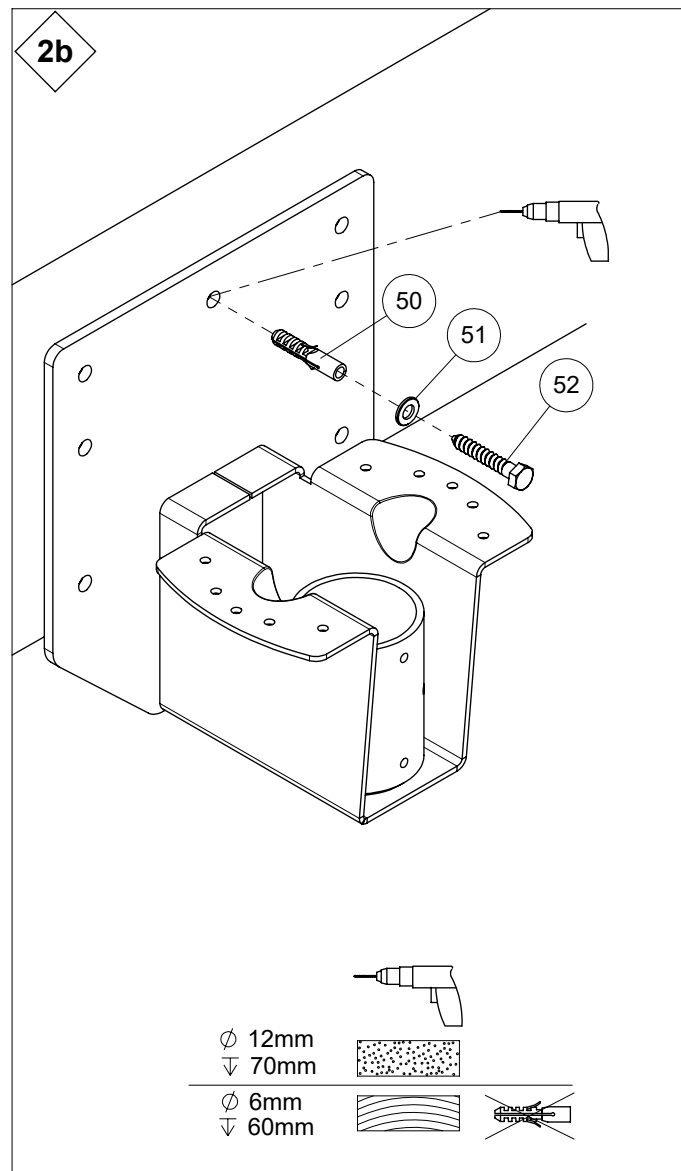
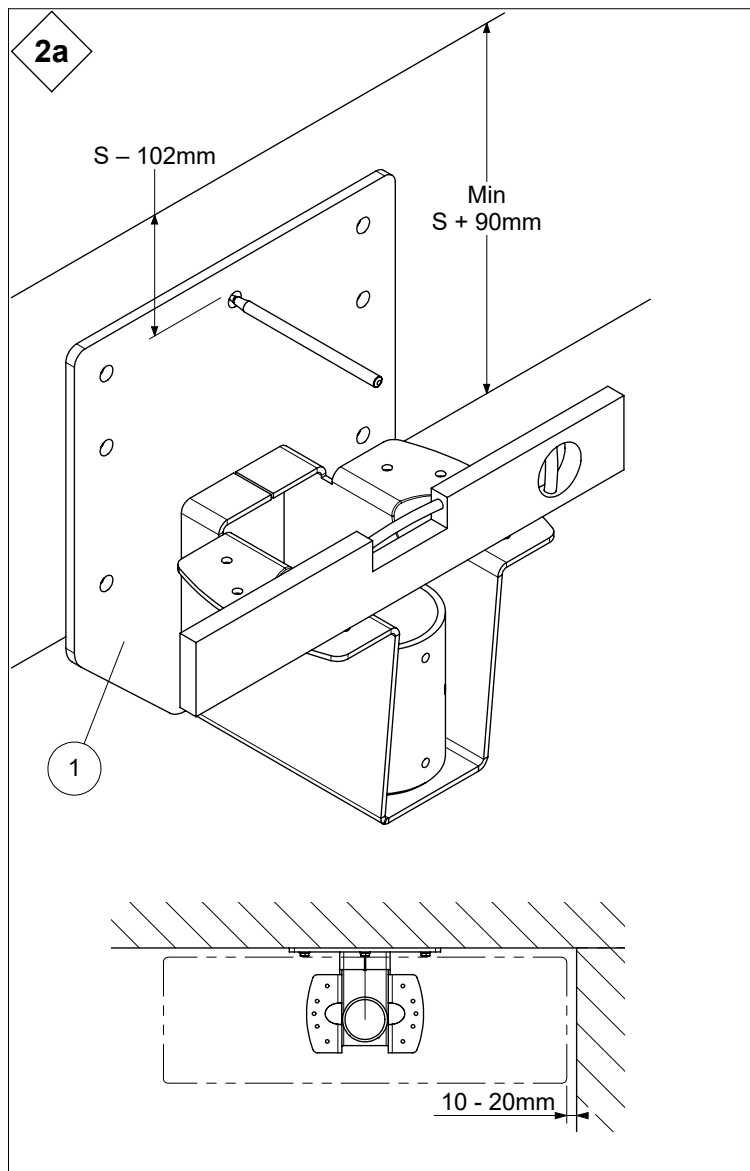
$$G2 = \frac{R2 - 957}{T2}$$

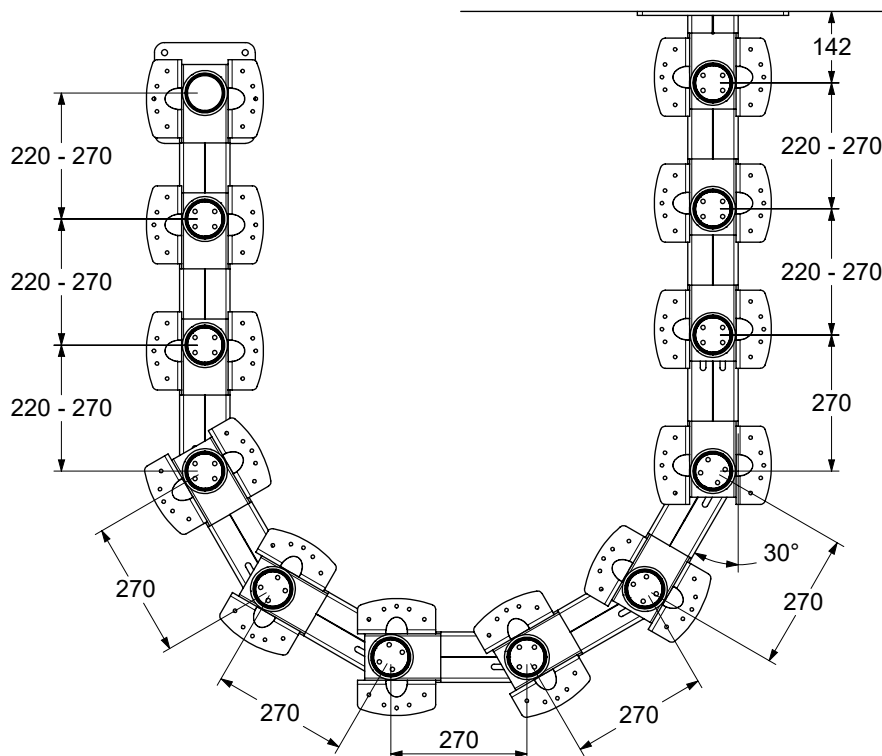
1

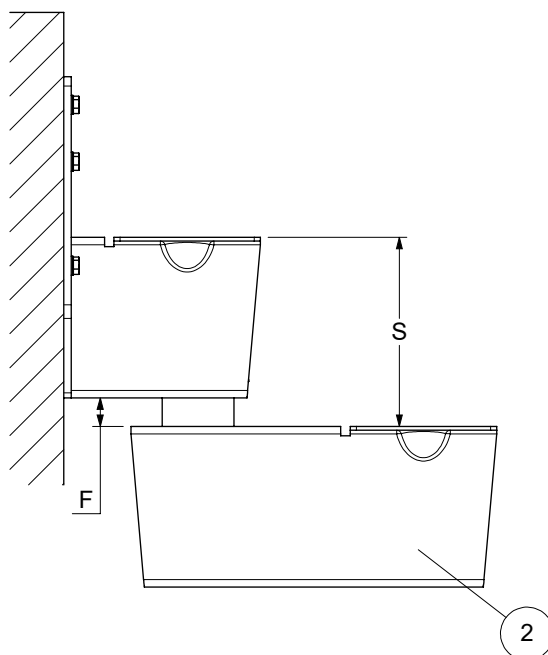
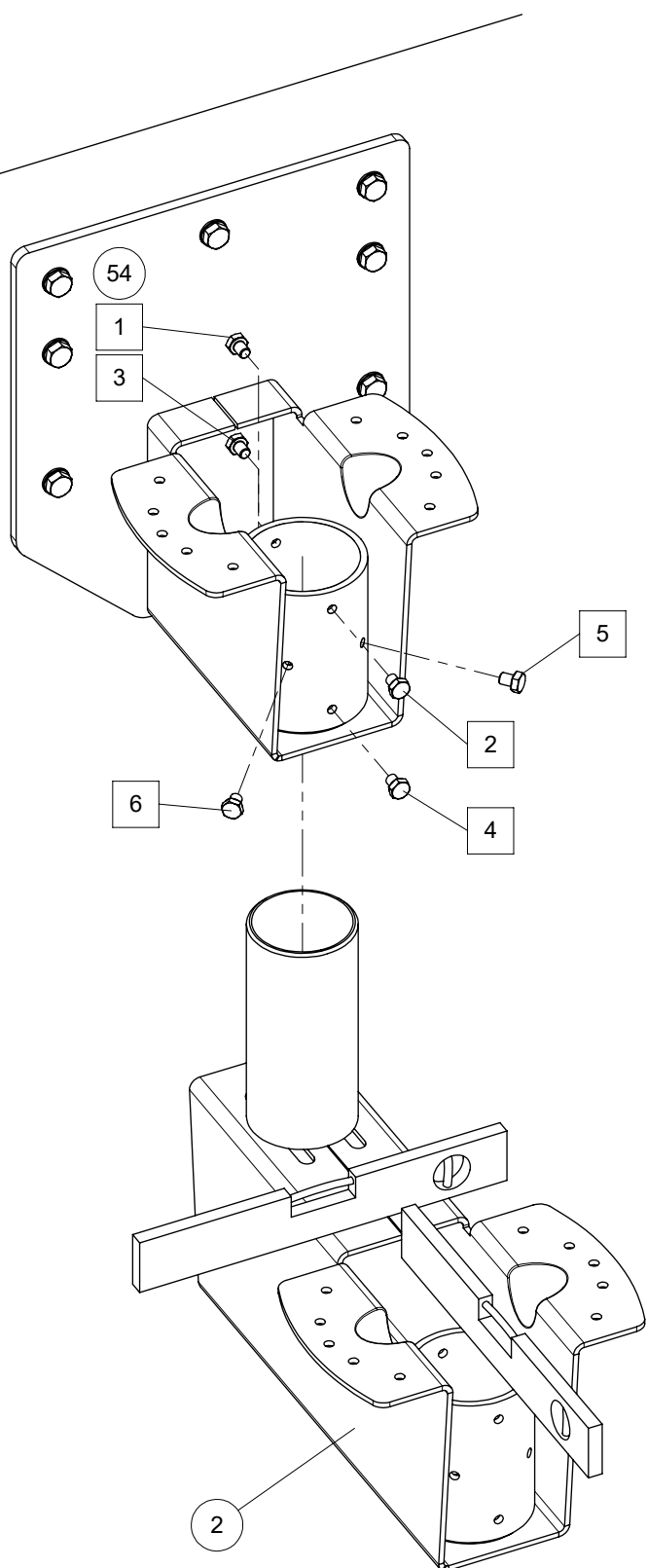


G	D
220 mm	63 mm
230 mm	53 mm
240 mm	43 mm
250 mm	33 mm
260 mm	23 mm
270 mm	13 mm

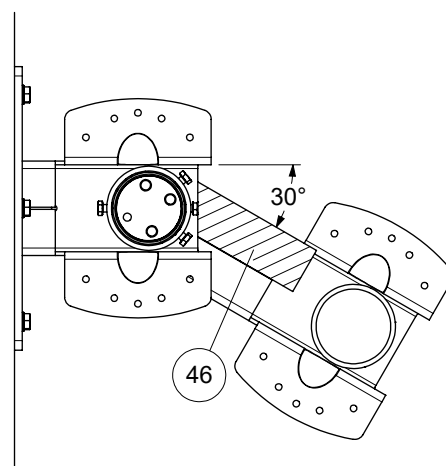
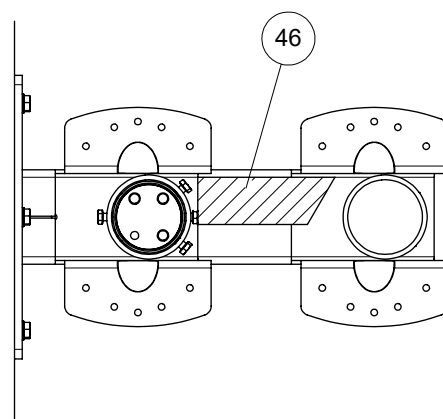


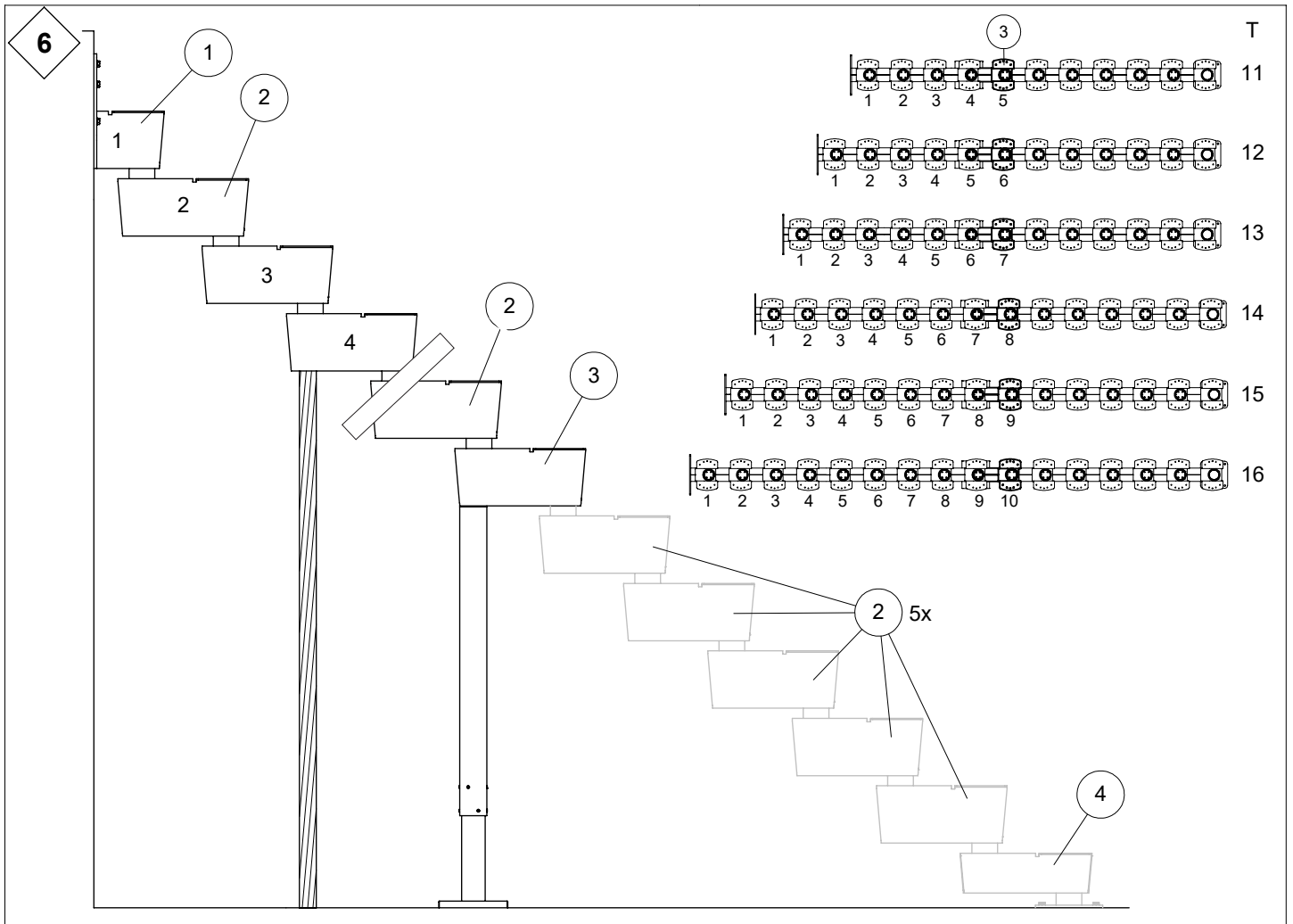
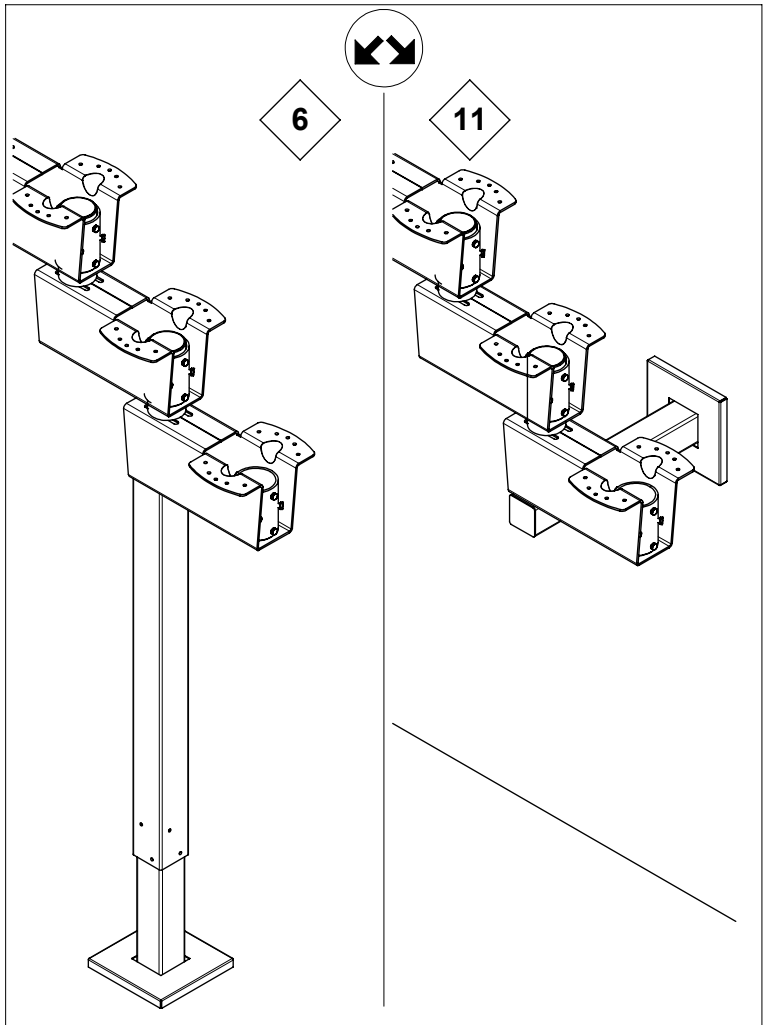
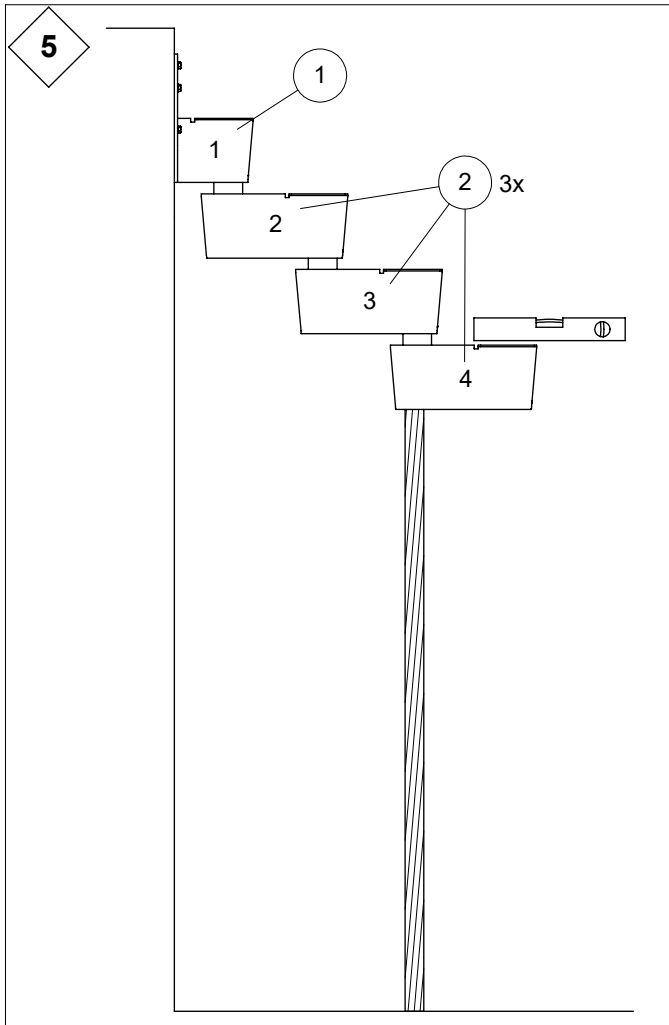


