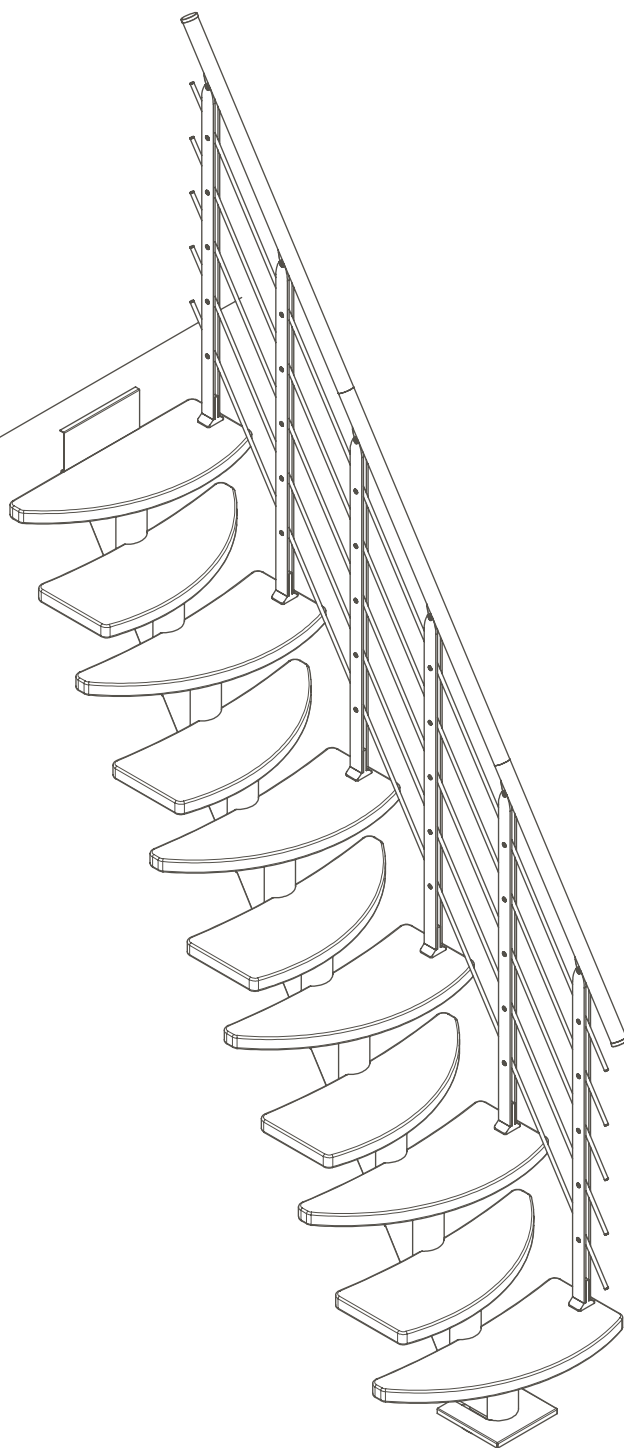




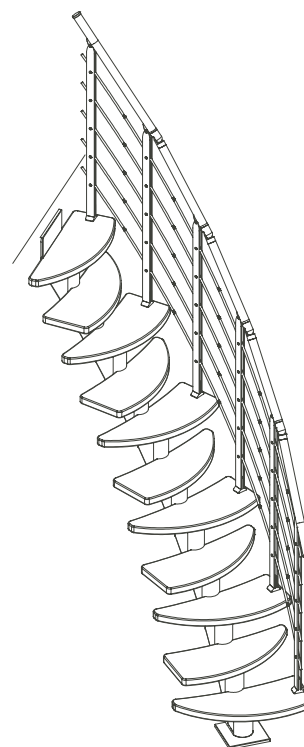
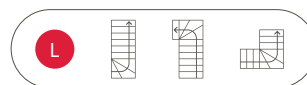
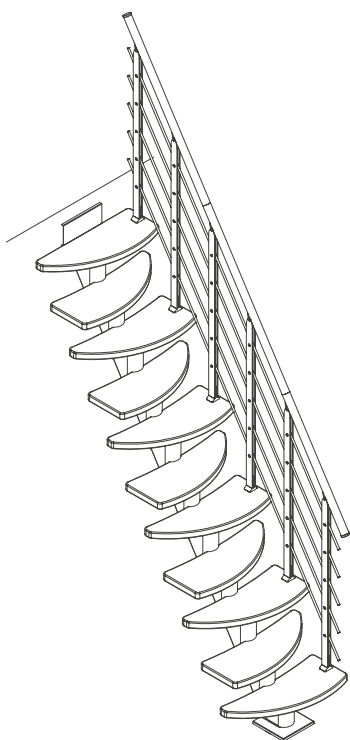
DESIGN BANISTER

BERLIN

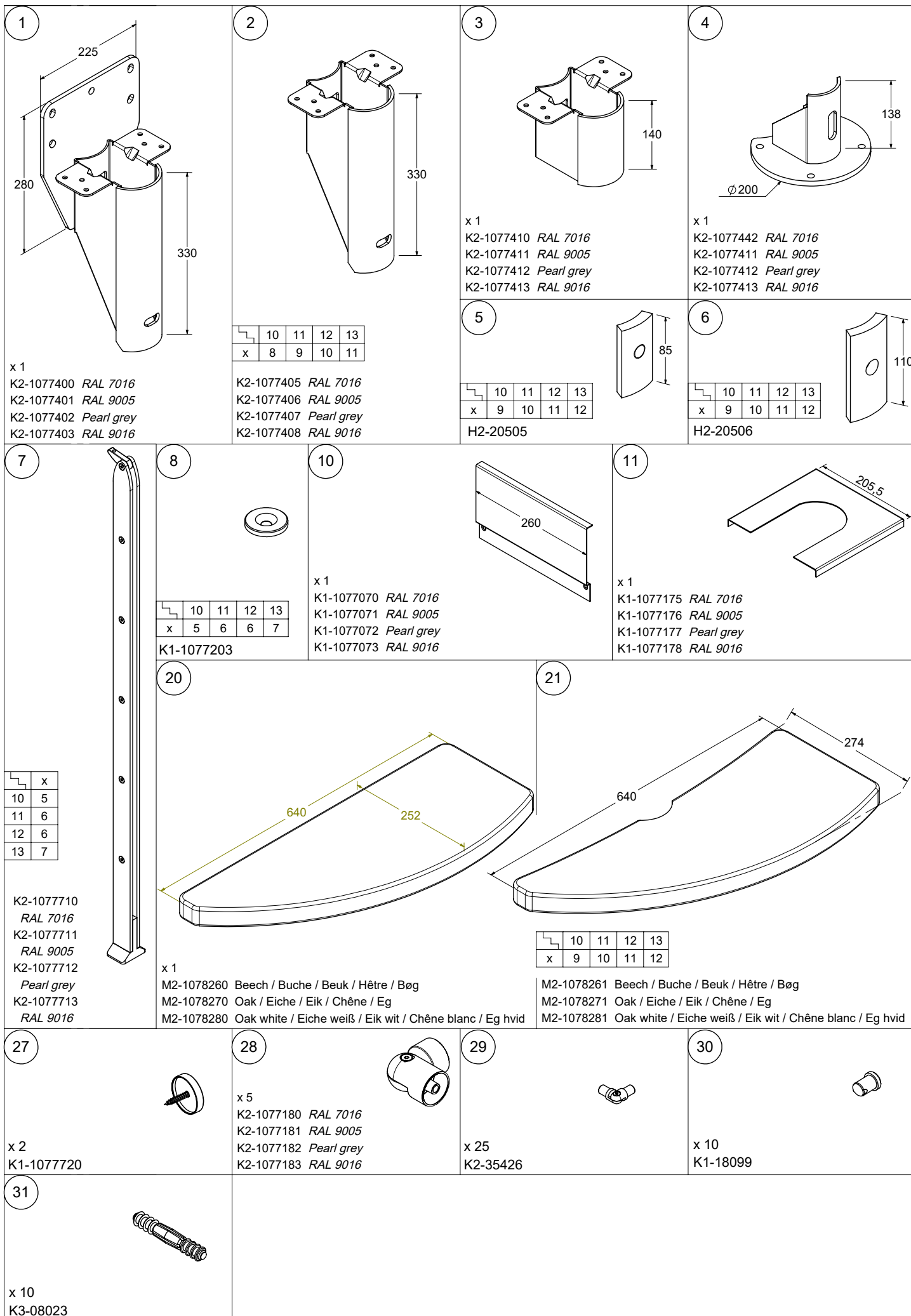
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INSTRUKTION / INSTRUCCION / INSTRUKCJA**