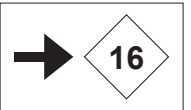
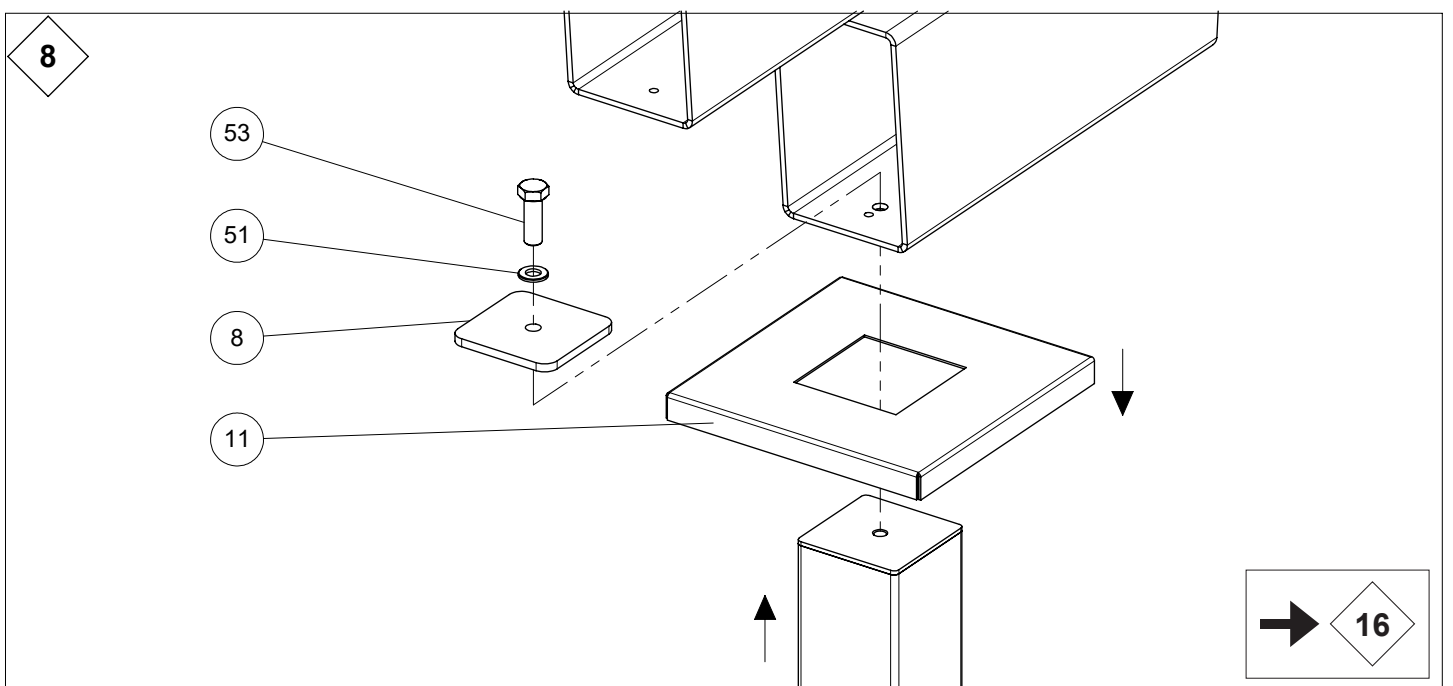
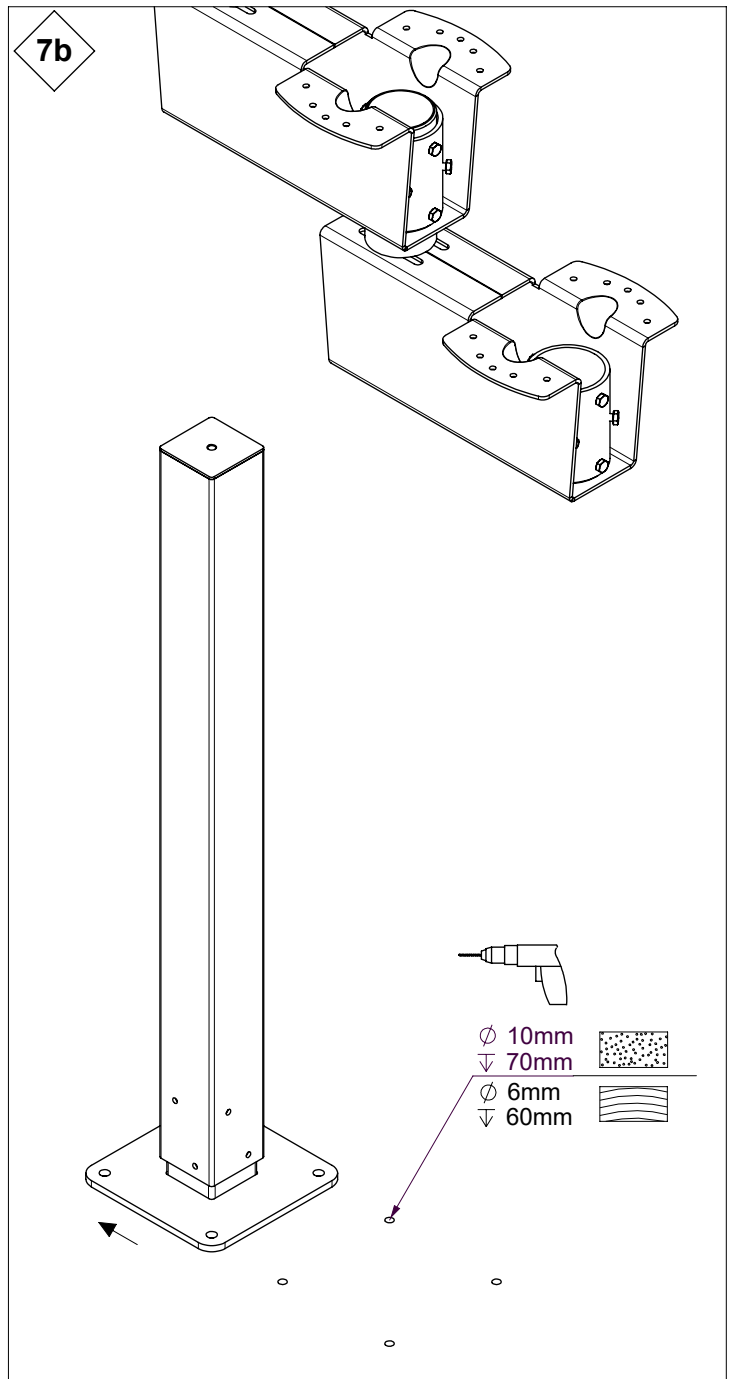
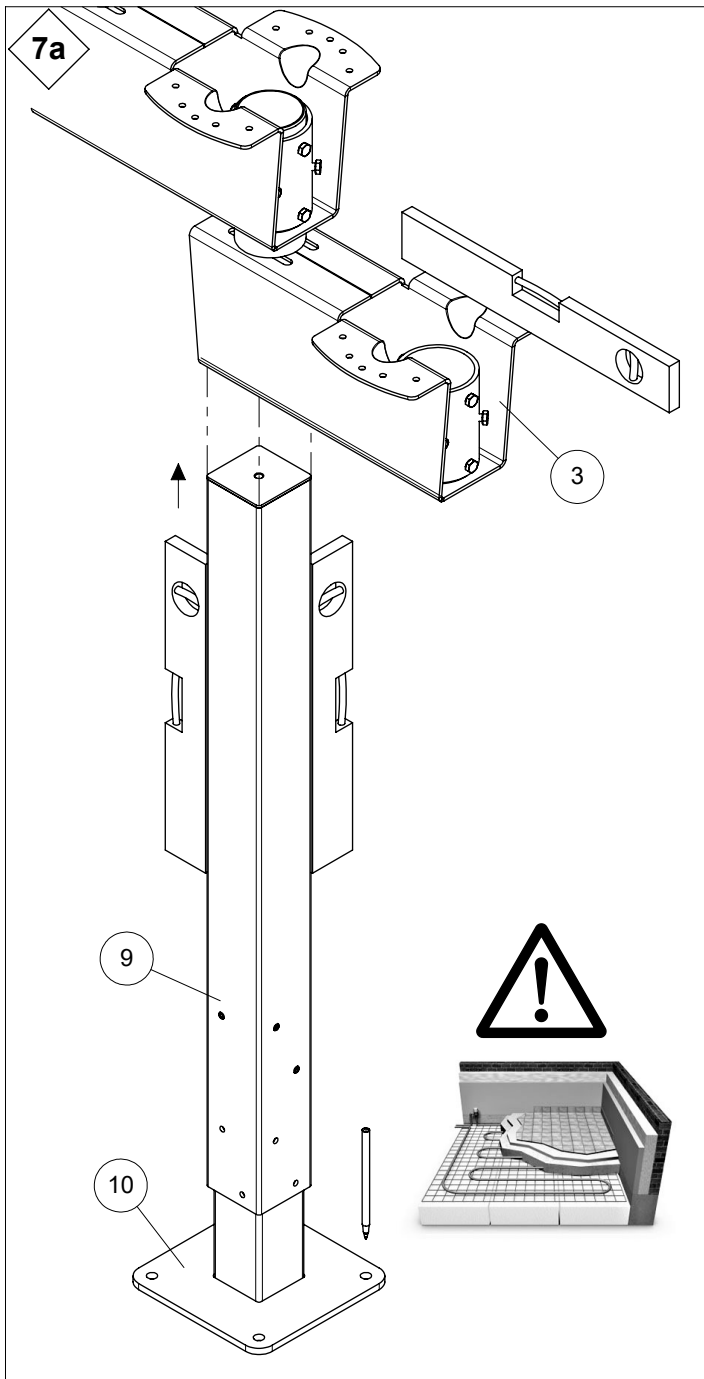


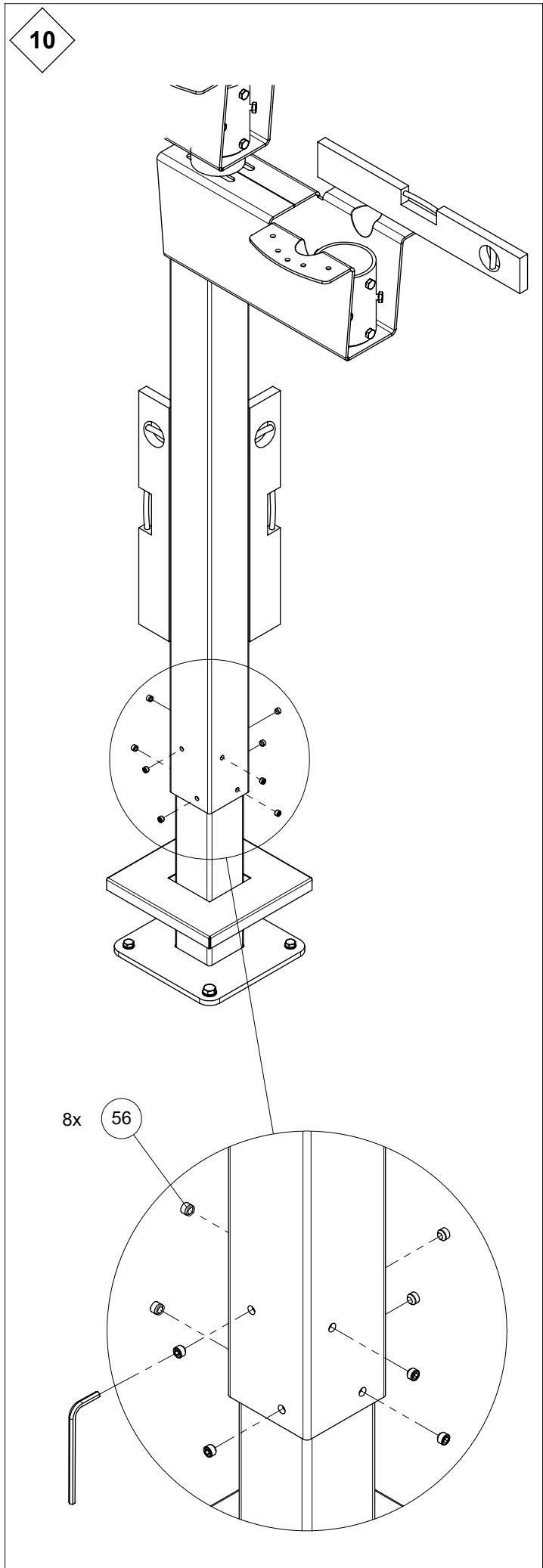
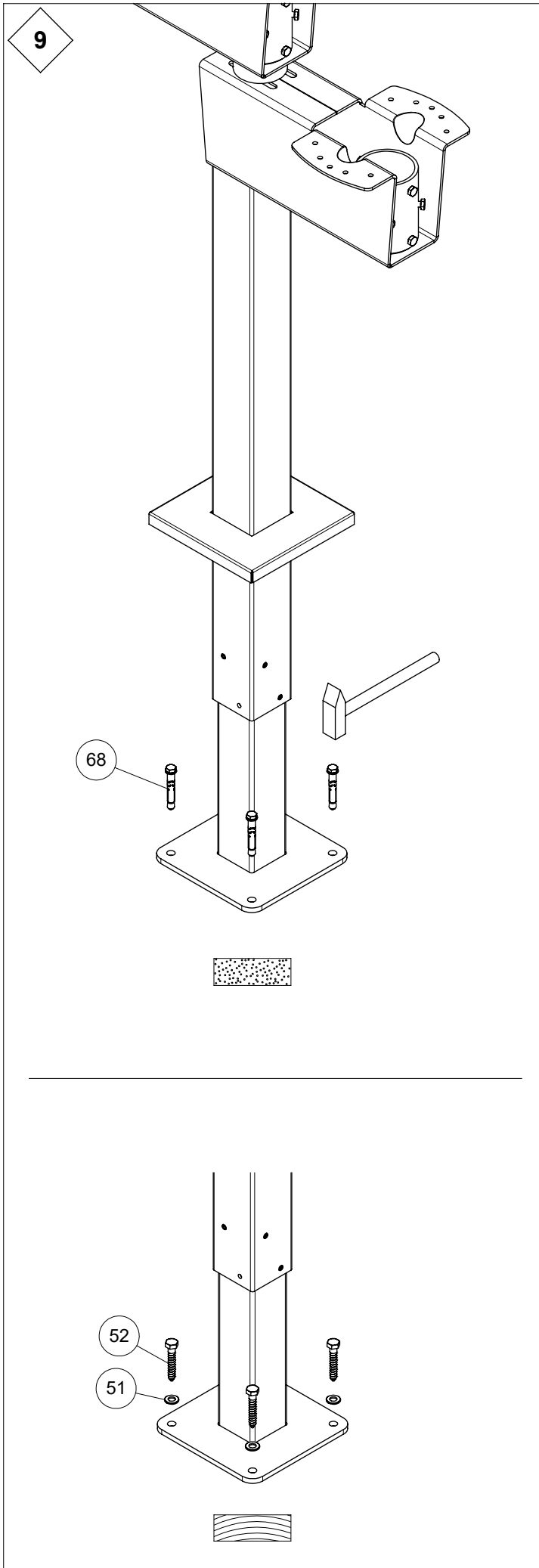


S	F
170 mm	0 mm
180 mm	10 mm
190 mm	20 mm
200 mm	30 mm
210 mm	40 mm









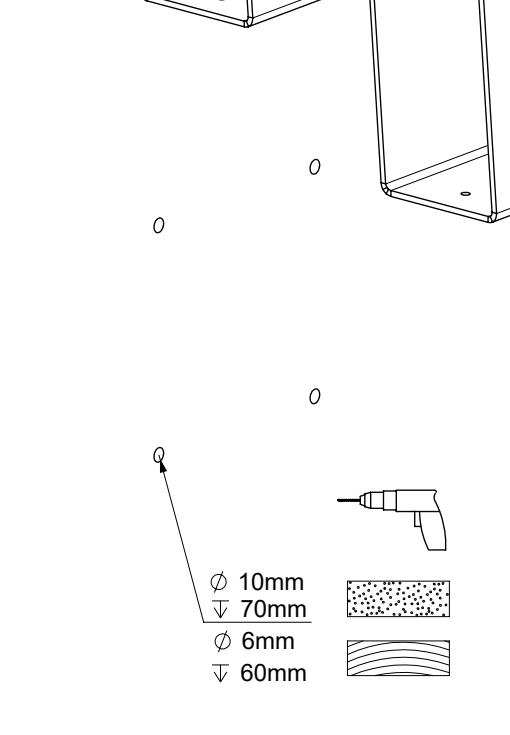
13

Ø 10mm

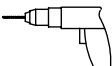
10

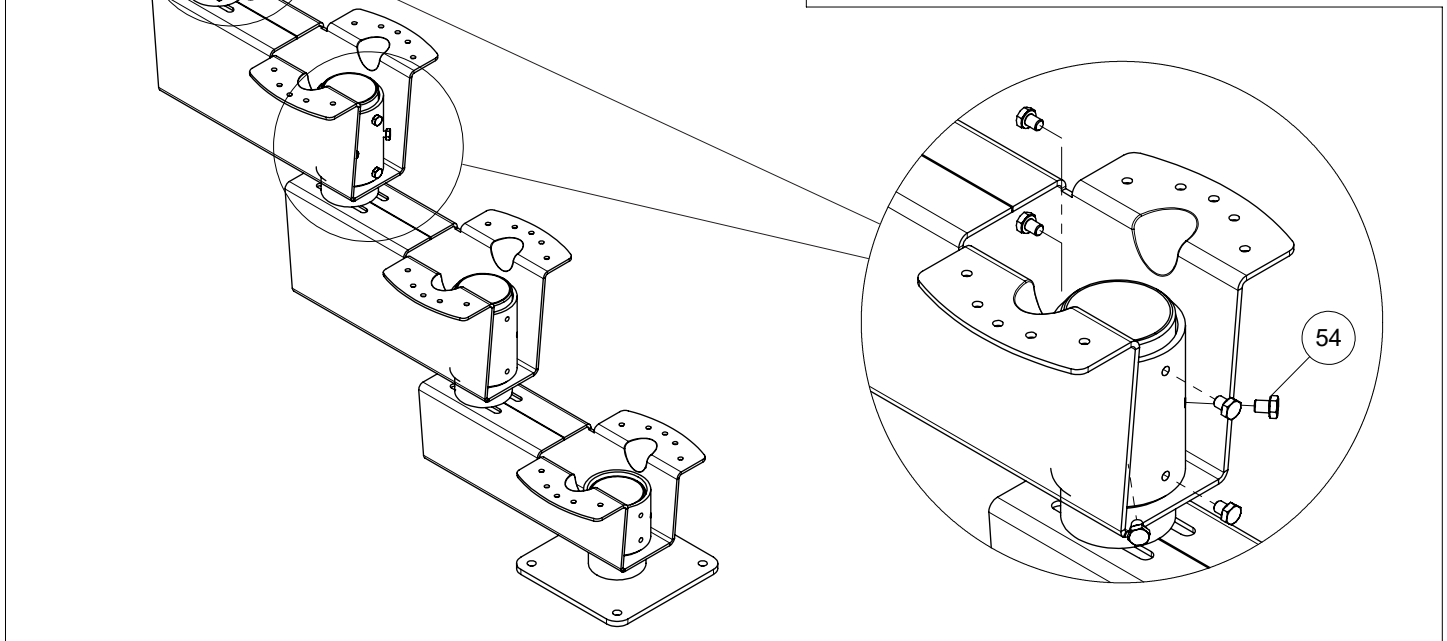
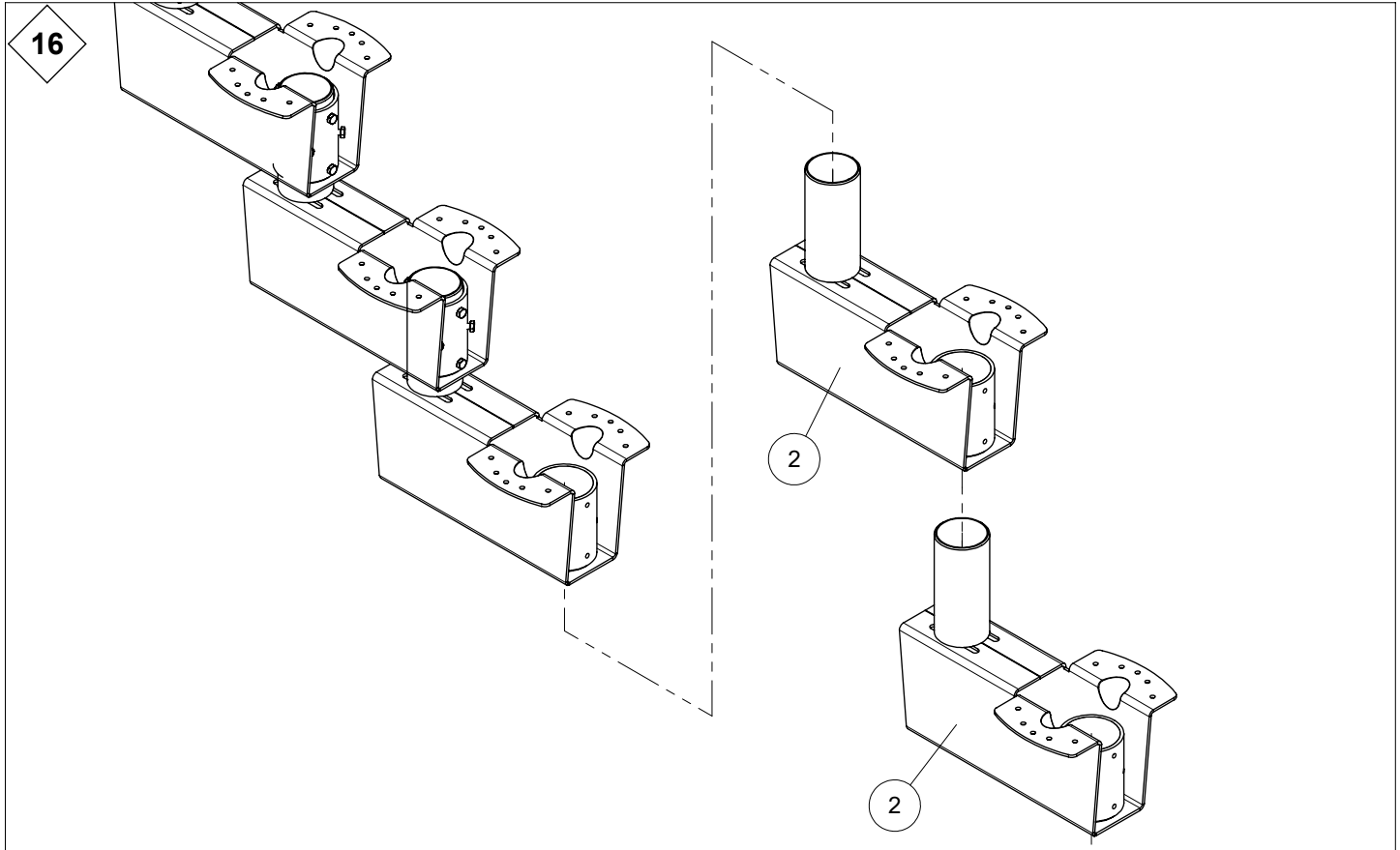
✓	DUBAI 80
⊘	DUBAI 90

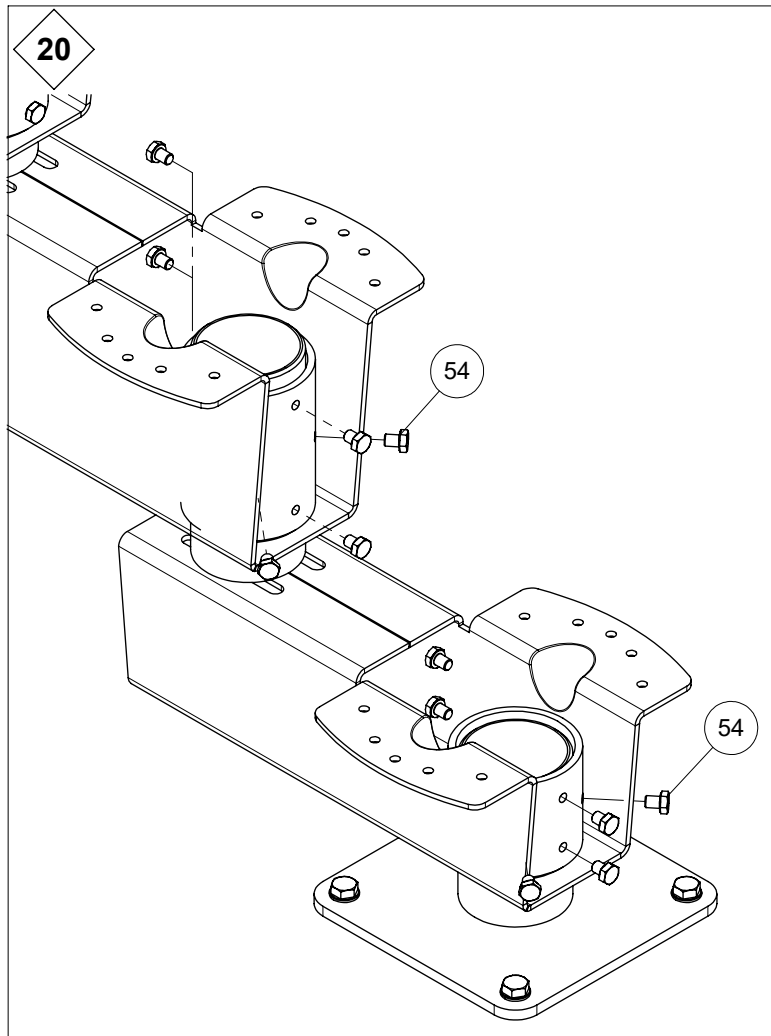
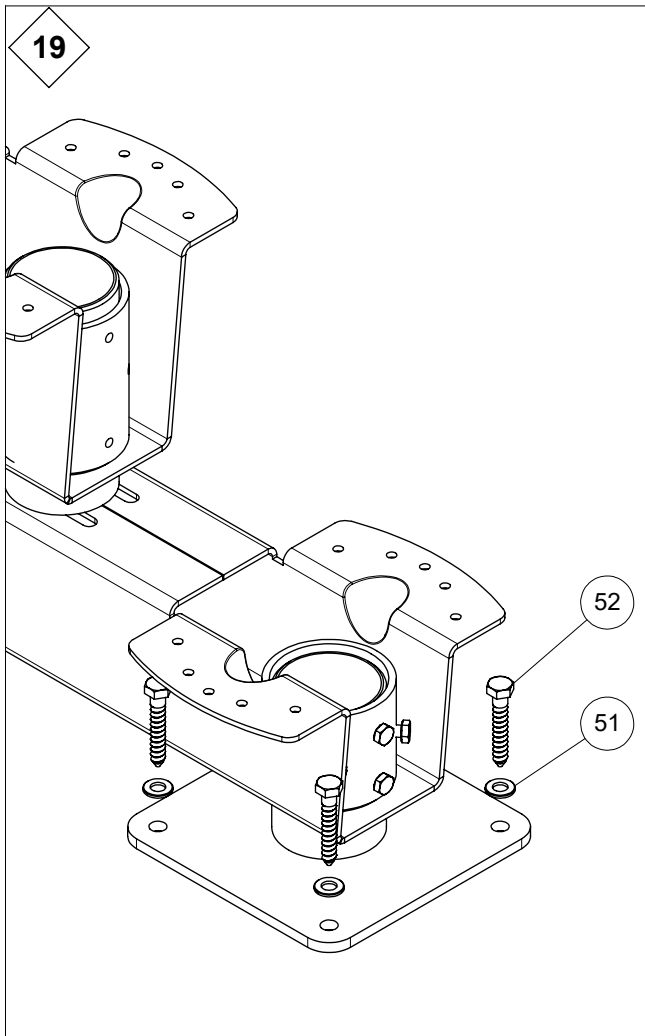
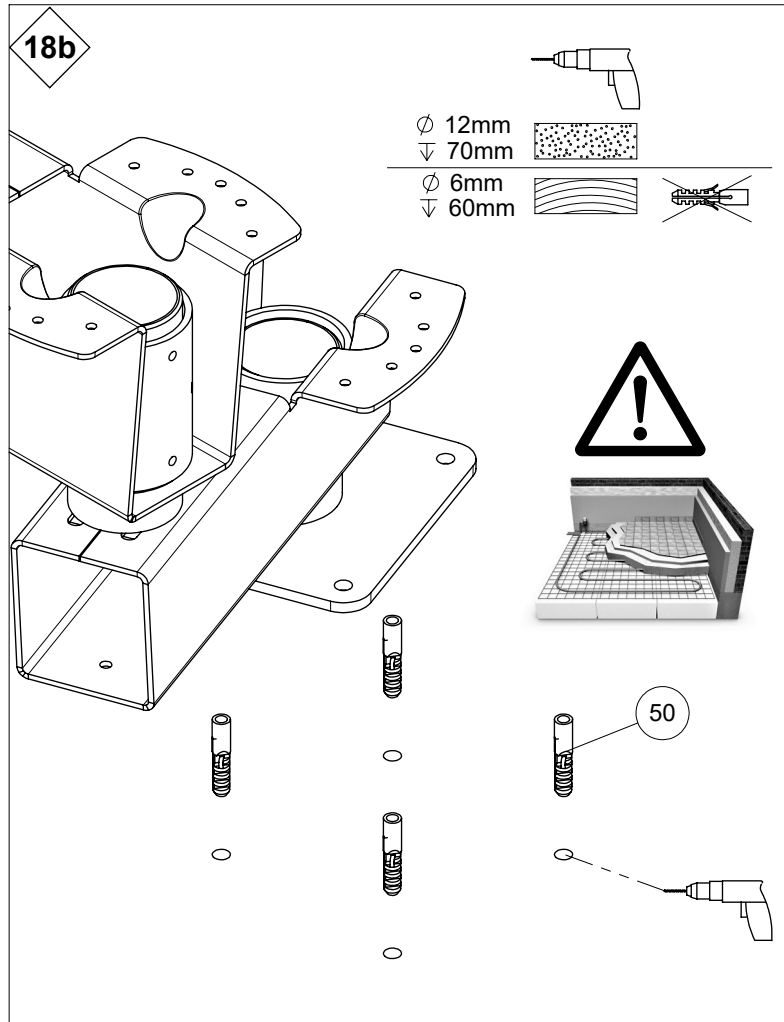
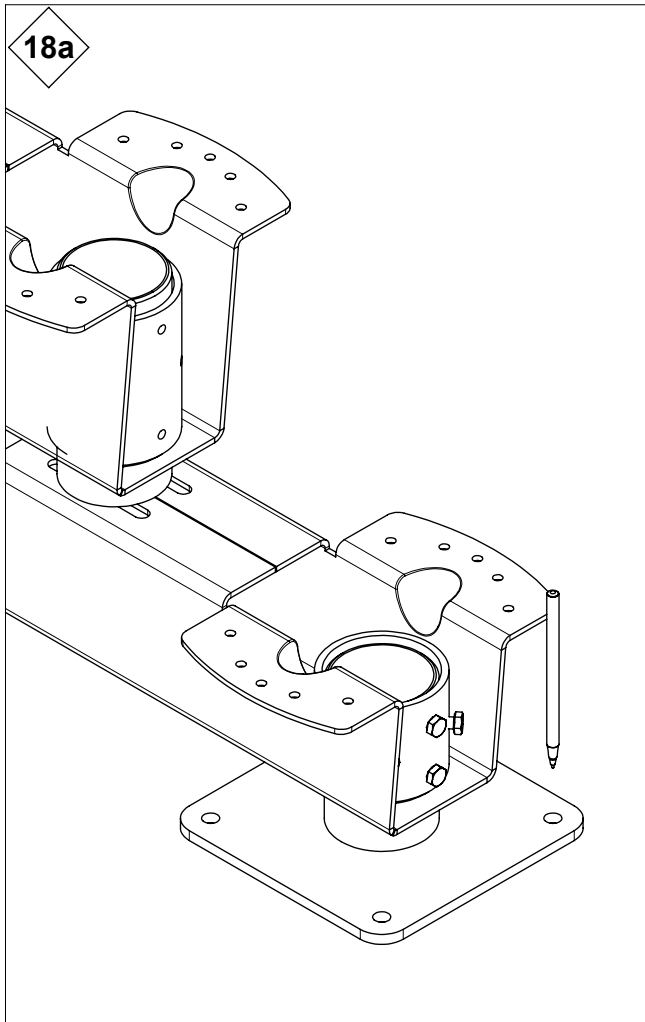
14

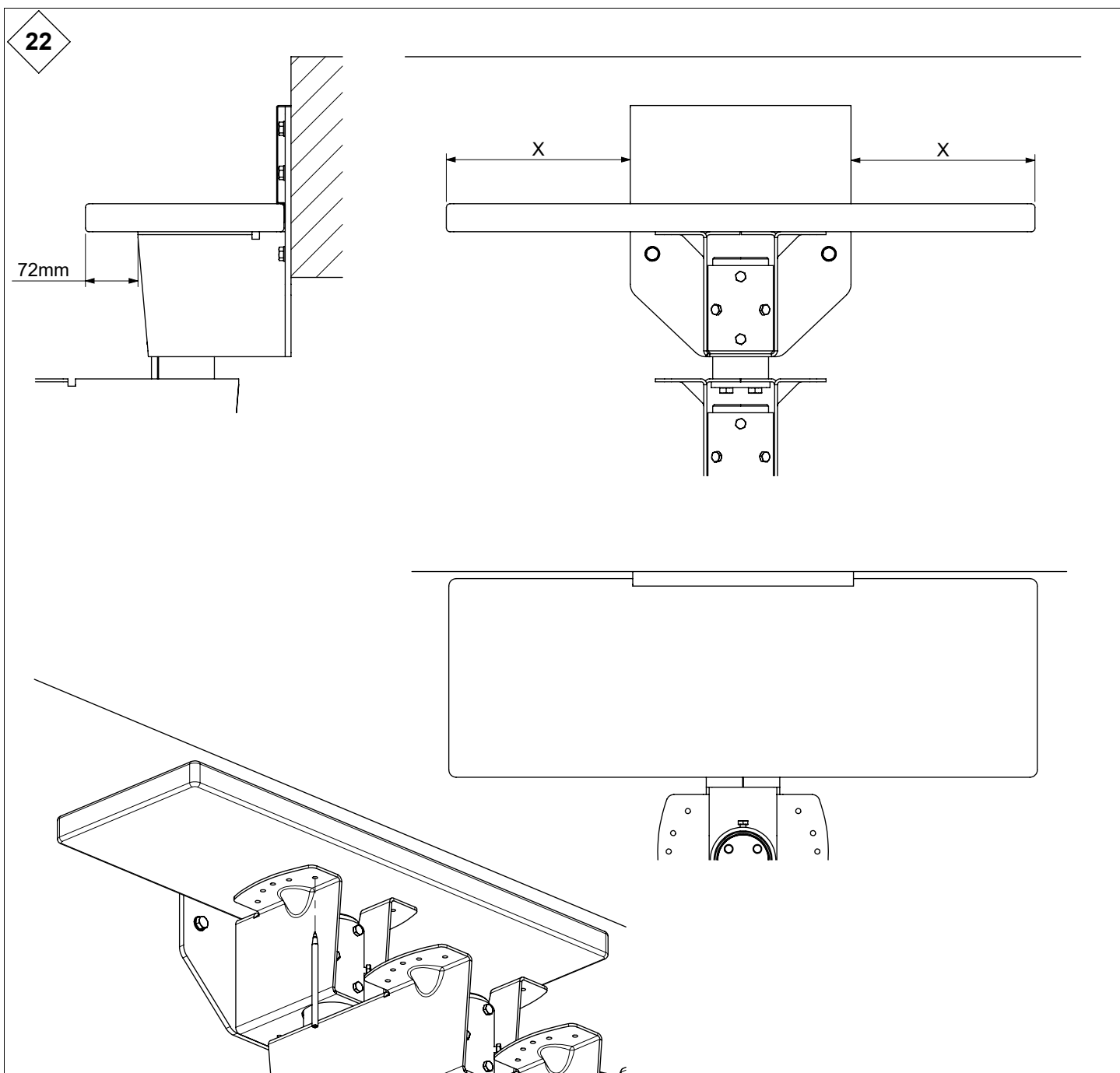
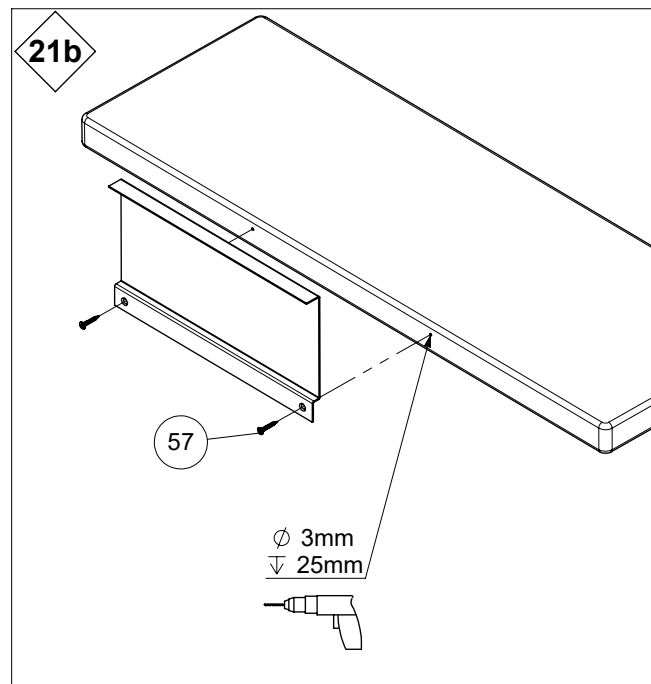
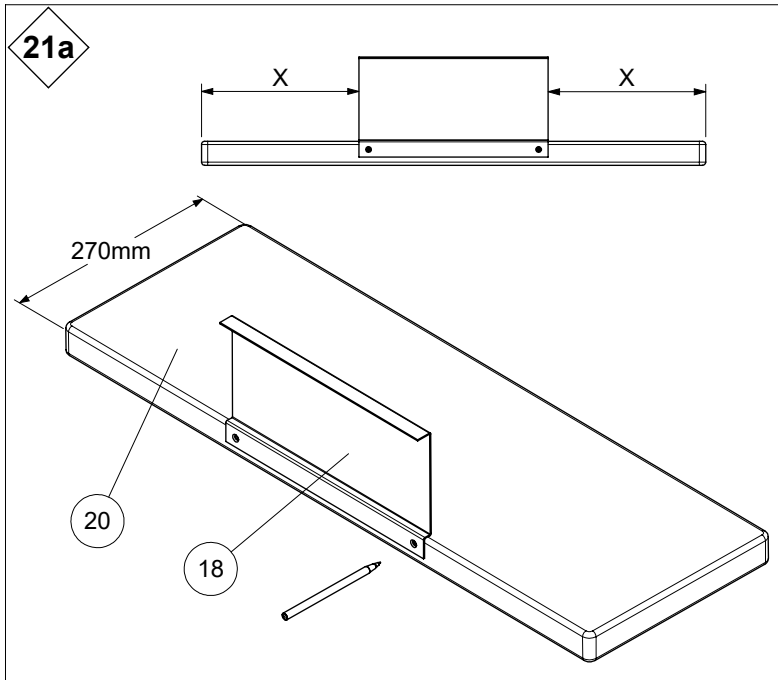