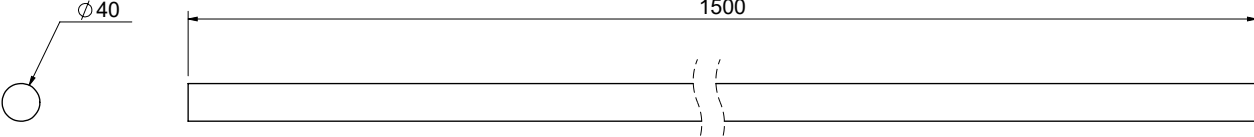
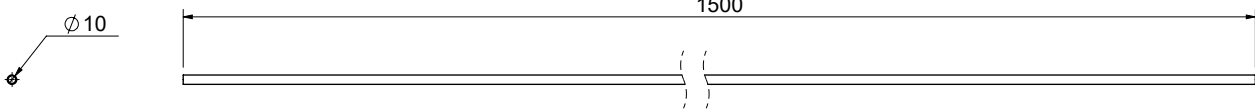
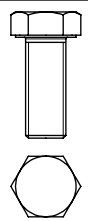
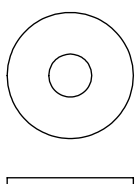
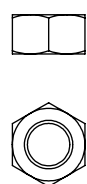
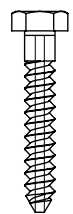
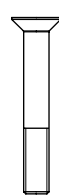
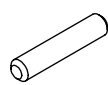
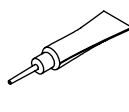
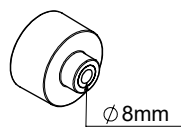
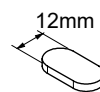
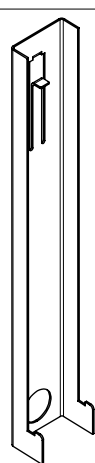
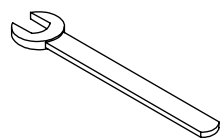
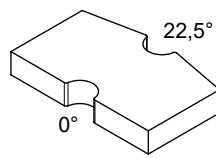
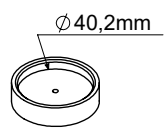
SOGEM®

PART OF DOLLE GROUP



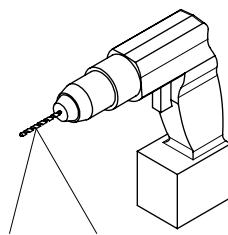
	Height floor-to-floor	Rise height	Number of treads
	Geschosshöhe	Steigungshöhe	Anzahl Stufen
	Hauteur sol-sol	Hauteur de marche	Nombre de marches
	Altura de suelo/suelo	Altura de peldaños	Numero de peldaños
	Altura do chão / chão	Altura do degrau	Número de etapas (degraus)
	Hoogte vloer/vloer	Hoogte 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



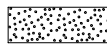
32  1078905 <i>Beech / Buche / Beuk / Hêtre / Bøg</i> 1078915 <i>Oak / Eiche / Eik / Chêne / Eg</i> <table><tr><td></td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>x</td><td>2</td><td>2</td><td>2</td><td>3</td></tr></table>		10	11	12	13	x	2	2	2	3													
	10	11	12	13																			
x	2	2	2	3																			
33  x 15 K1-18049																							
37  <table><tr><td></td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>x</td><td>10</td><td>11</td><td>12</td><td>13</td></tr></table> R1-63500 M16 x 40		10	11	12	13	x	10	11	12	13	38  <table><tr><td></td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>x</td><td>10</td><td>11</td><td>12</td><td>13</td></tr></table> K3-04053 Ø50 / Ø17		10	11	12	13	x	10	11	12	13	39  x 1 R2-86074 M16	40  x 9 K3-08001 Ø12 x 60
	10	11	12	13																			
x	10	11	12	13																			
	10	11	12	13																			
x	10	11	12	13																			
41  x 9 K3-04001 Ø10	42  x 9 K3-06003 Ø10 x 60	44  <table><tr><td></td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>x</td><td>60</td><td>66</td><td>72</td><td>78</td></tr></table> R1-63267 Ø6 x 35 TX30		10	11	12	13	x	60	66	72	78	46  <table><tr><td></td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>x</td><td>5</td><td>6</td><td>6</td><td>7</td></tr></table> K3-02097 M10 x 70		10	11	12	13	x	5	6	6	7
	10	11	12	13																			
x	60	66	72	78																			
	10	11	12	13																			
x	5	6	6	7																			
47  x 14 R3-91415 Ø8 x 40	48  <table><tr><td></td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>x</td><td>5</td><td>6</td><td>6</td><td>7</td></tr></table> K3-06239 Ø4,5 x 25		10	11	12	13	x	5	6	6	7	49  x 1 K3-90001	50  Ø8mm x 1 K1-01810										
	10	11	12	13																			
x	5	6	6	7																			
51  x 2 K3-06022 Ø5 x 35 TX25	56  x 2 K3-08006 Ø6 x 40	58  12mm x 8 R3-20590	59  Wood glue Holzkleber Colle à bois Trælim x 1 K3-90005																				
60  x 1 H2-63530	61  x 1 R1-63501 24 mm	62  22,5° 0° x 1 H3-35920	63  Ø40,2mm x 1 K1-01620																				



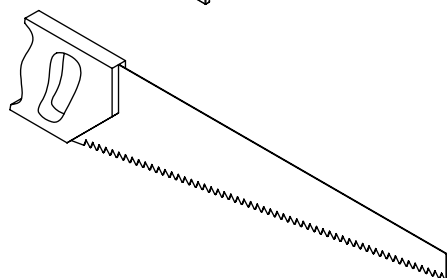
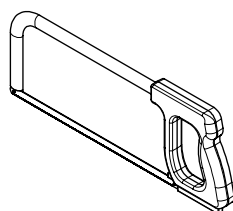
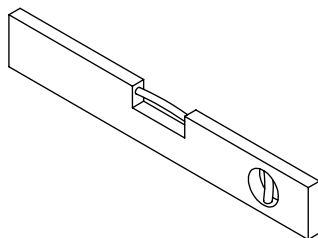
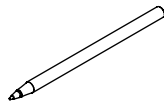
Tools not included!
Werkzeuge nicht enthalten!
Gereedschap niet inbegrepen!
Outils non inclus!
Værktøj ikke inkluderet!