Ø 10mm
70mm
Ø 6mm
60mm

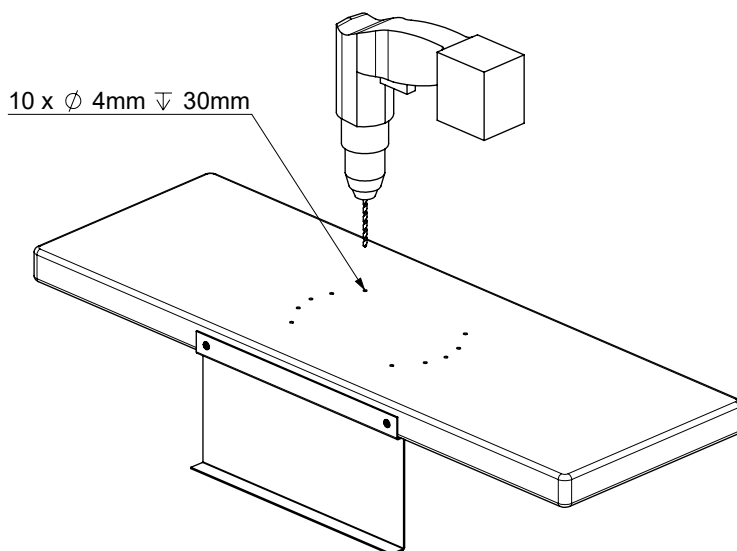
[illegible]



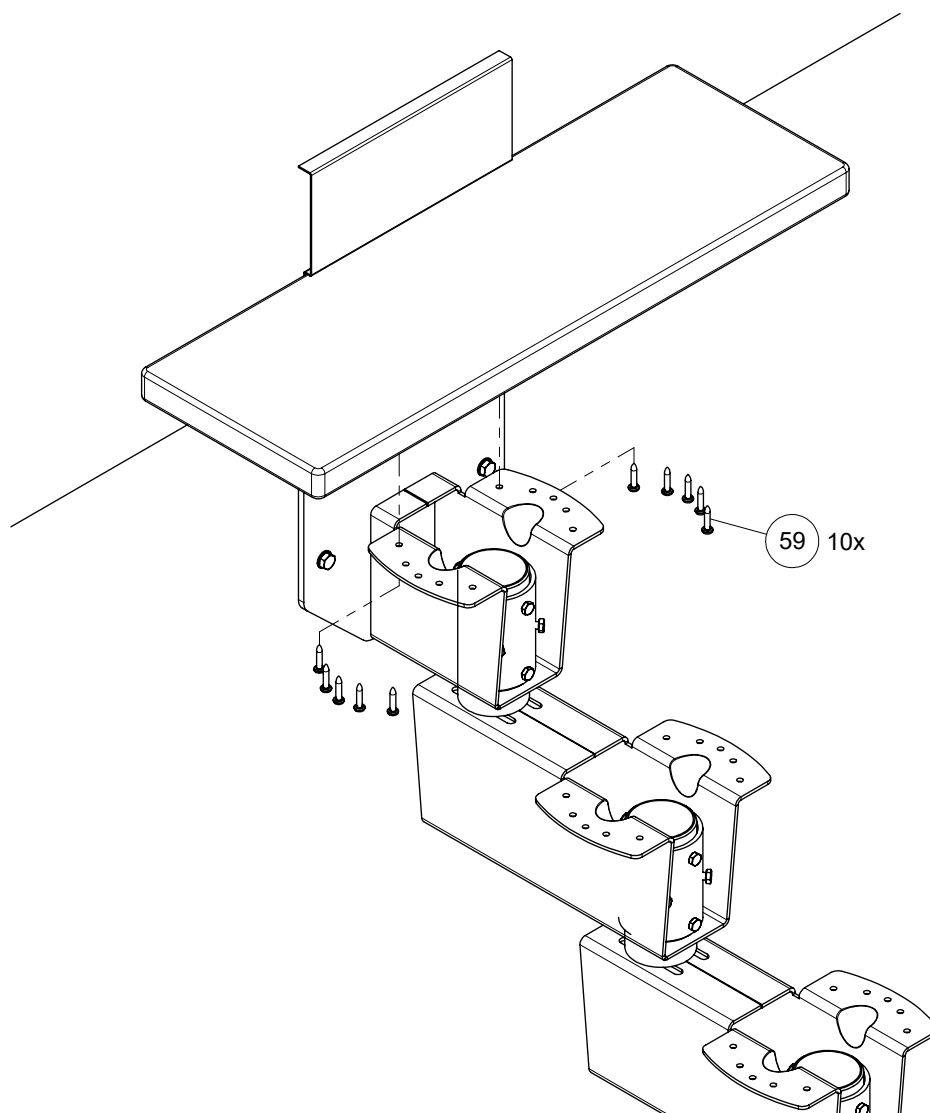




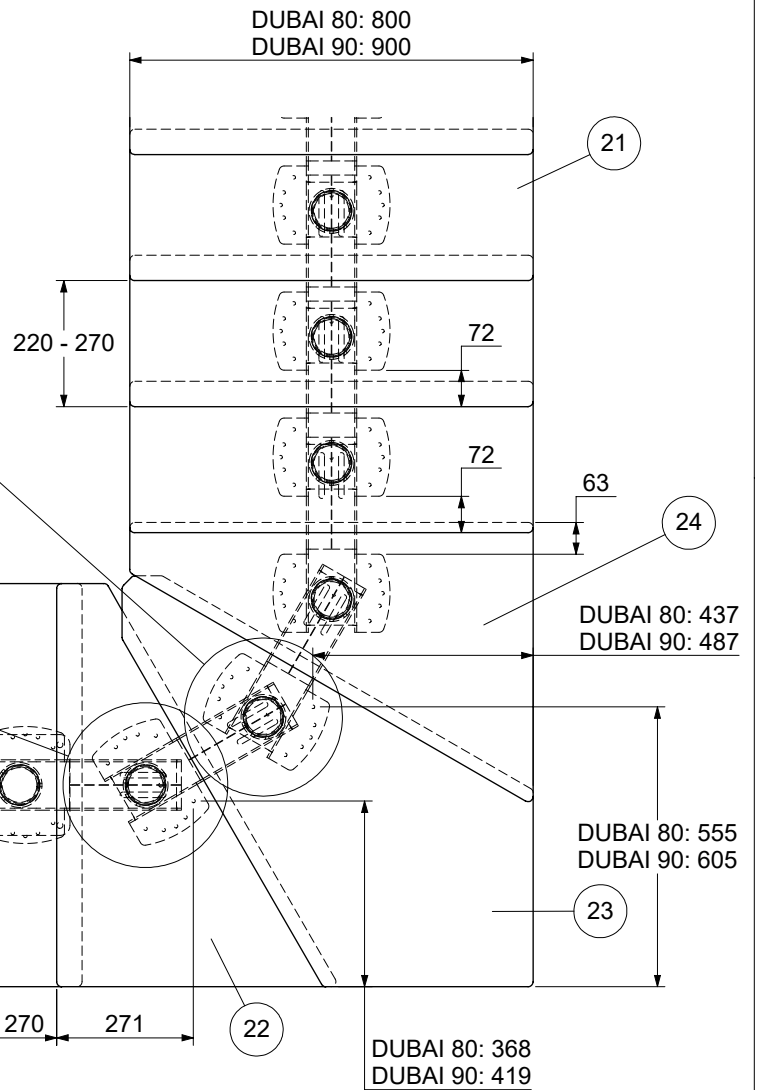
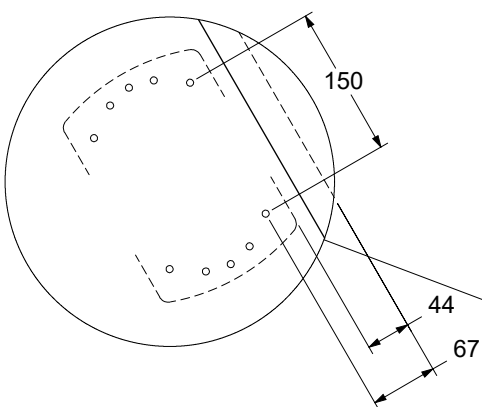
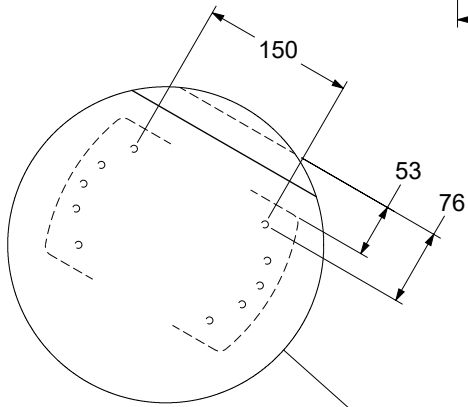
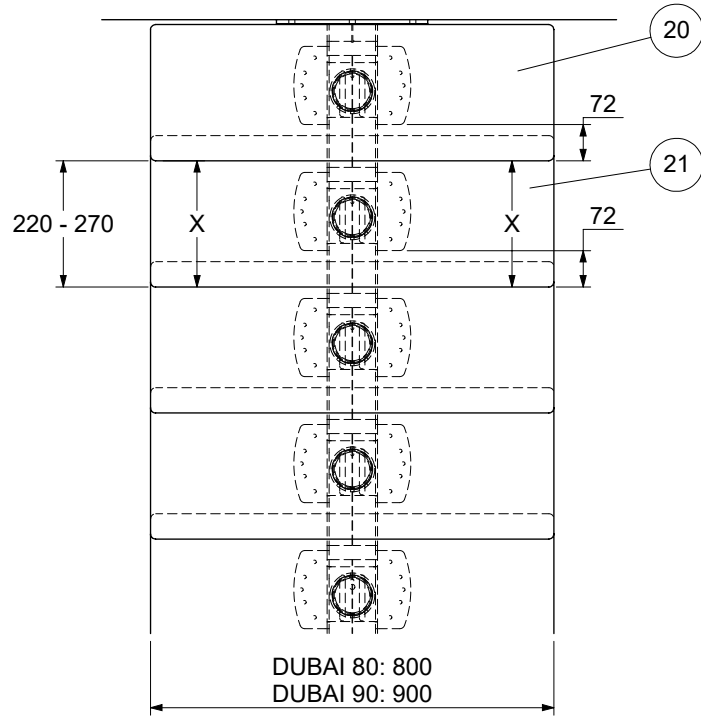
23



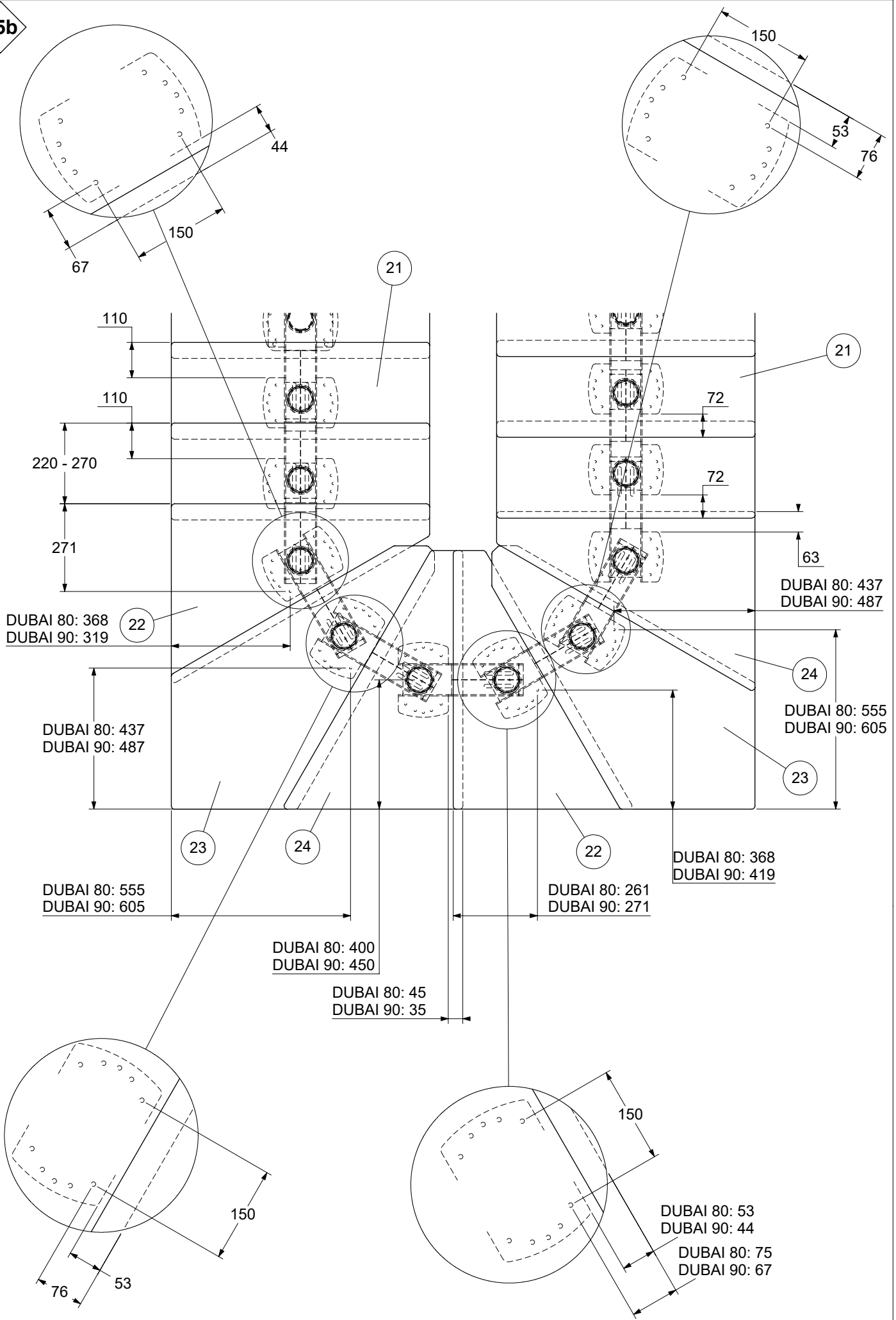
24

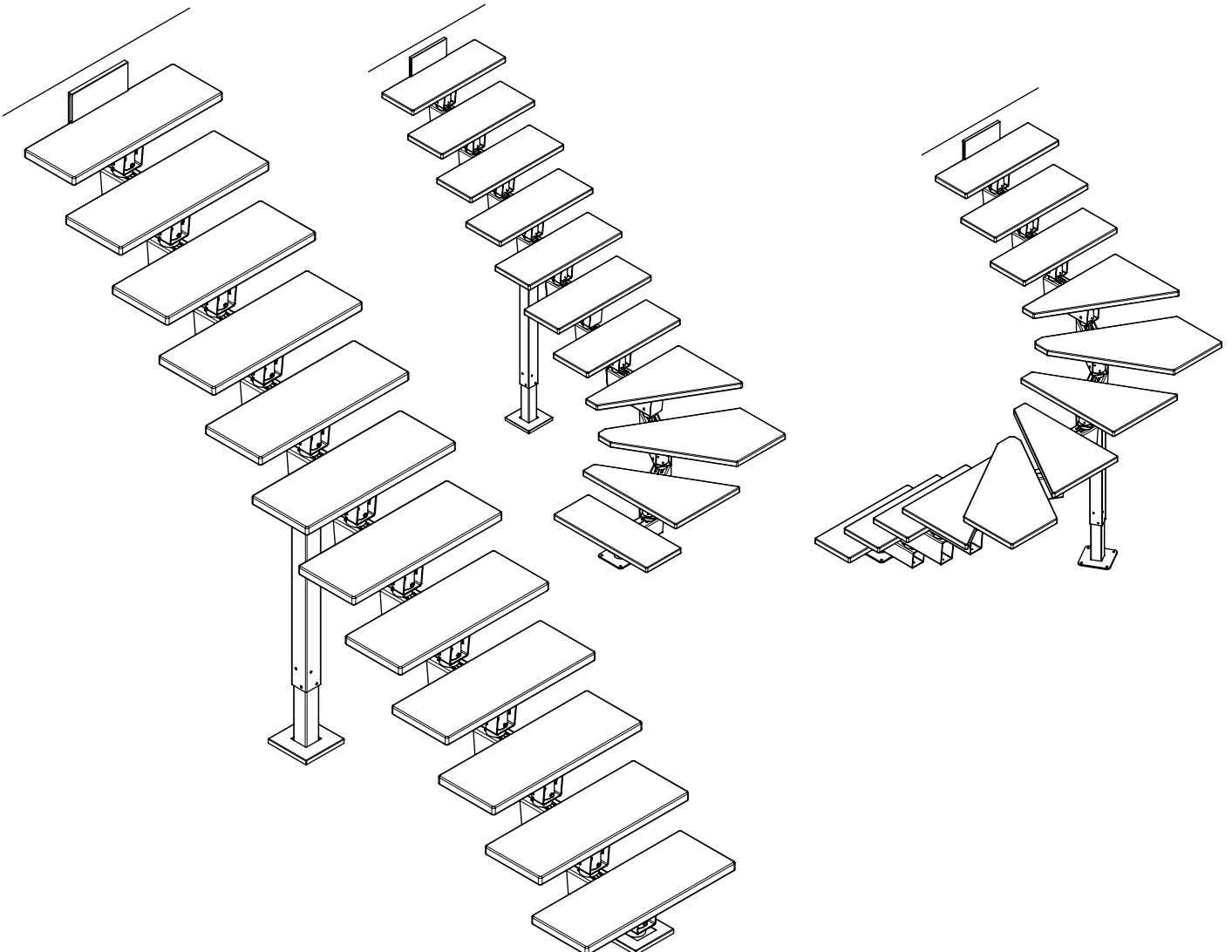
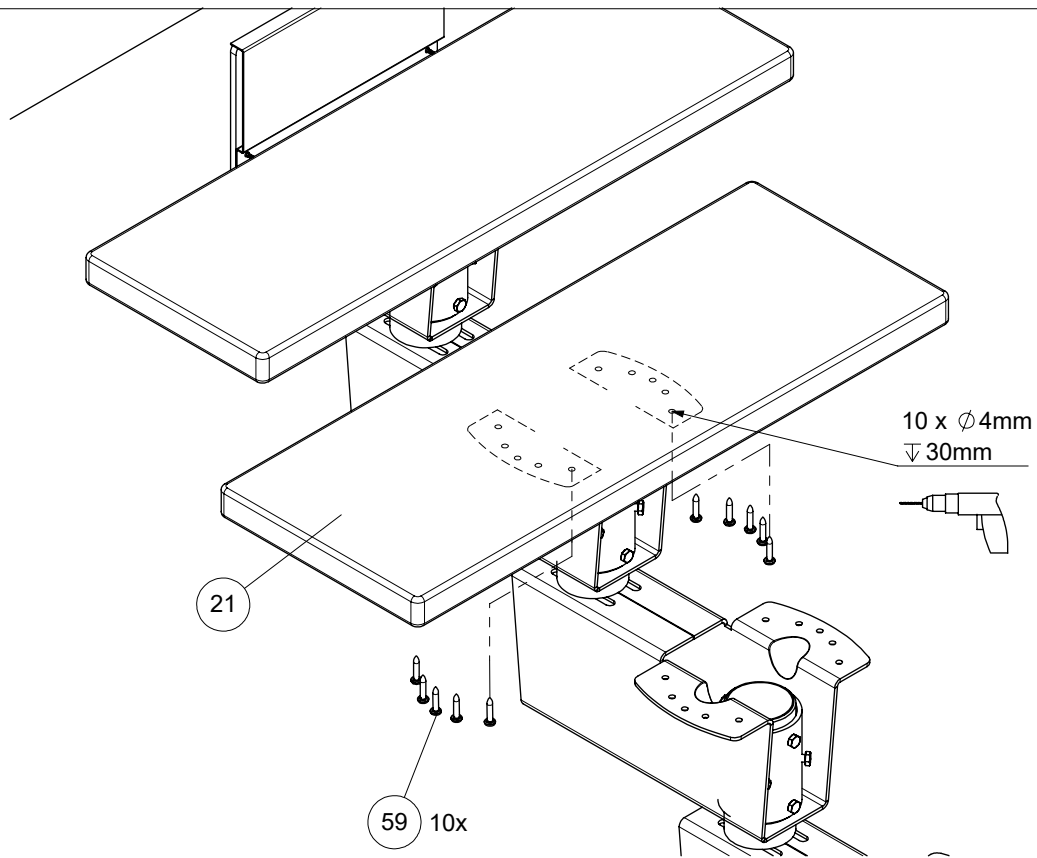


25a

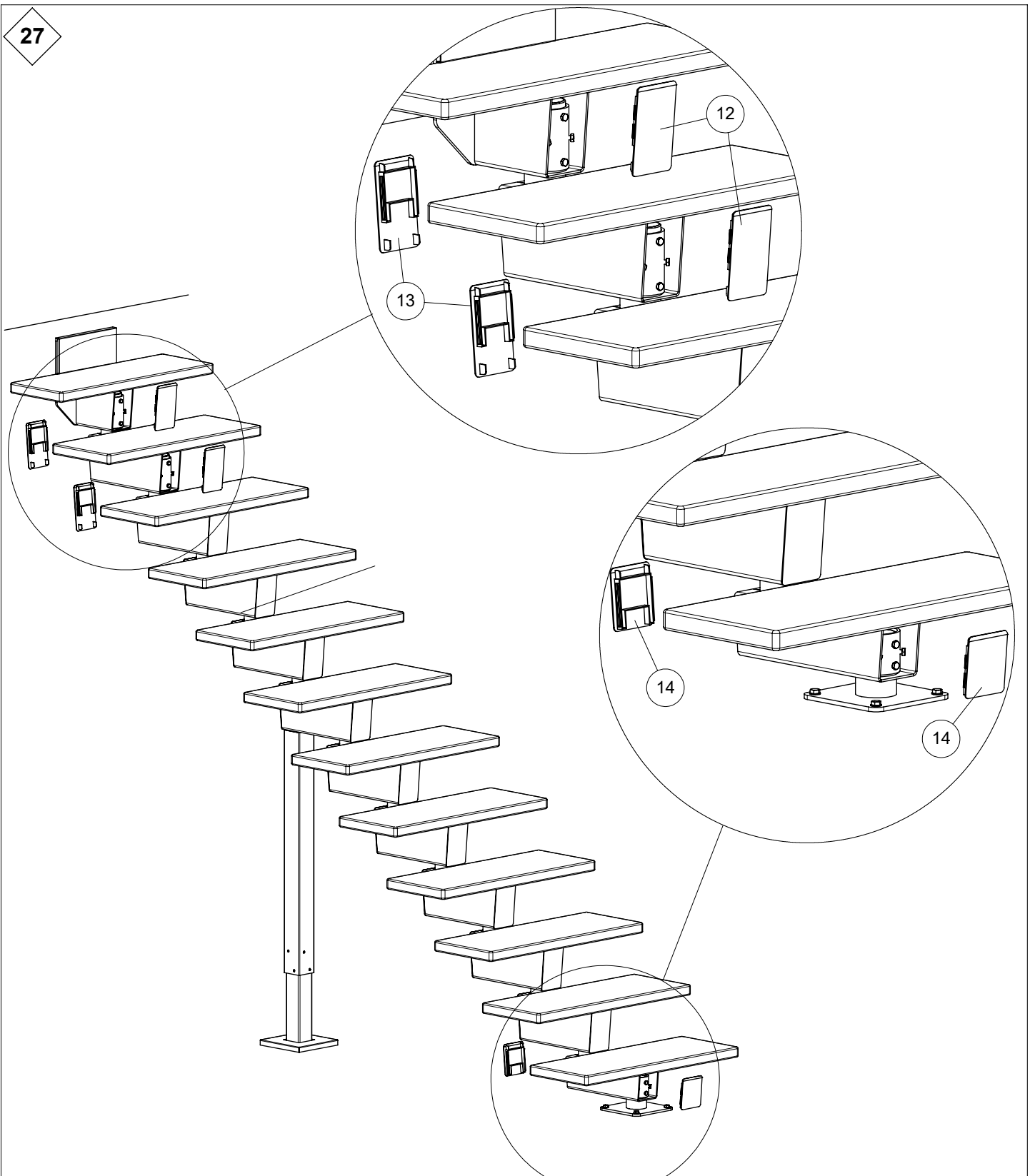


25b

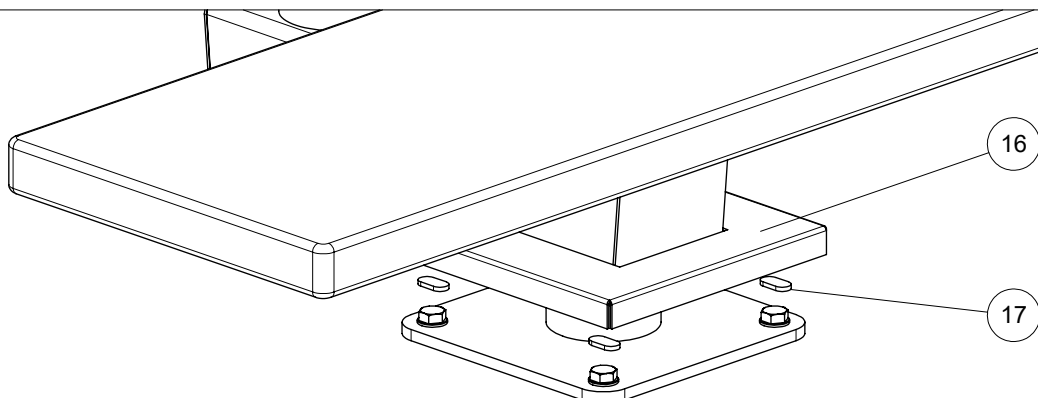




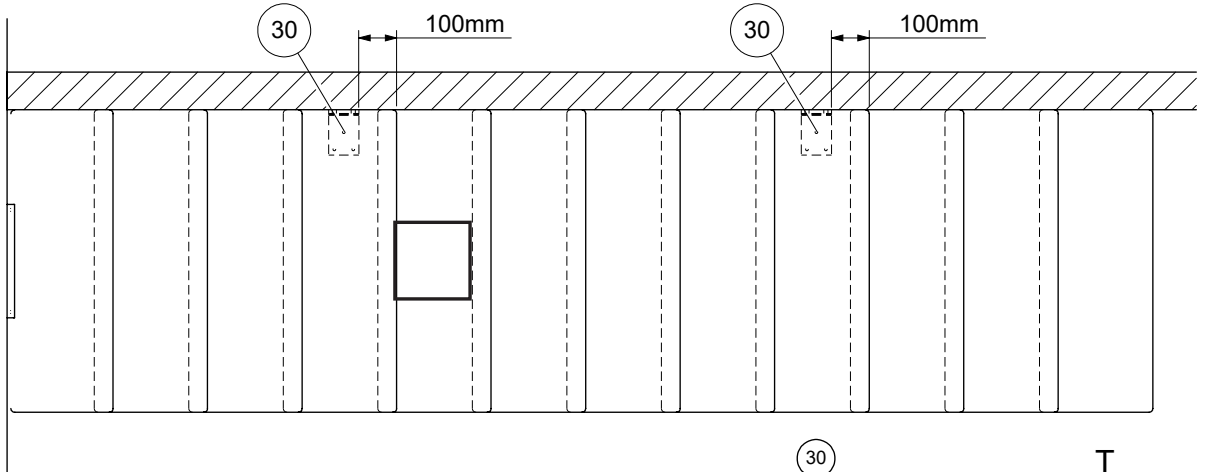
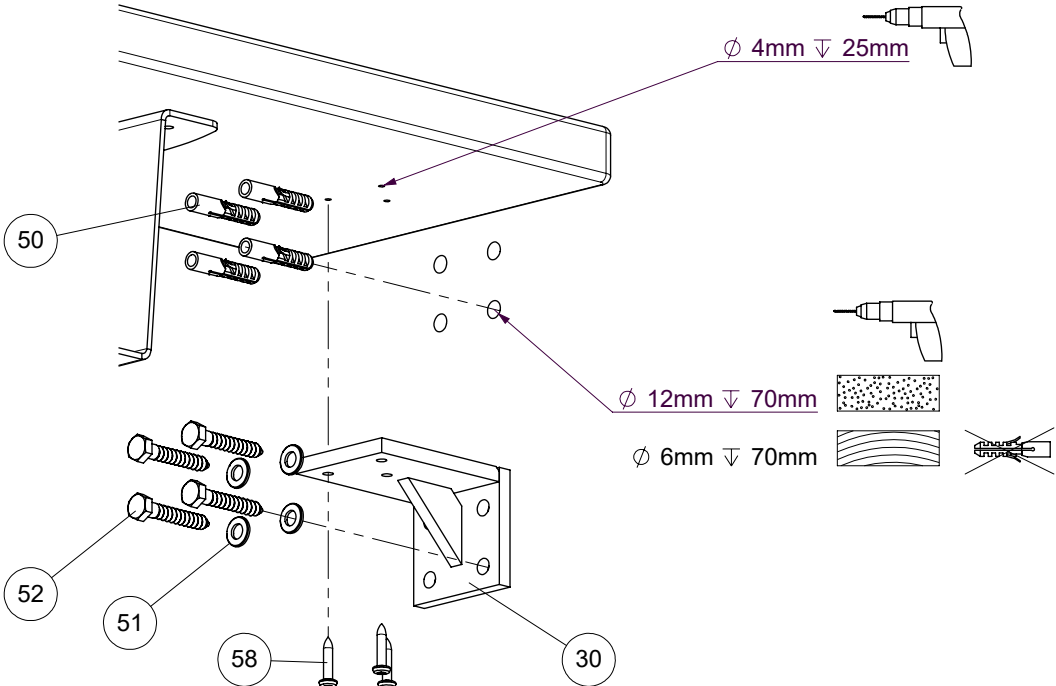
27



28



29a

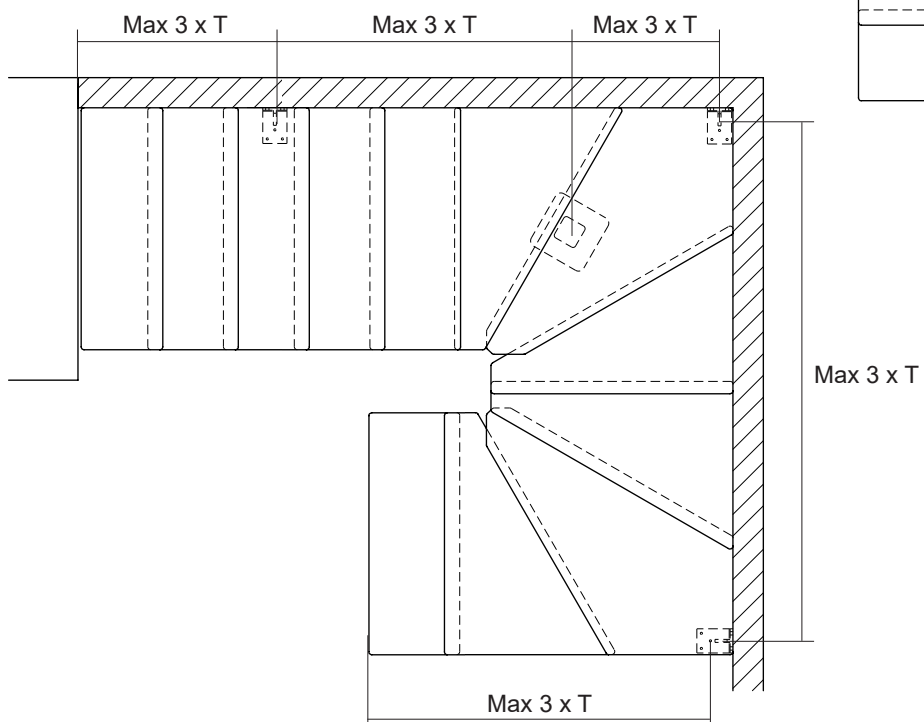
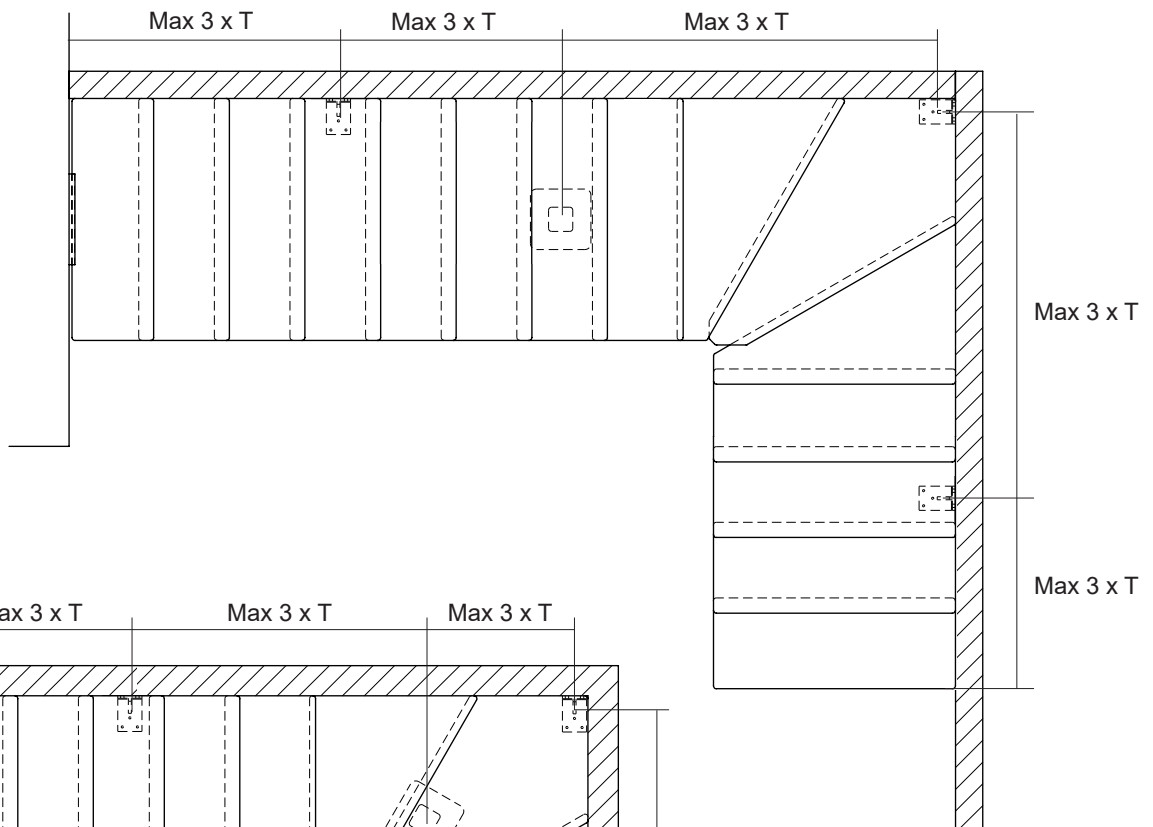
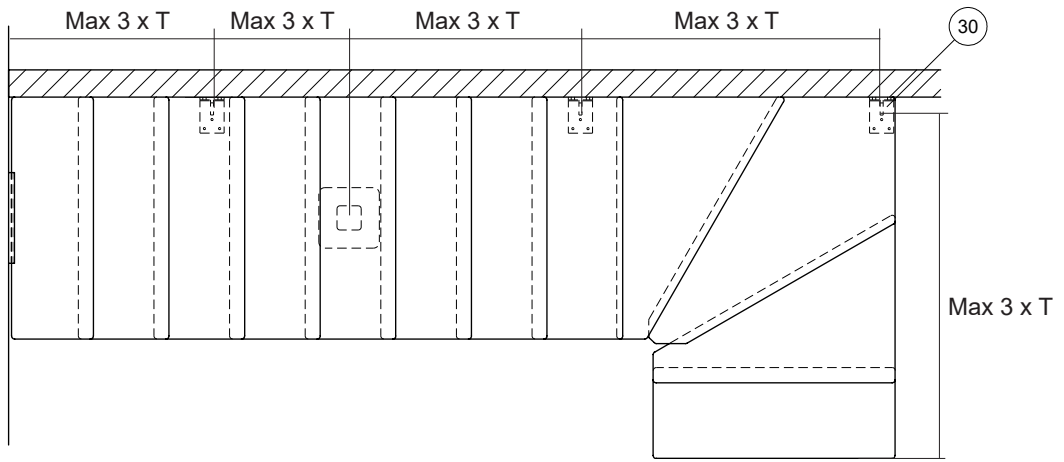