Ø 3mm
Ø 4mm
Ø 6mm
Ø 8mm
Ø 10mm



Ø 6mm
Ø 12mm



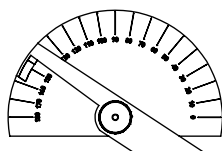
3mm
4mm
6mm



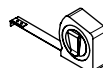
16mm



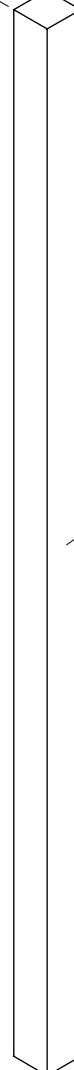
TX25
TX30
PZ2



Protractor
Winkelmesser
Gradenboog
Rapporteur d'angle
Vinkelmåler



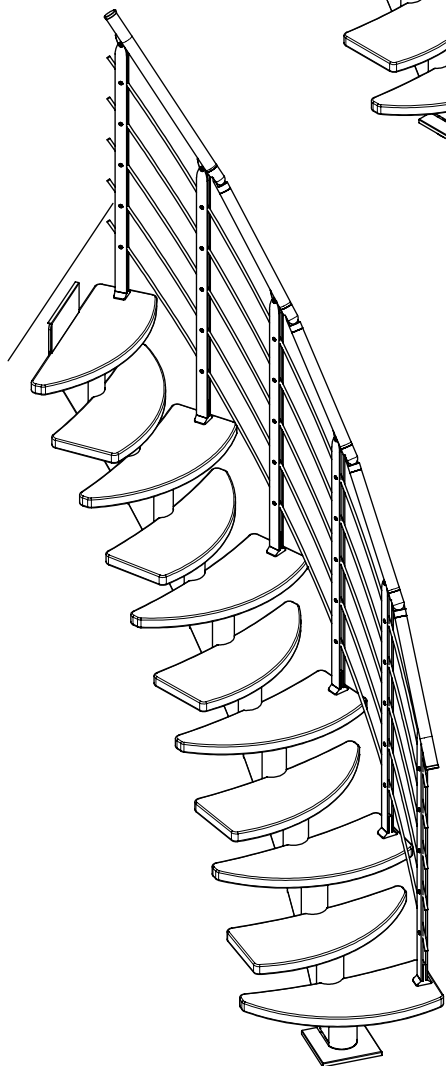
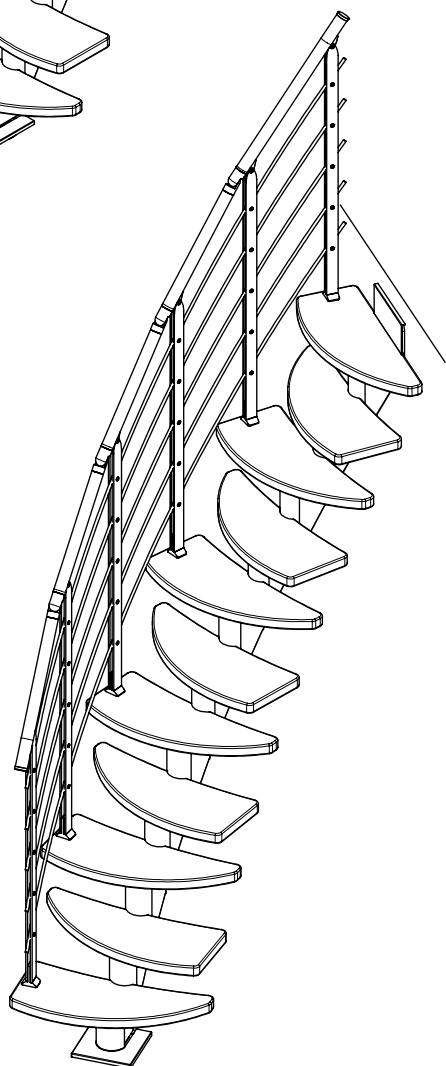
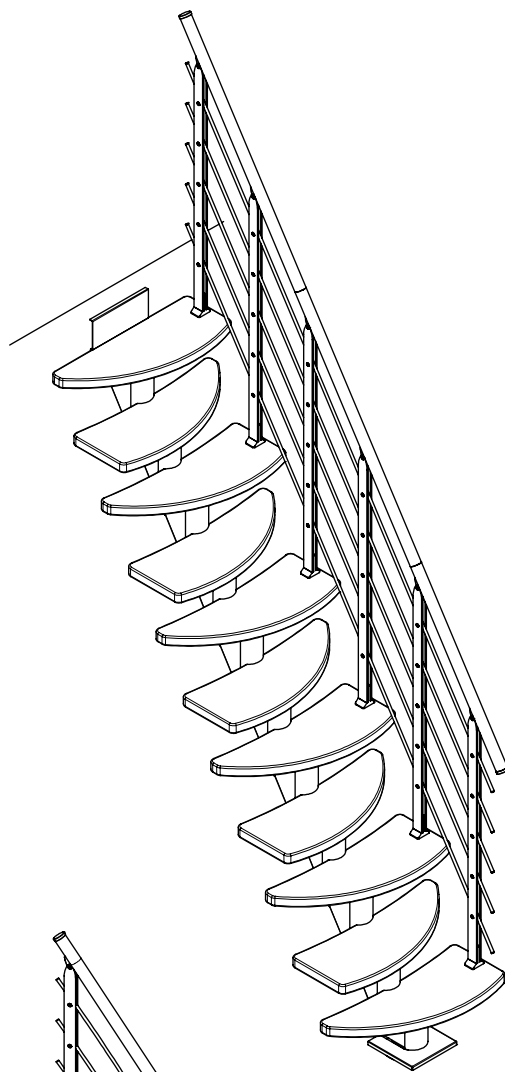
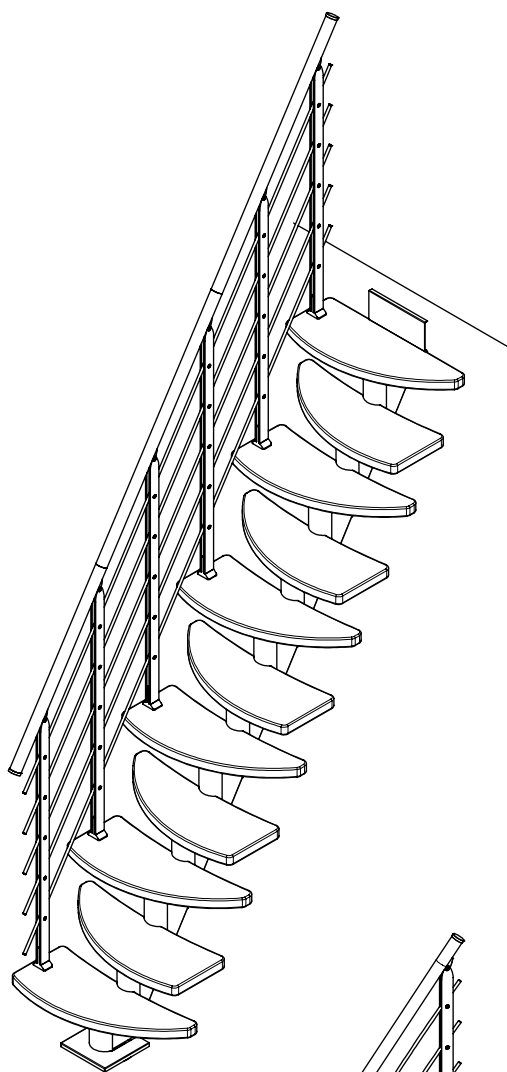
~ 50mm ~ 50mm