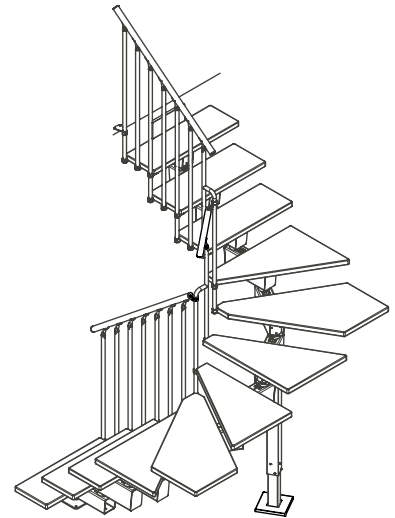
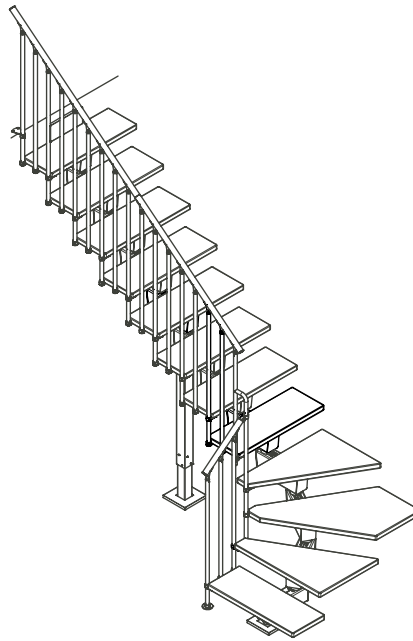
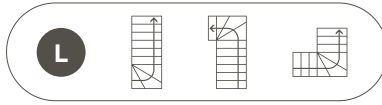
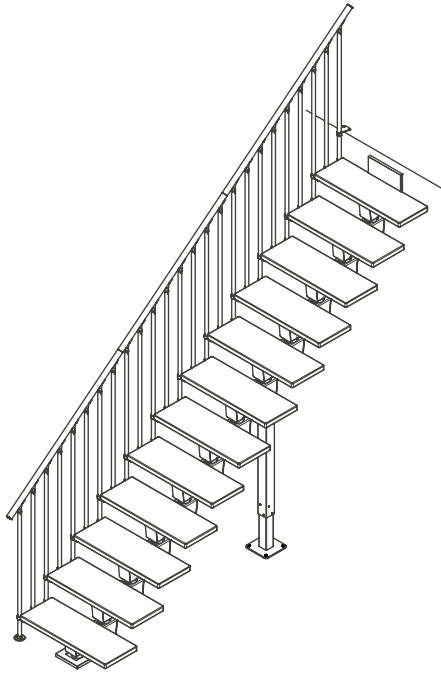
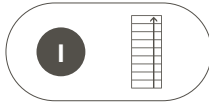
The diagram illustrates a sequence of memory states or registers over time, labeled T through 16. Each state consists of 12 positions. The values in each position are as follows:

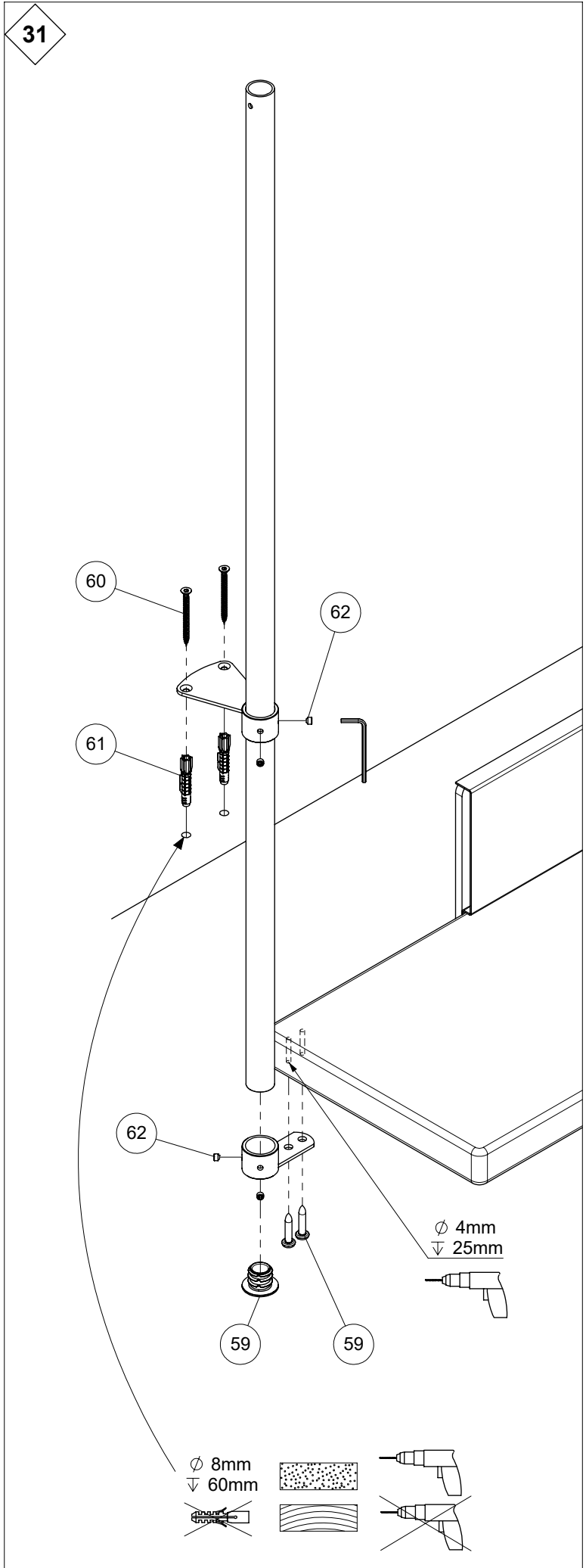
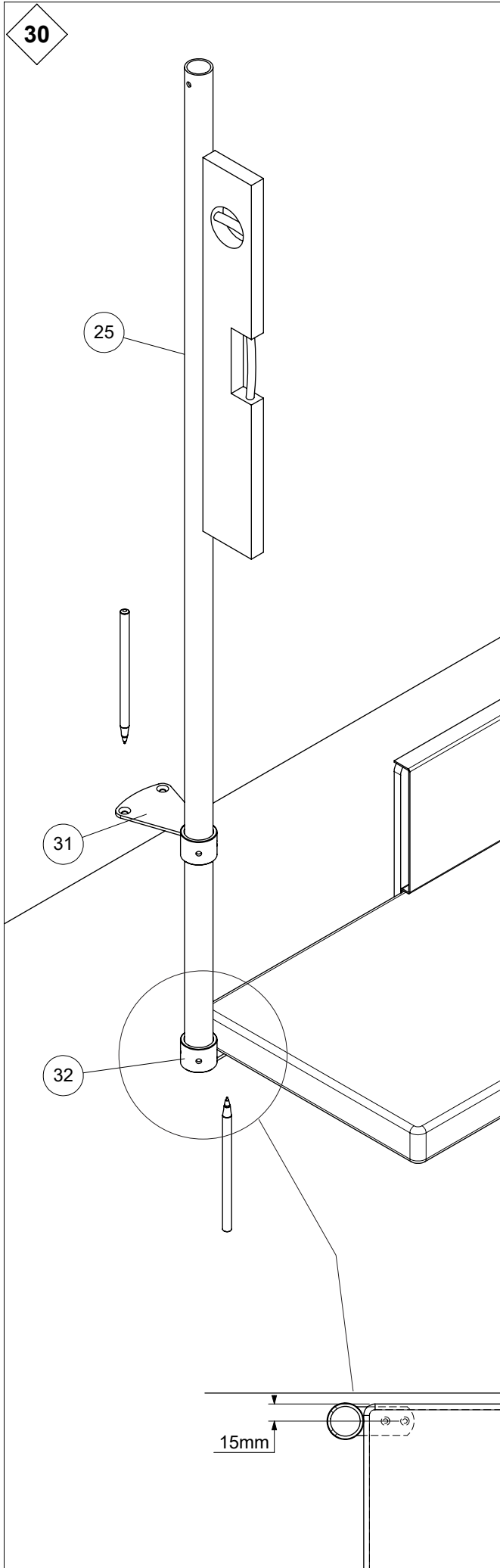
Label	Pos 1	Pos 2	Pos 3	Pos 4	Pos 5	Pos 6	Pos 7	Pos 8	Pos 9	Pos 10	Pos 11
T	11	10	9	8	7	6	5	4	3	2	1
11	12	11	10	9	8	7	6	5	4	3	2
12	13	12	11	10	9	8	7	6	5	4	3
13	14	13	12	11	10	9	8	7	6	5	4
14	15	14	13	12	11	10	9	8	7	6	5
15	16	15	14	13	12	11	10	9	8	7	6
16	16	15	14	13	12	11	10	9	8	7	6

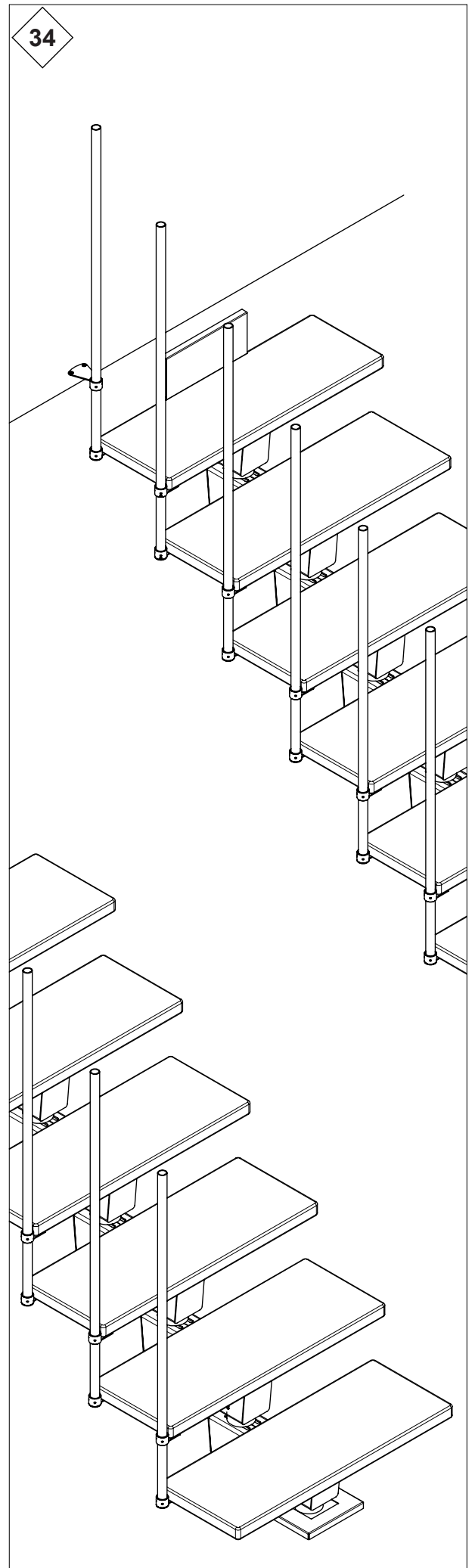
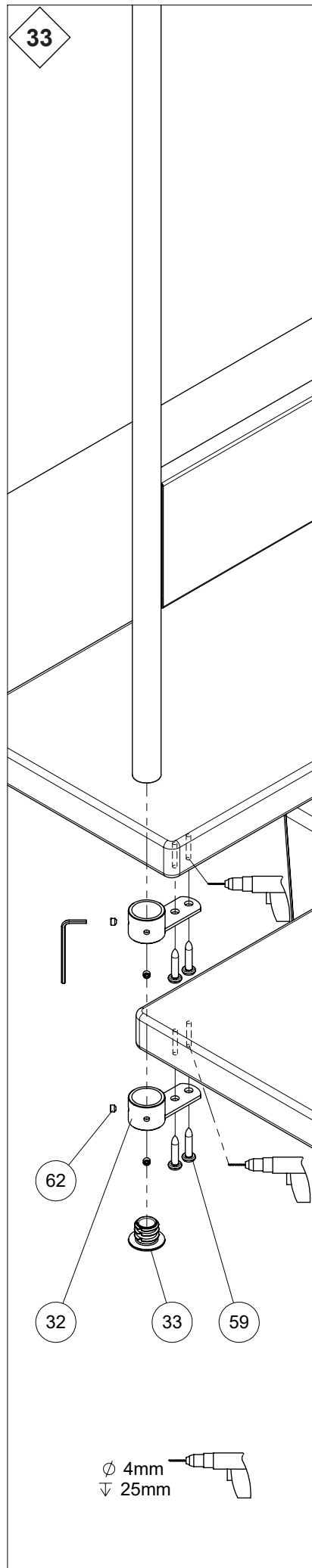
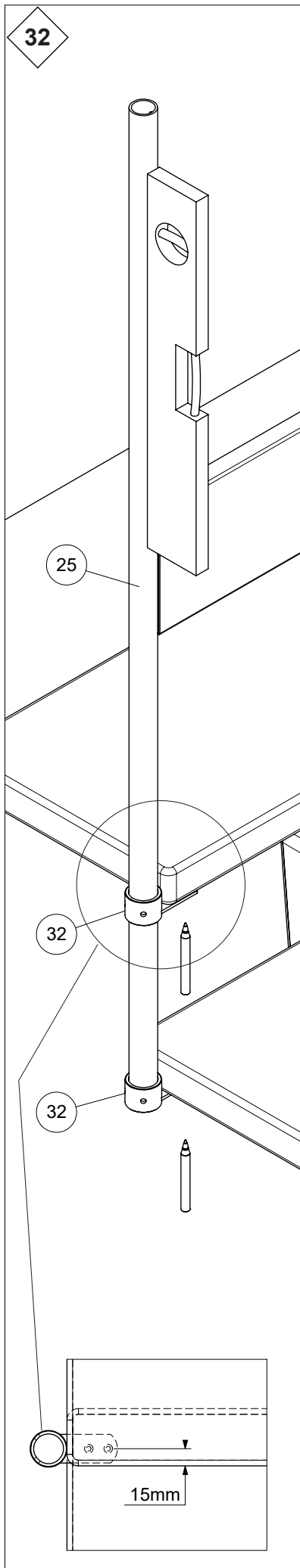
A callout box containing the value '30' points to the value '4' in position 8 of the first row (T).

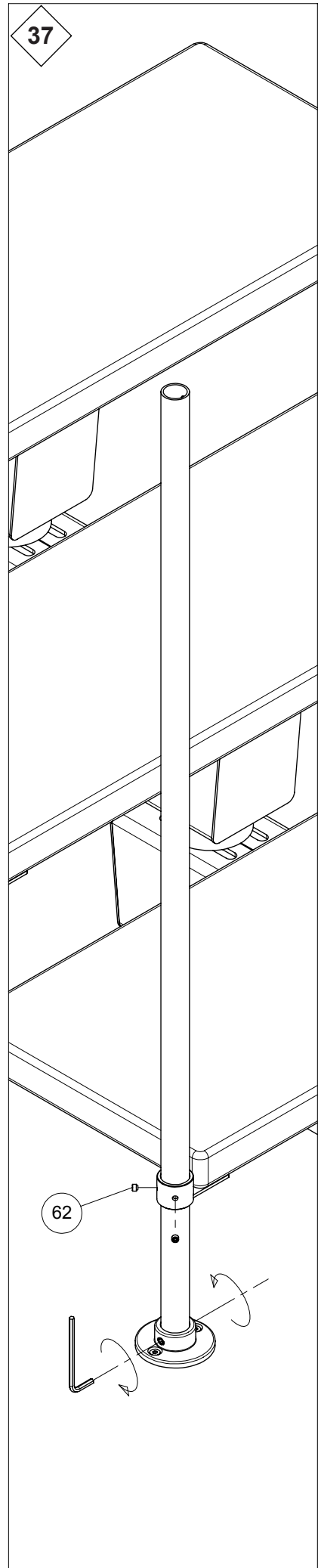
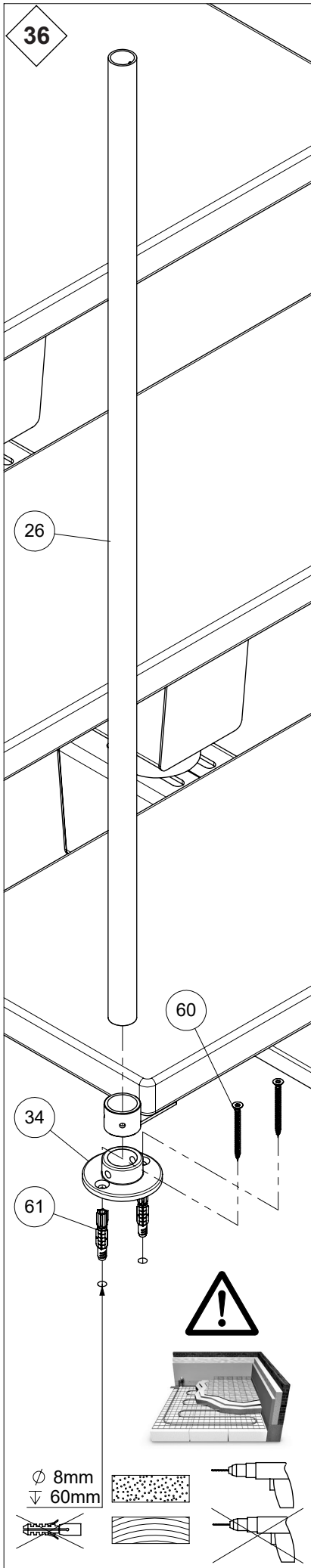
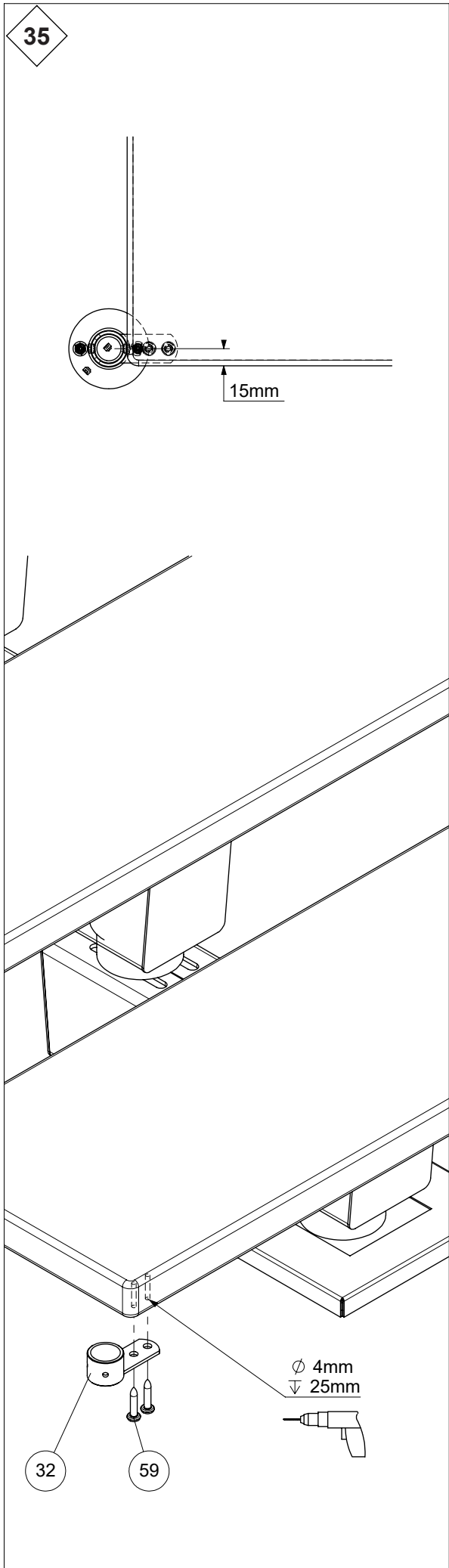
29b