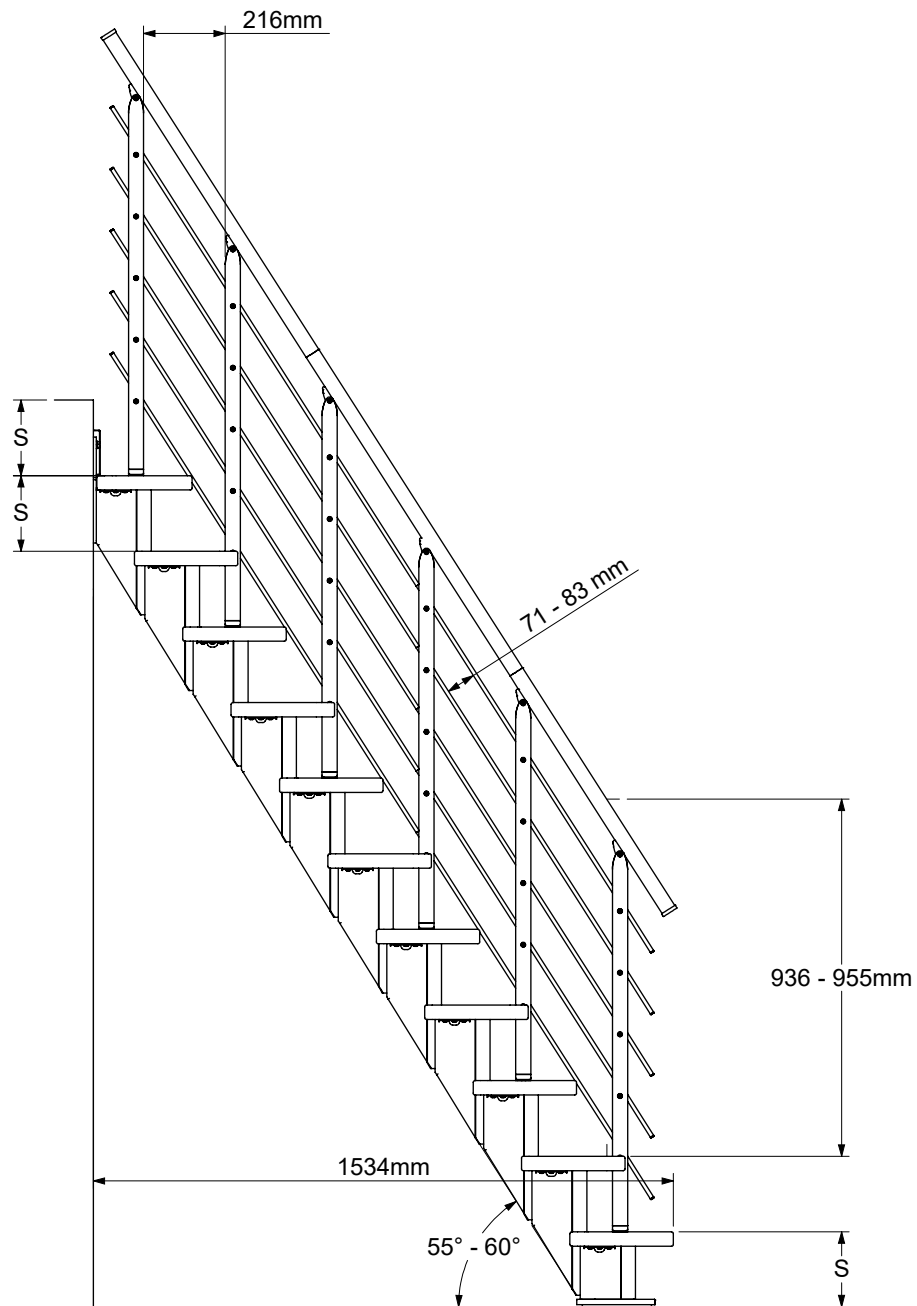




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$$S = \frac{H}{T + 1}$$

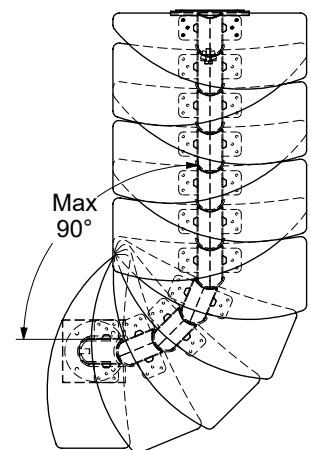
min S	max S
185 mm	225 mm

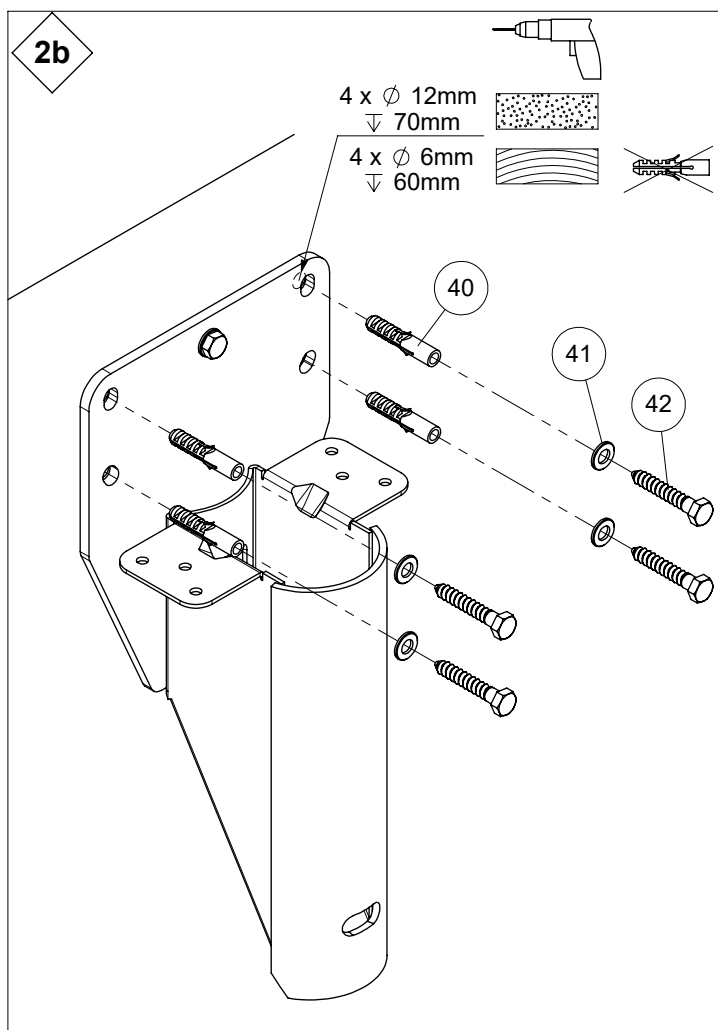
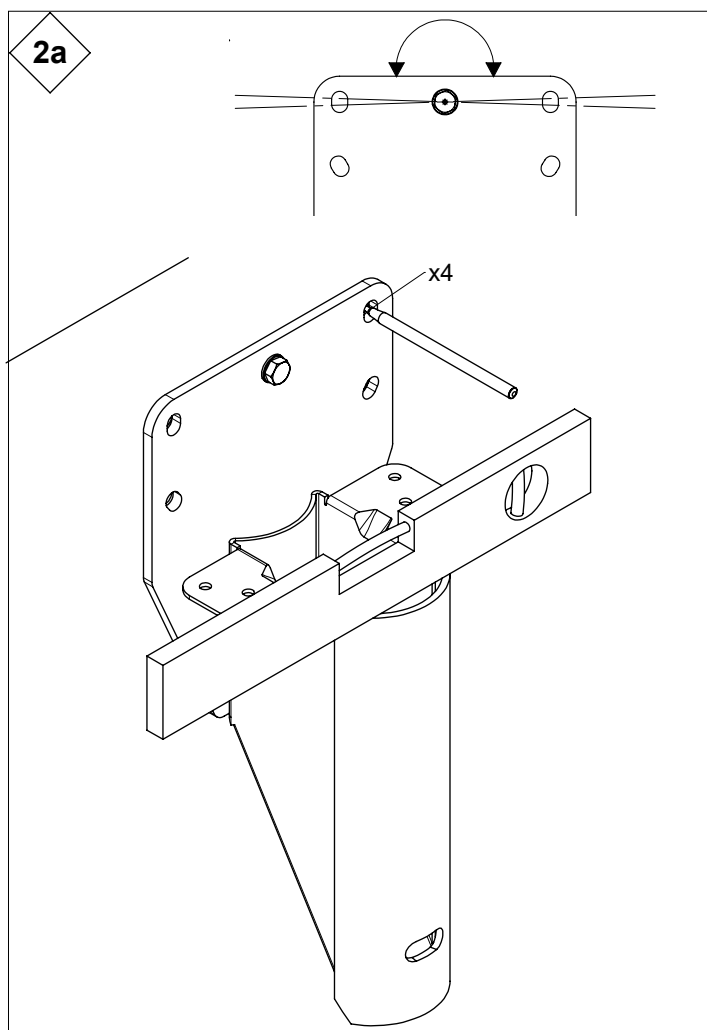
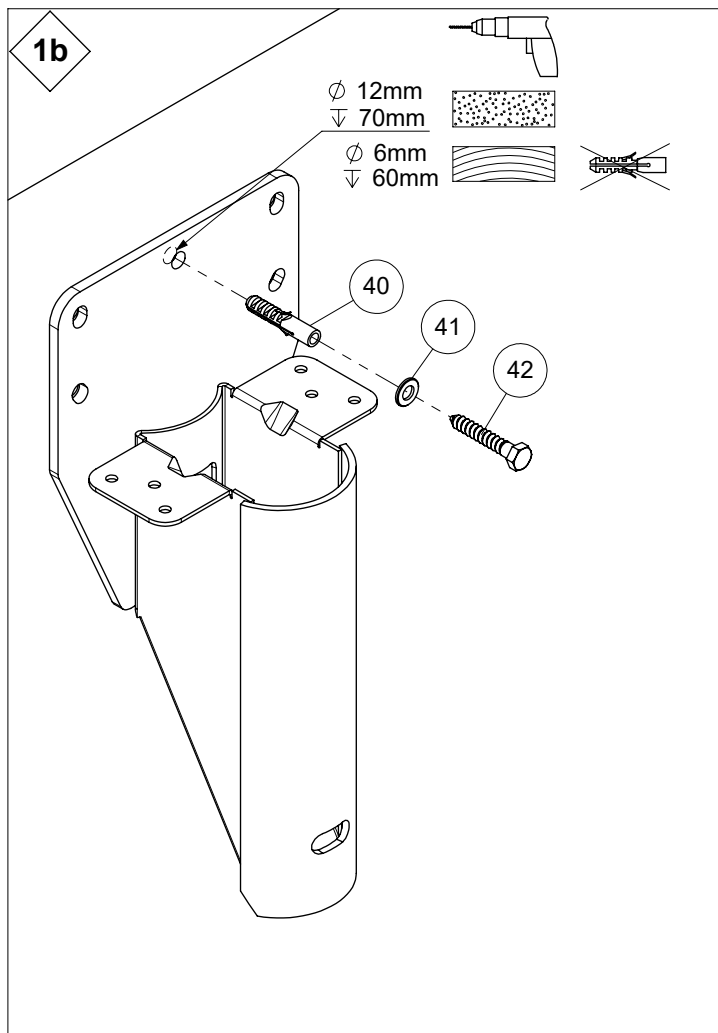
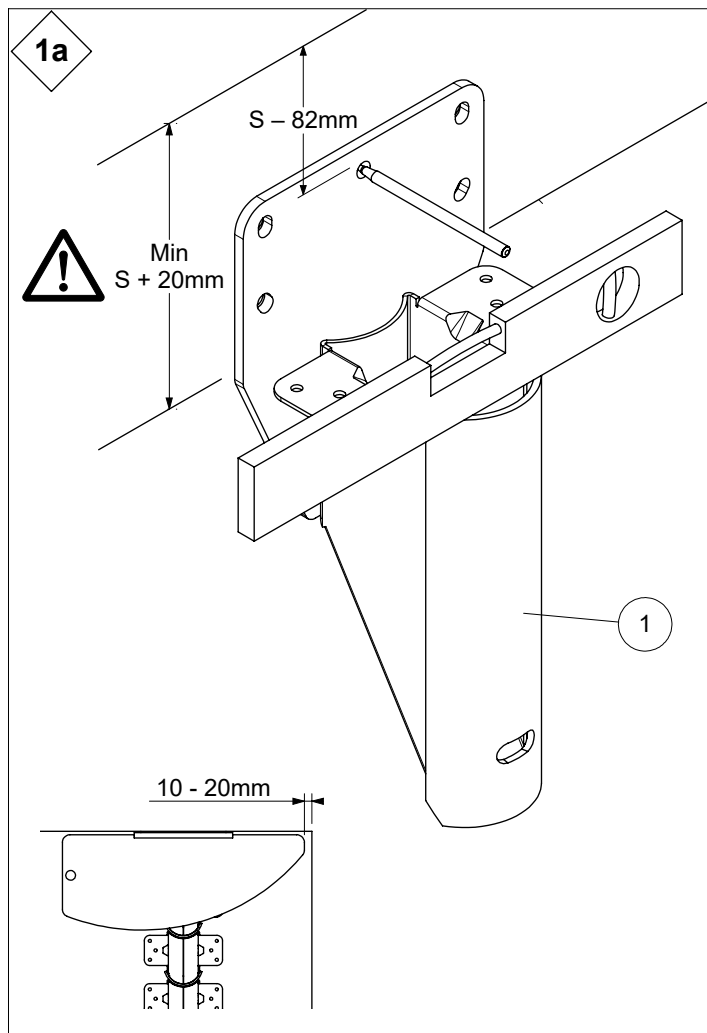
H: 2400 mm, T: 11 st(pcs)

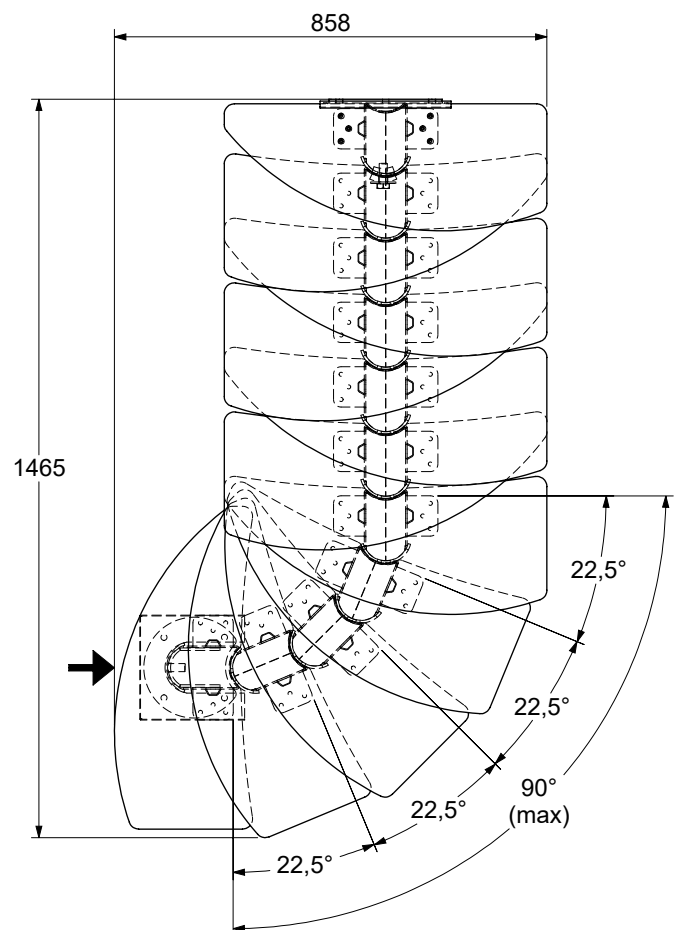
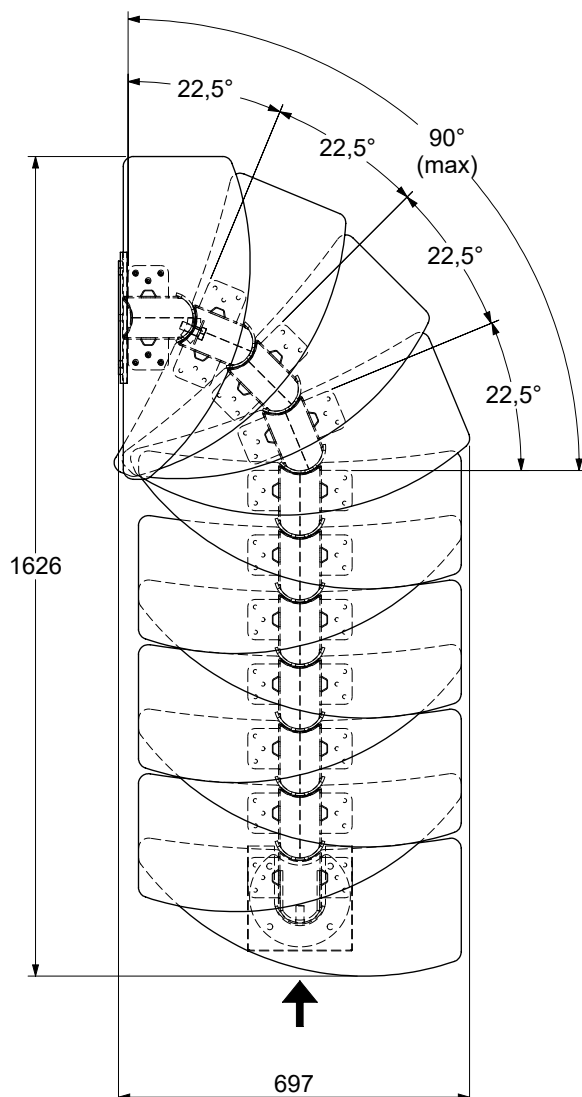
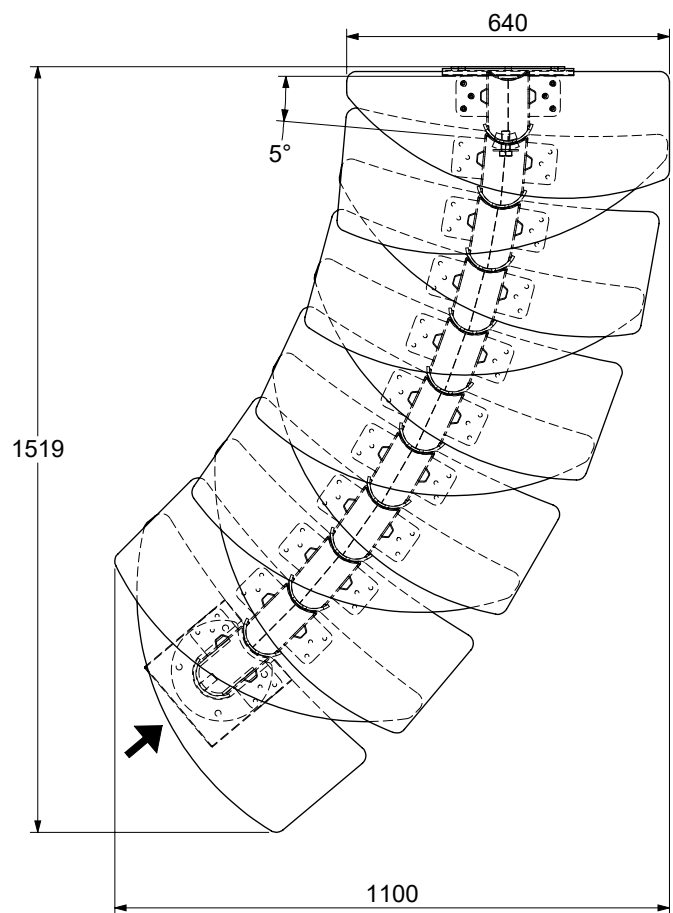
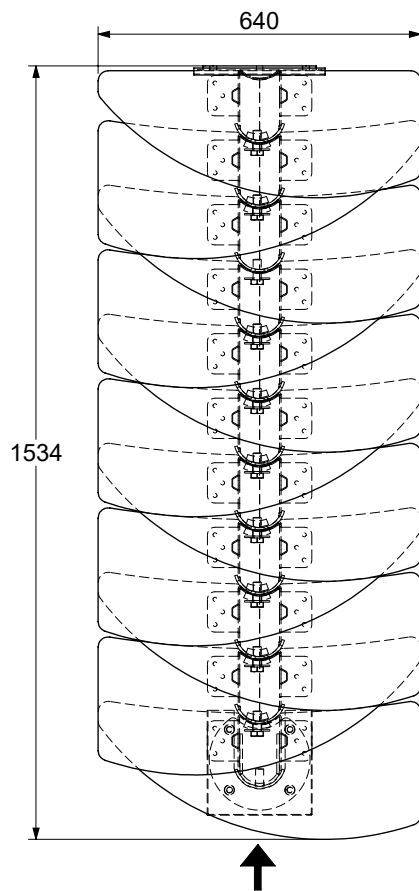
$$S = \frac{2400 \text{ mm}}{11 + 1} = 200 \text{ mm}$$