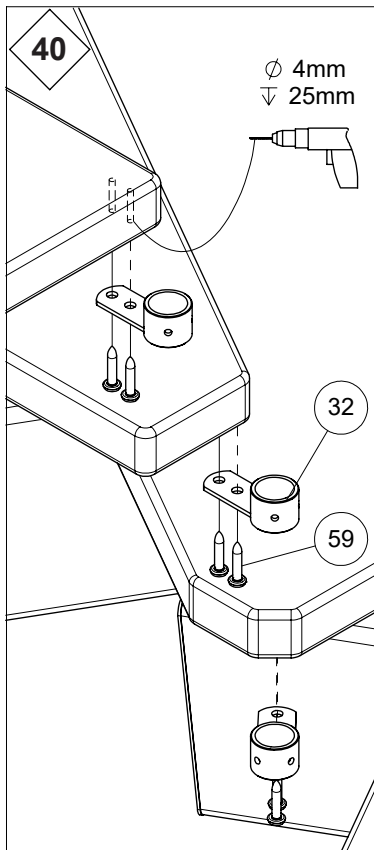






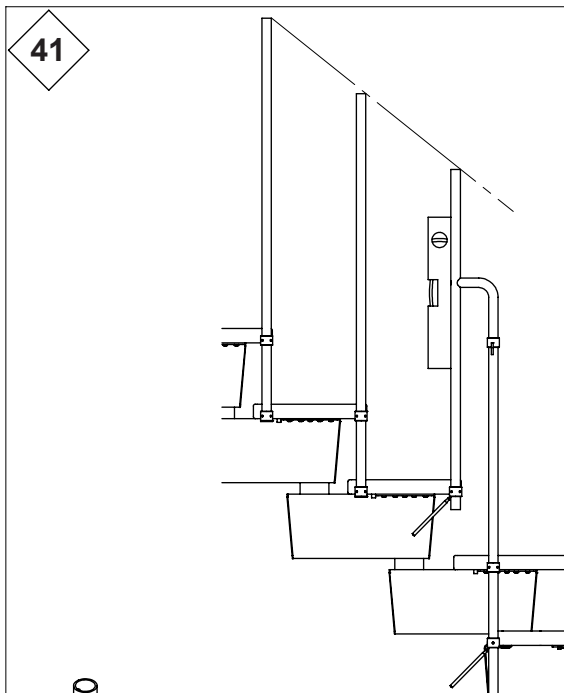
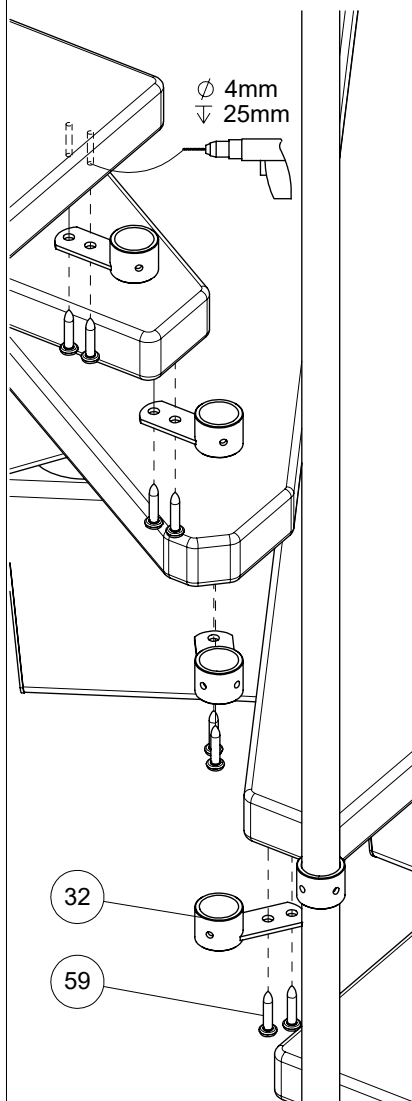


dolle.com | Page 37 of 44



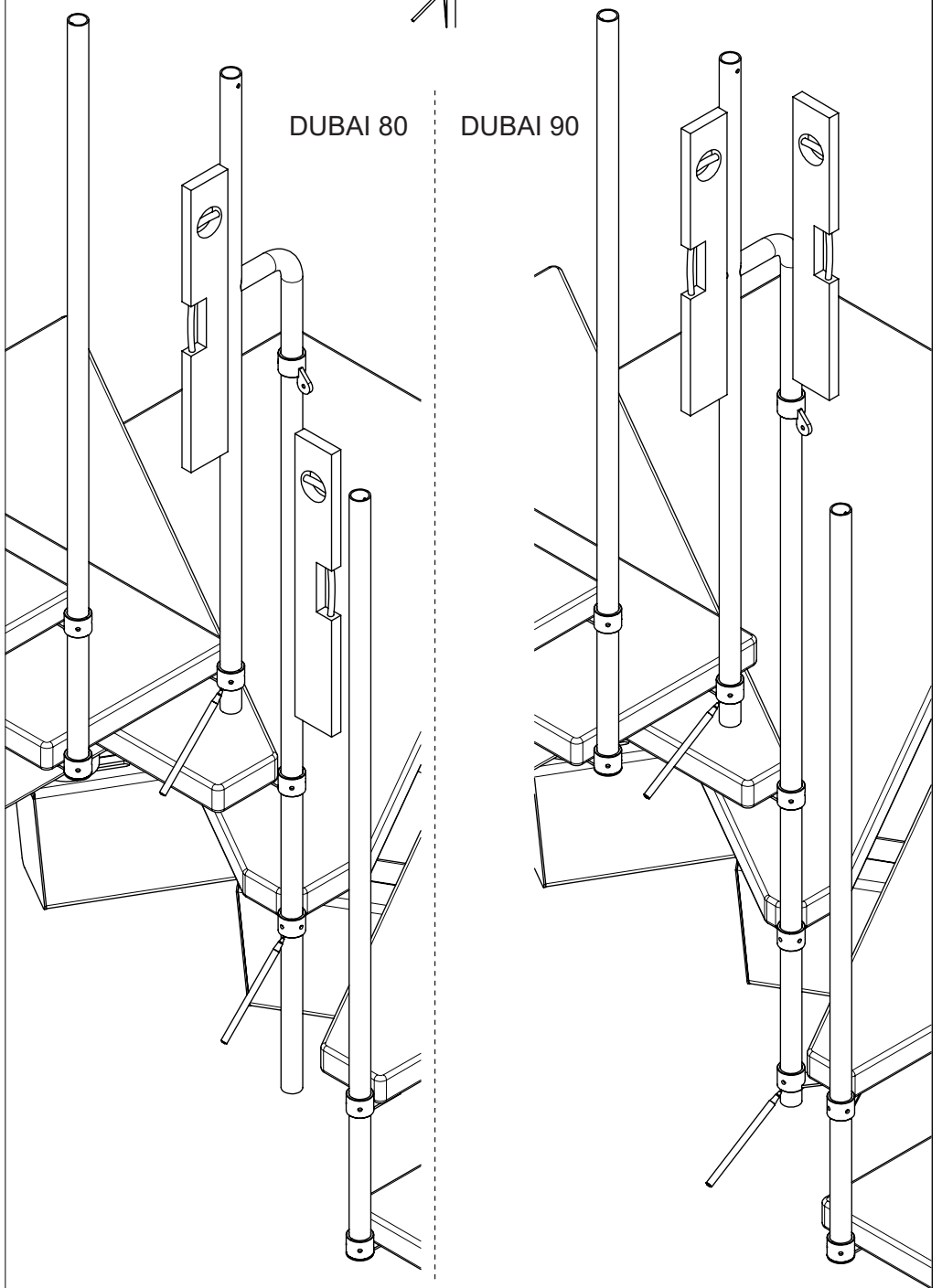
DUBAI 80

DUBAI 90

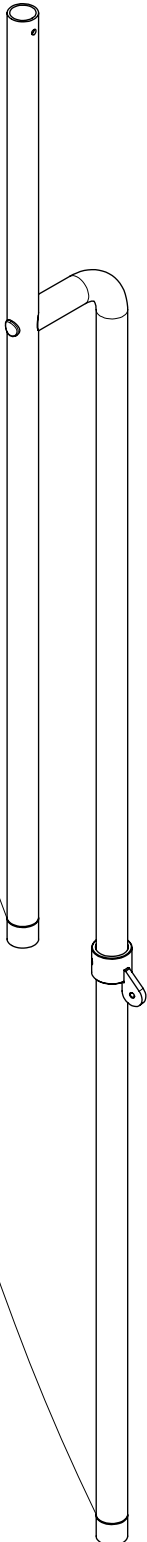
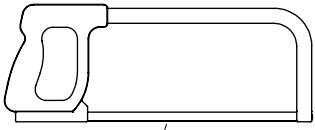


DUBAI 80

DUBAI 90



42



43

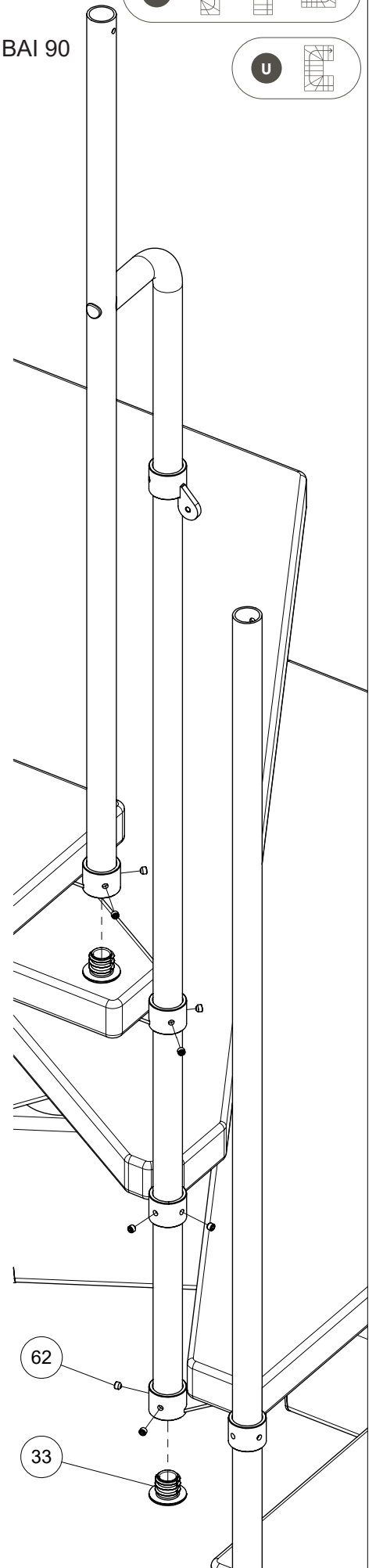
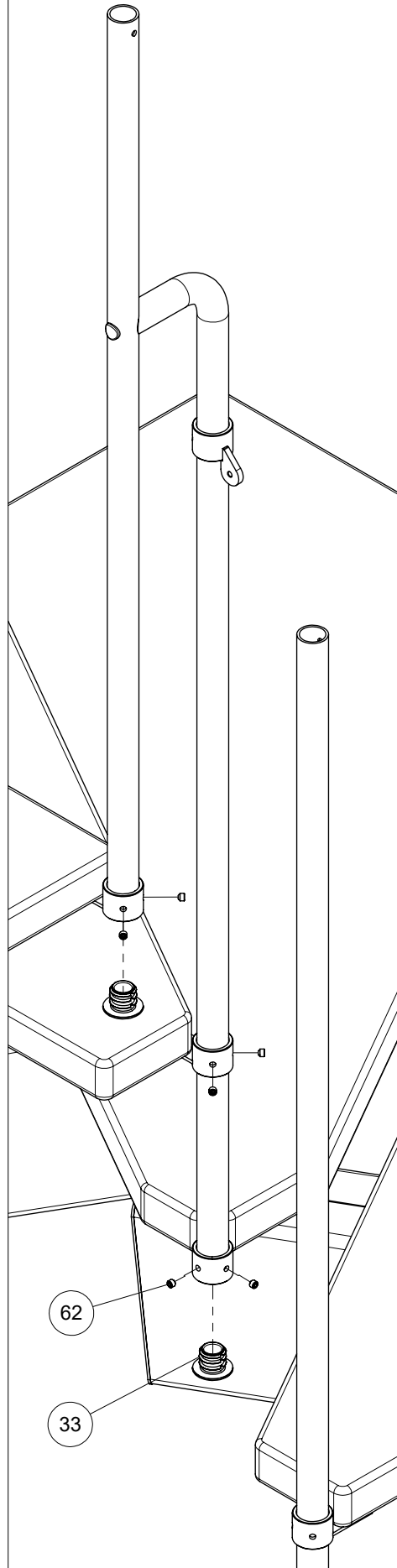
DUBAI 80

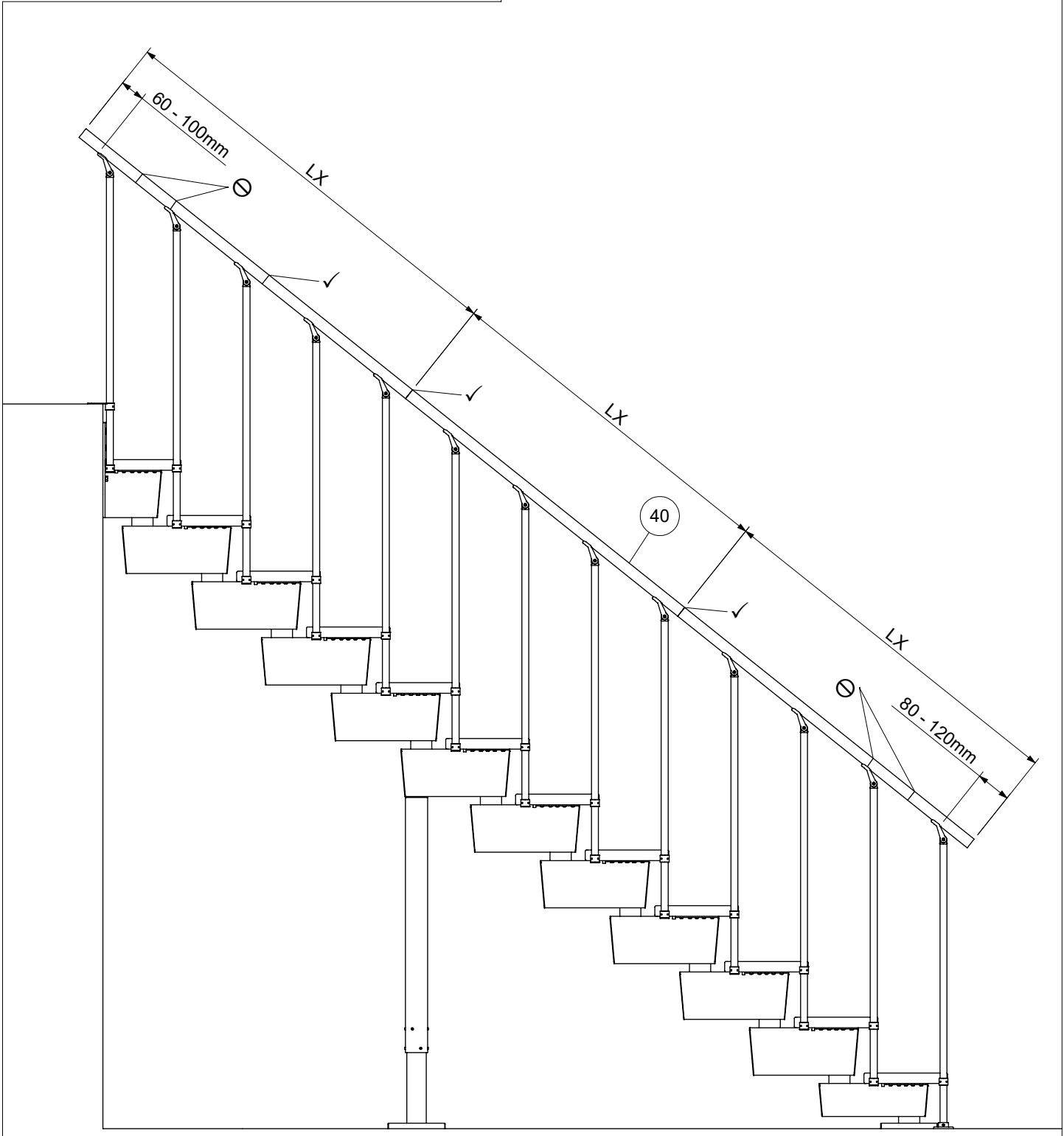
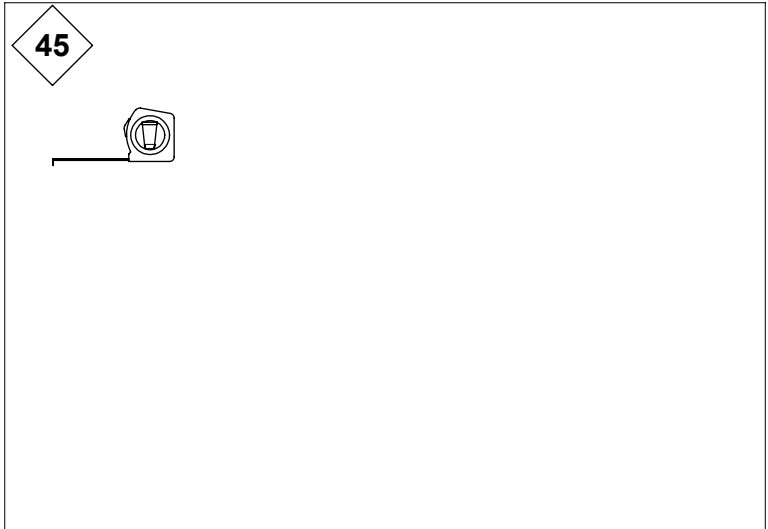
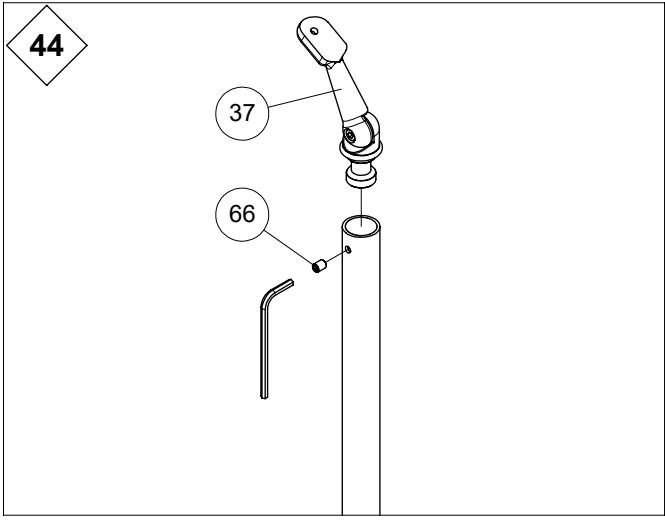
DUBAI 90