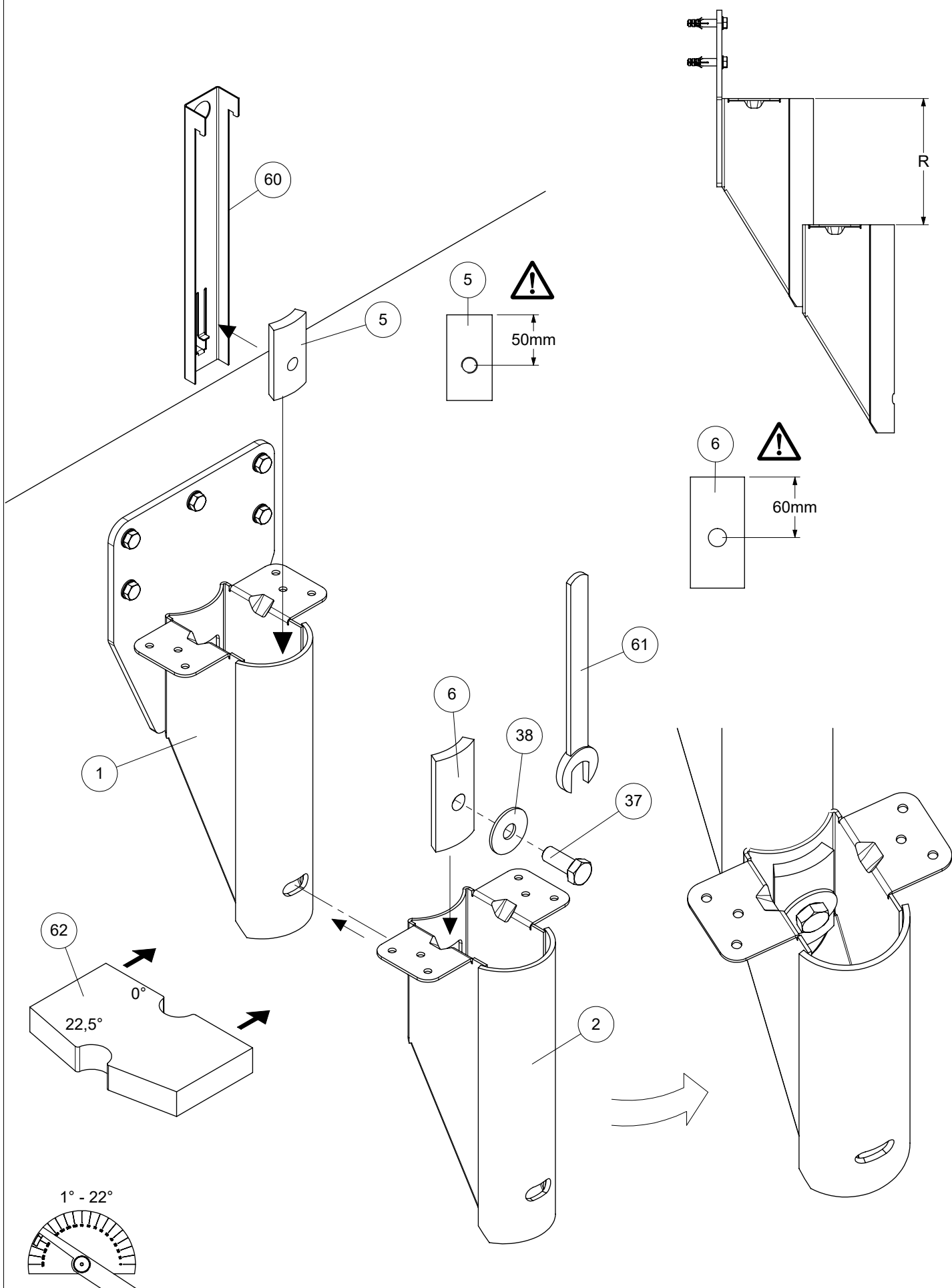
T	min H	max H
9	1850 mm	2250 mm
10	2035 mm	2475 mm
11	2220 mm	2700 mm
12	2405 mm	2925 mm
13	2590 mm	3150 mm

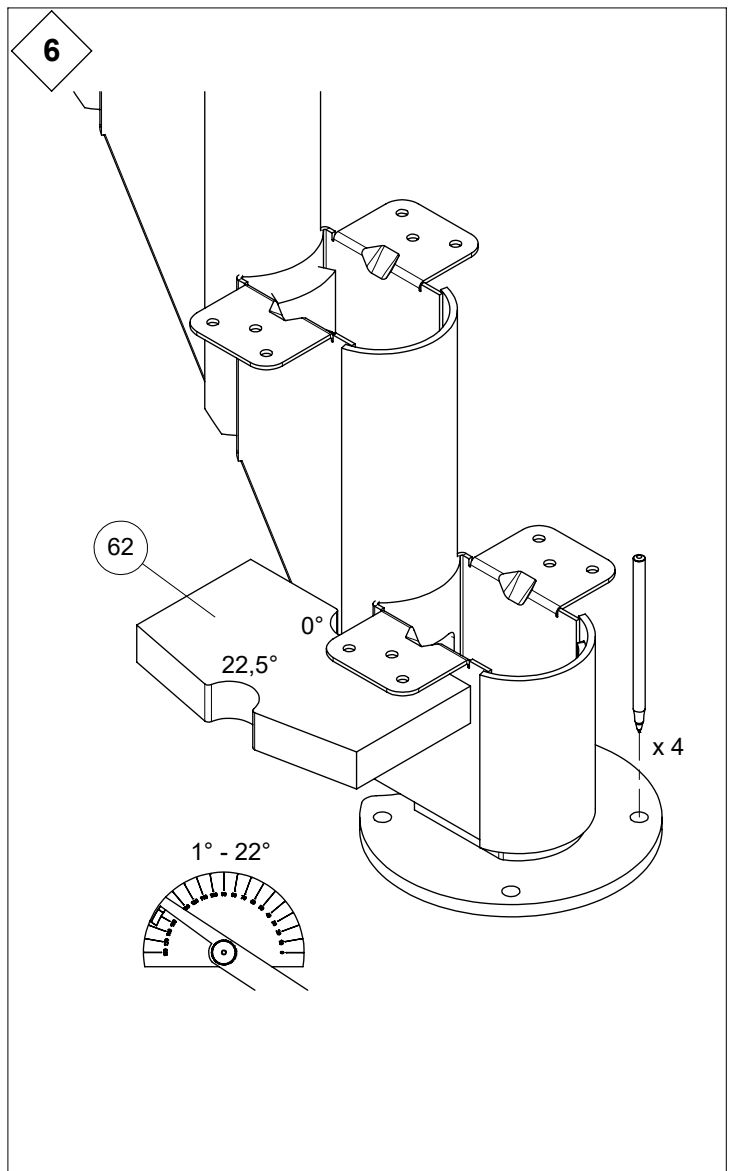
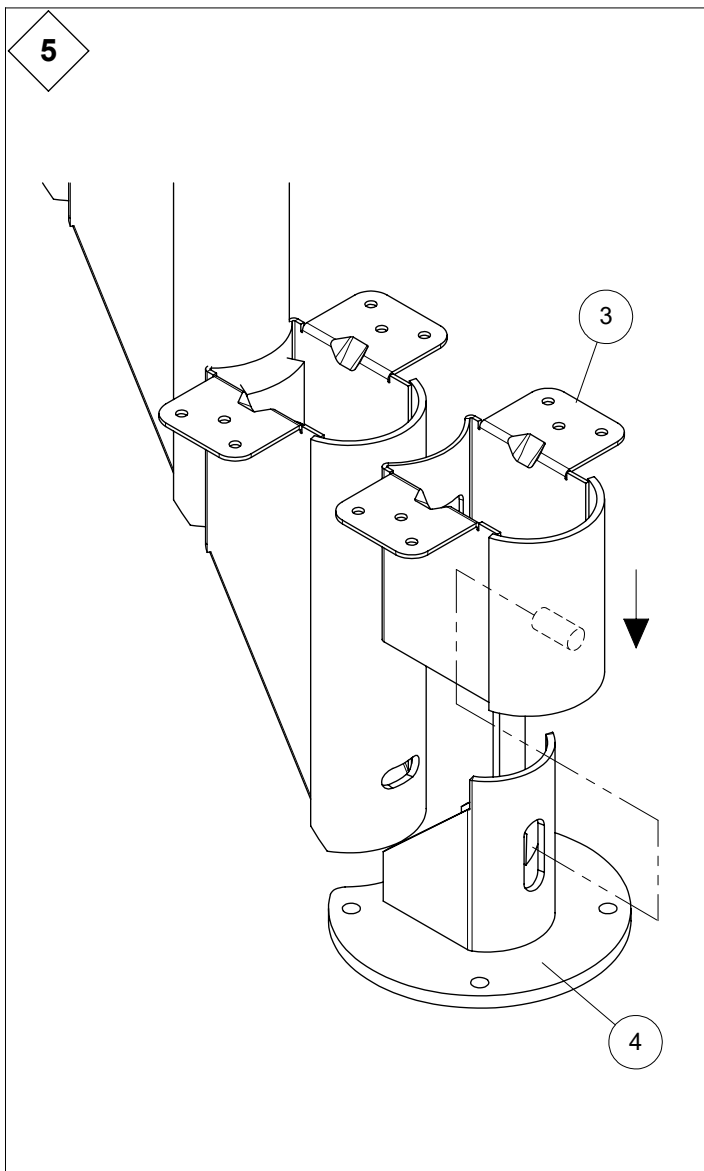
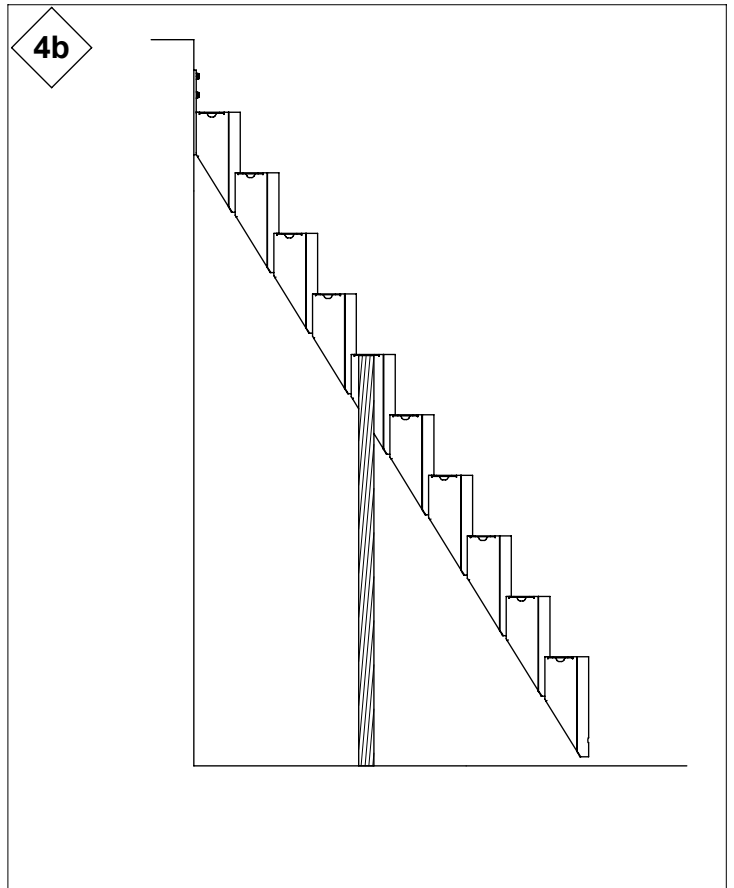
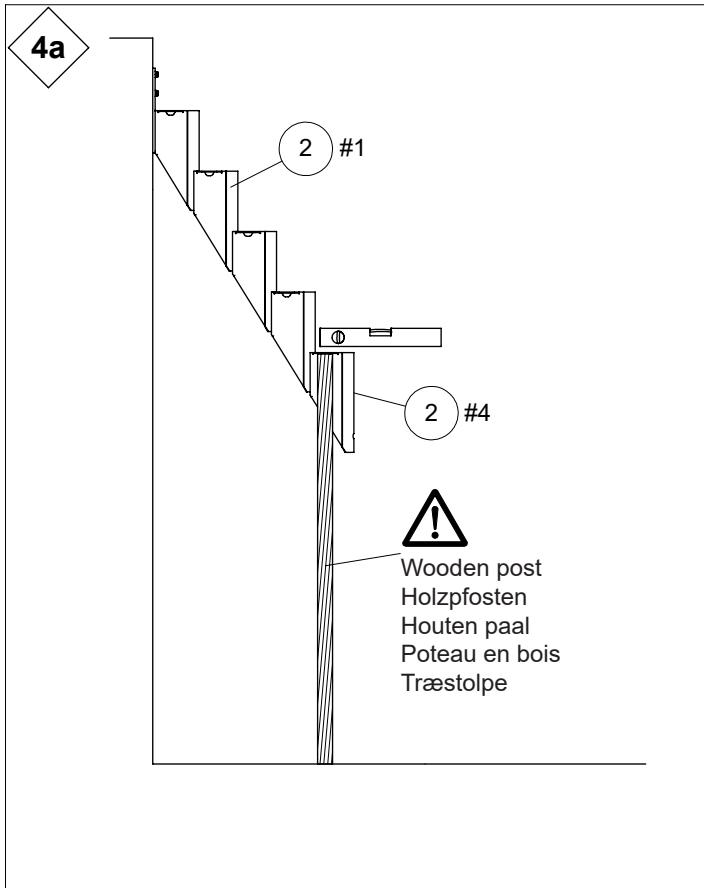