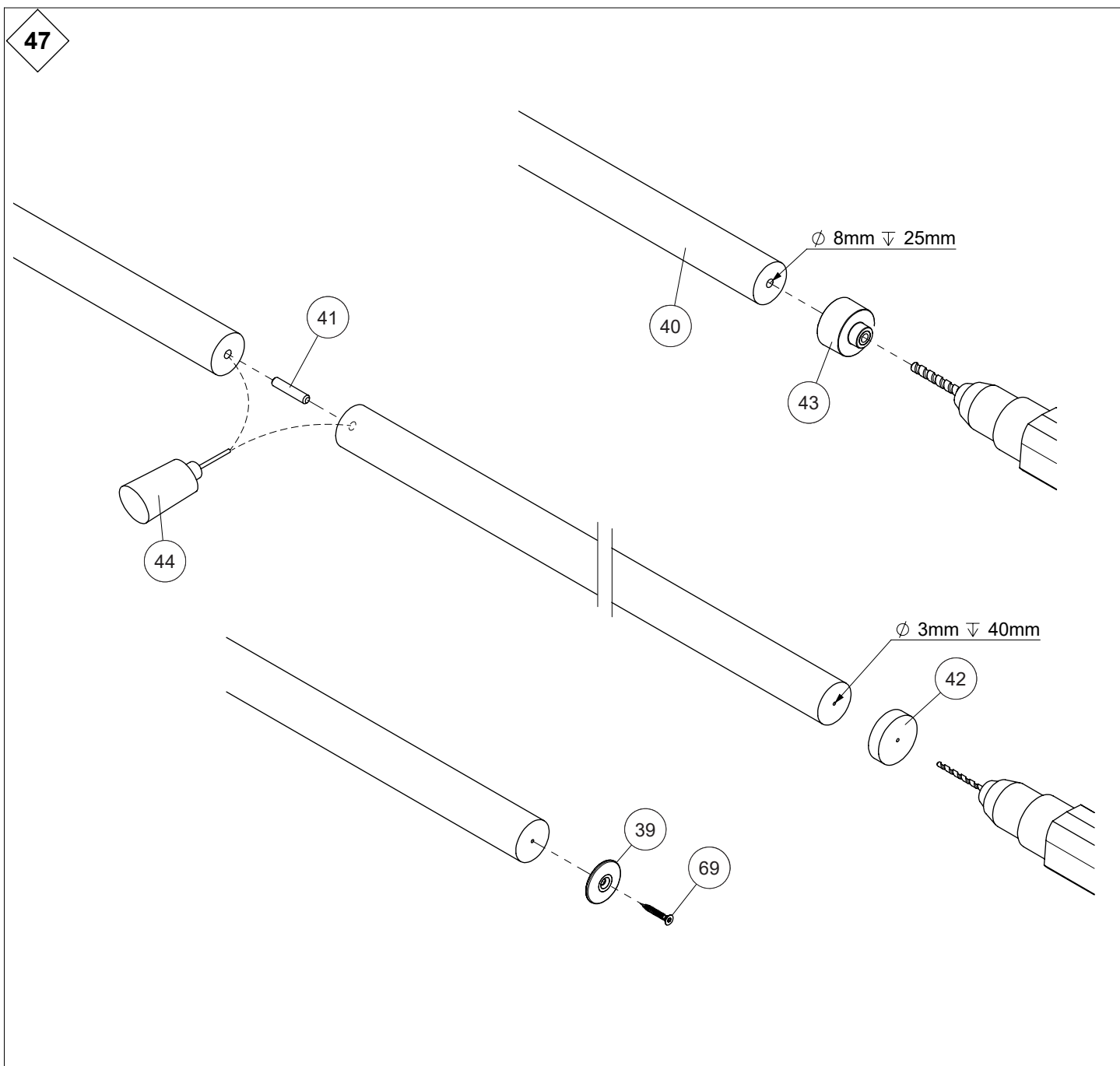
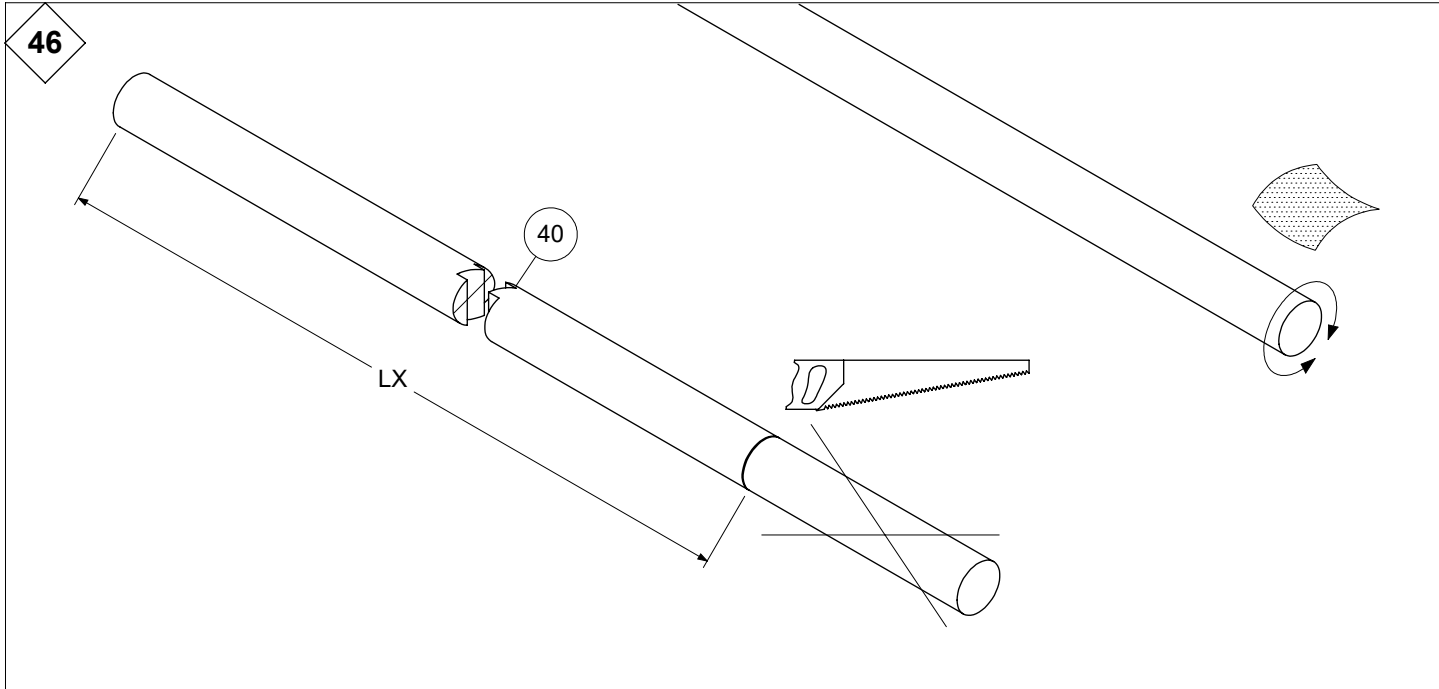
L

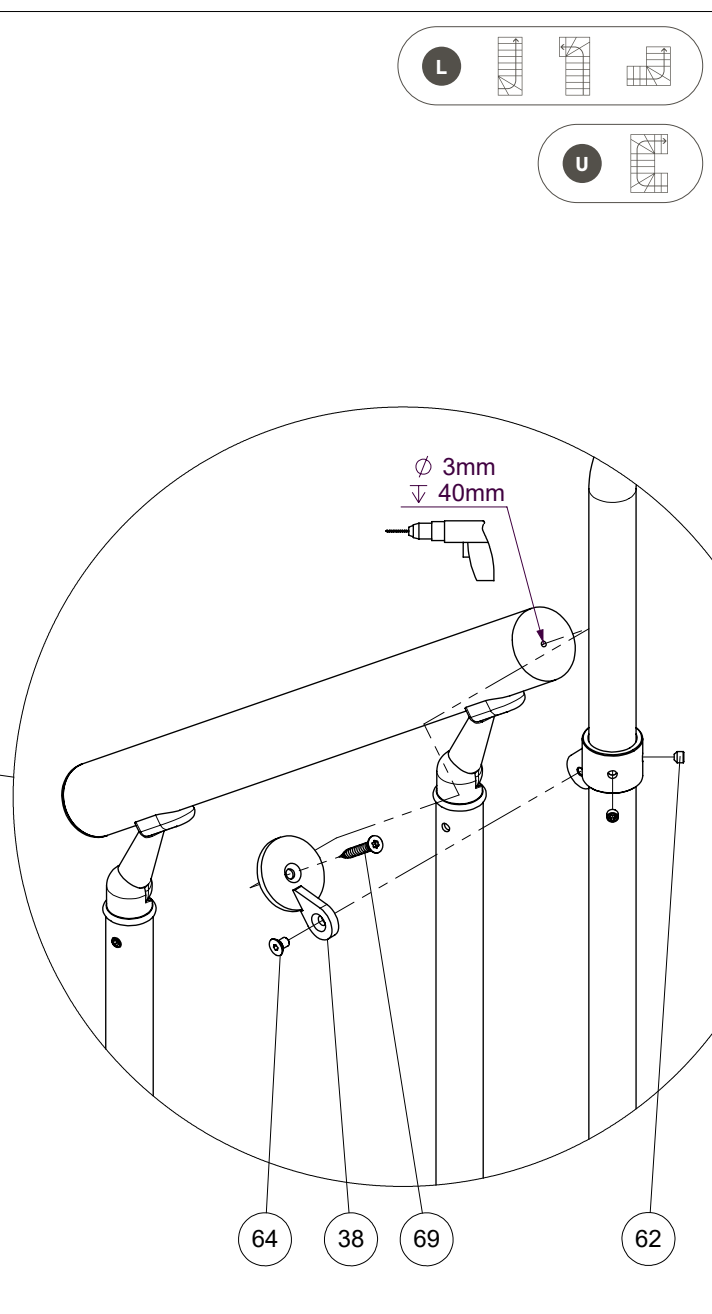
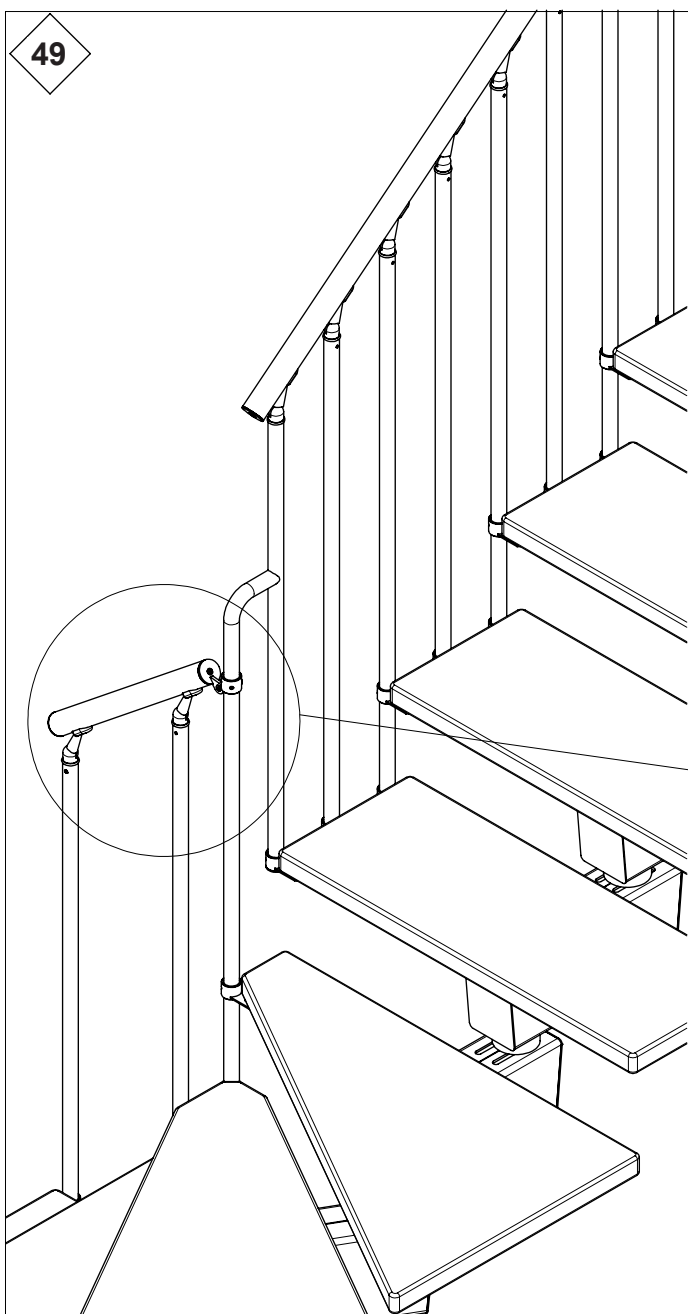
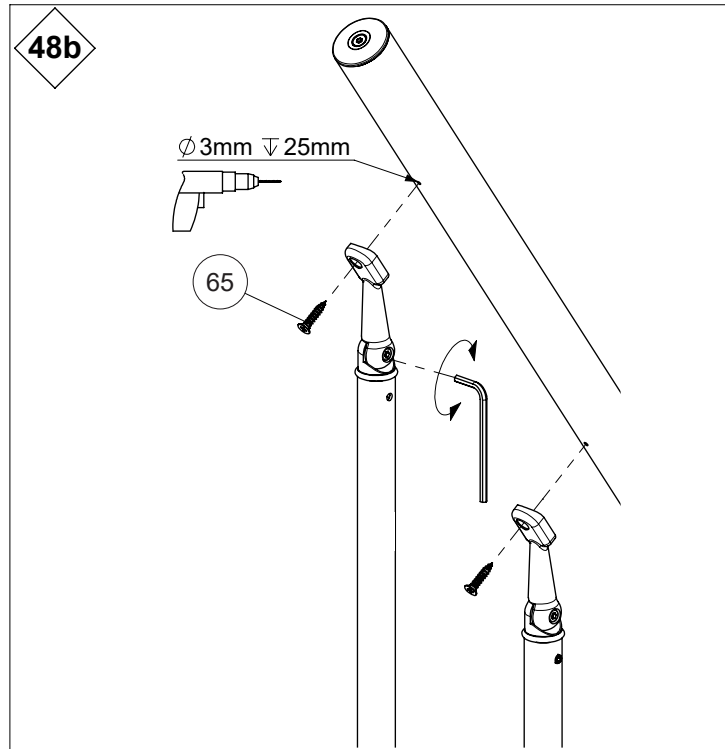
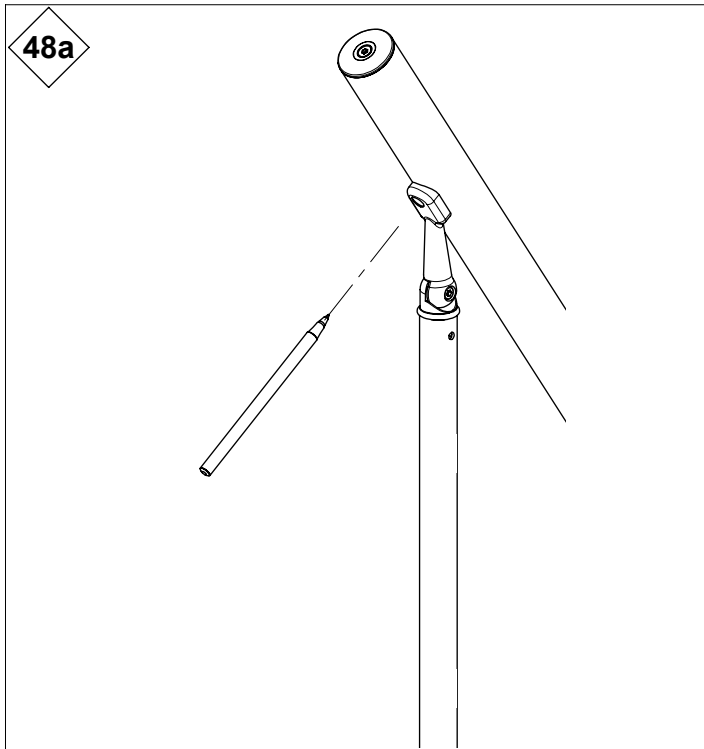


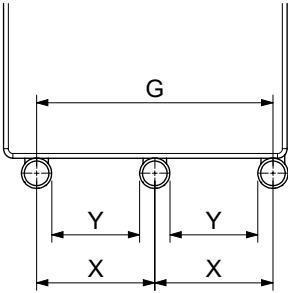
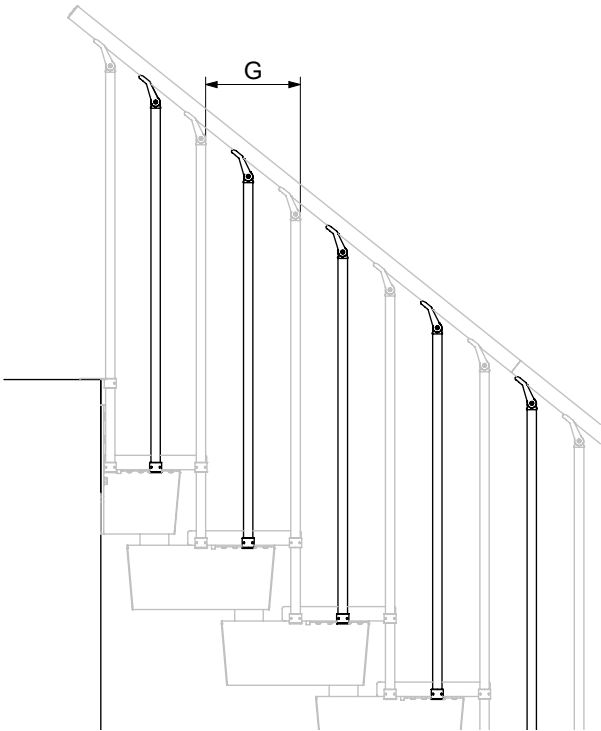
U



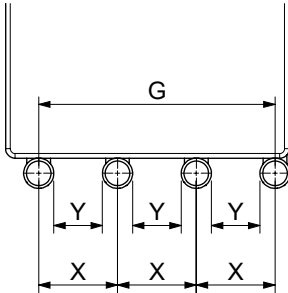








CLASSIC III		
G	220 mm	270 mm
X	110 mm	135 mm
Y	85 mm	110 mm



CLASSIC III		
G	220 mm	270 mm
X	75 mm	90 mm
Y	48 mm	65 mm