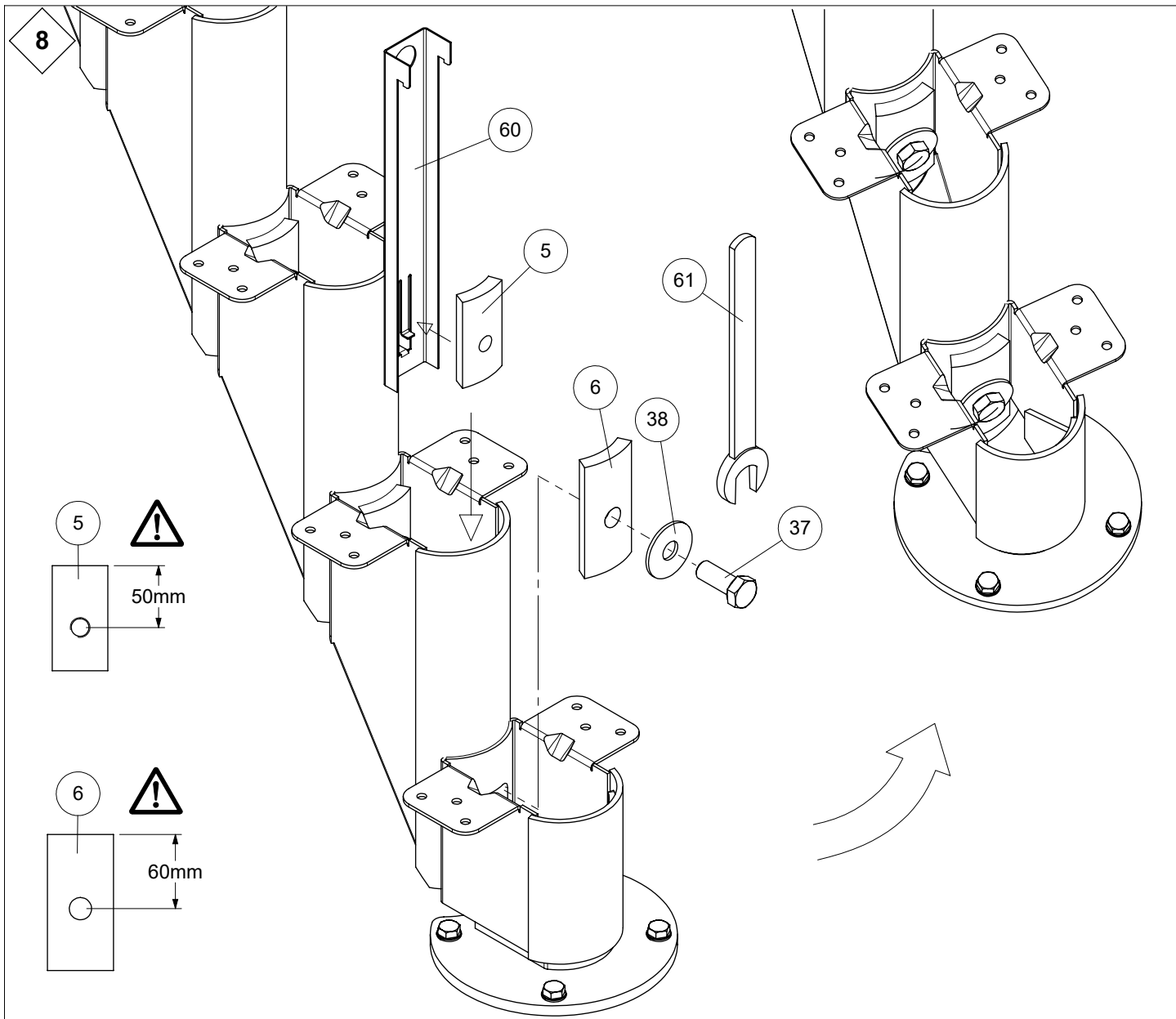
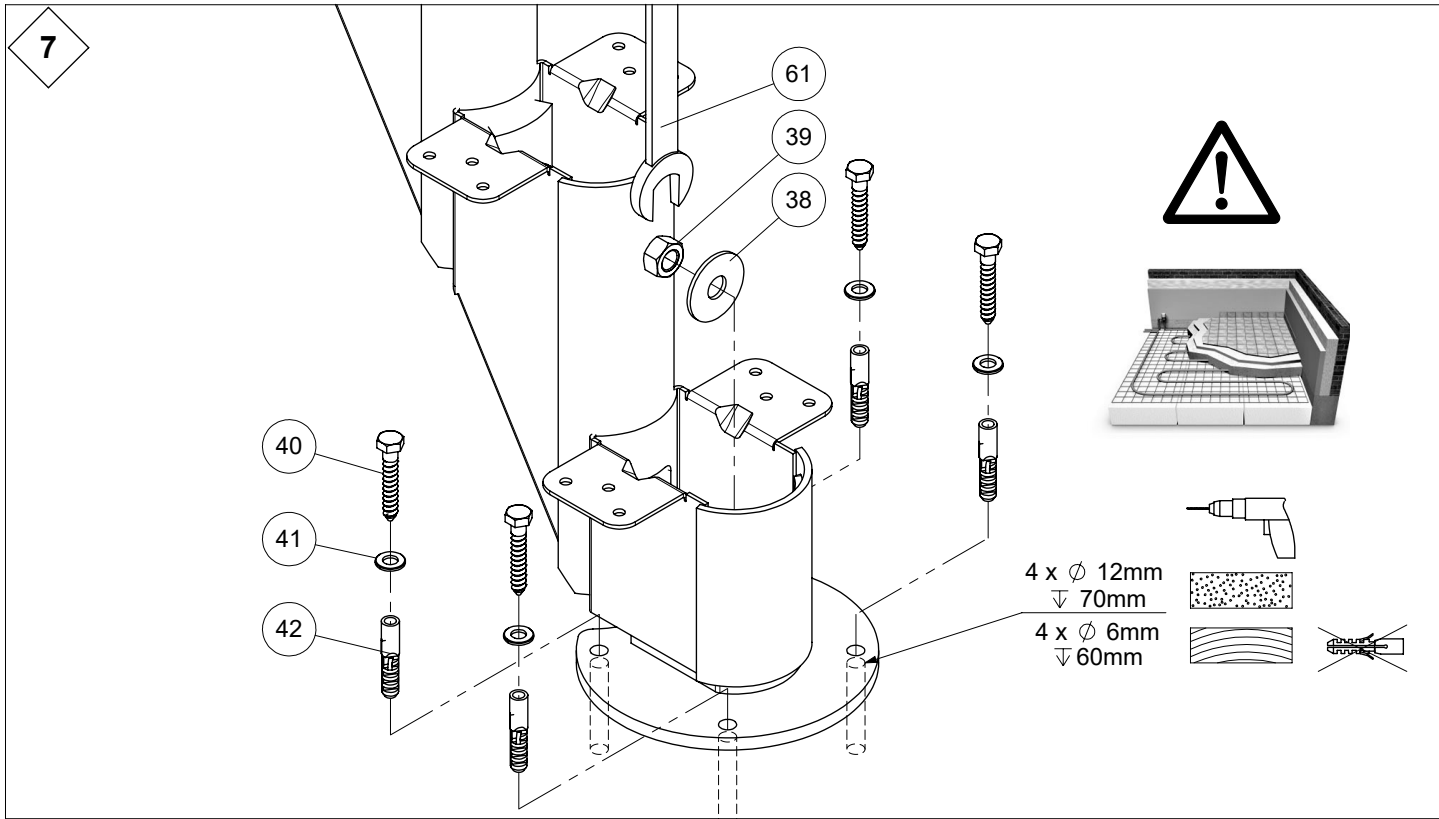


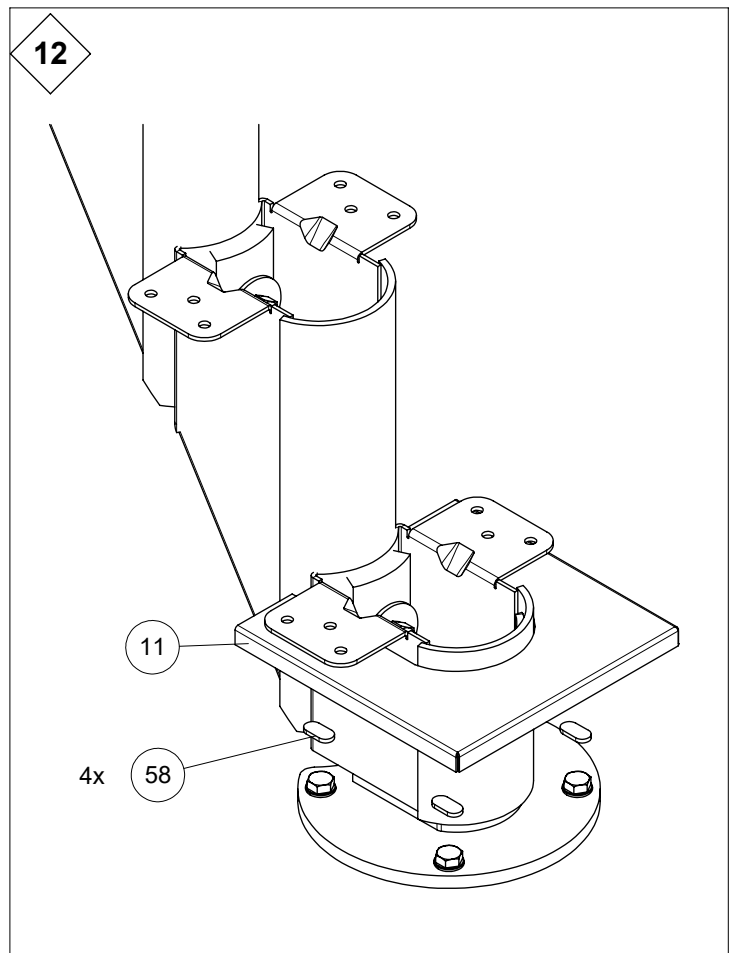
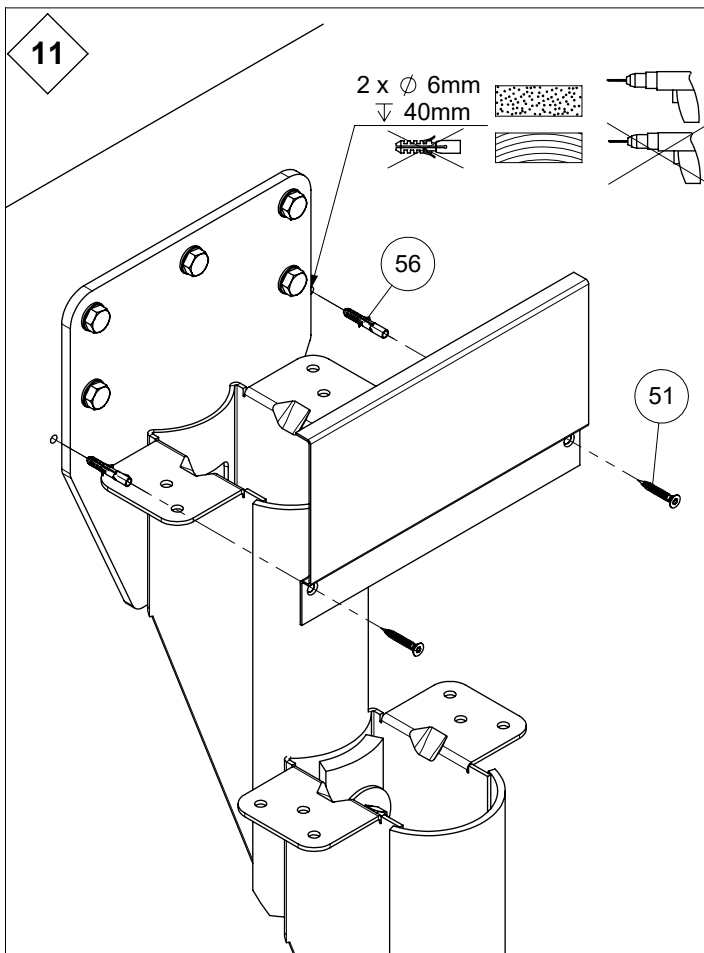
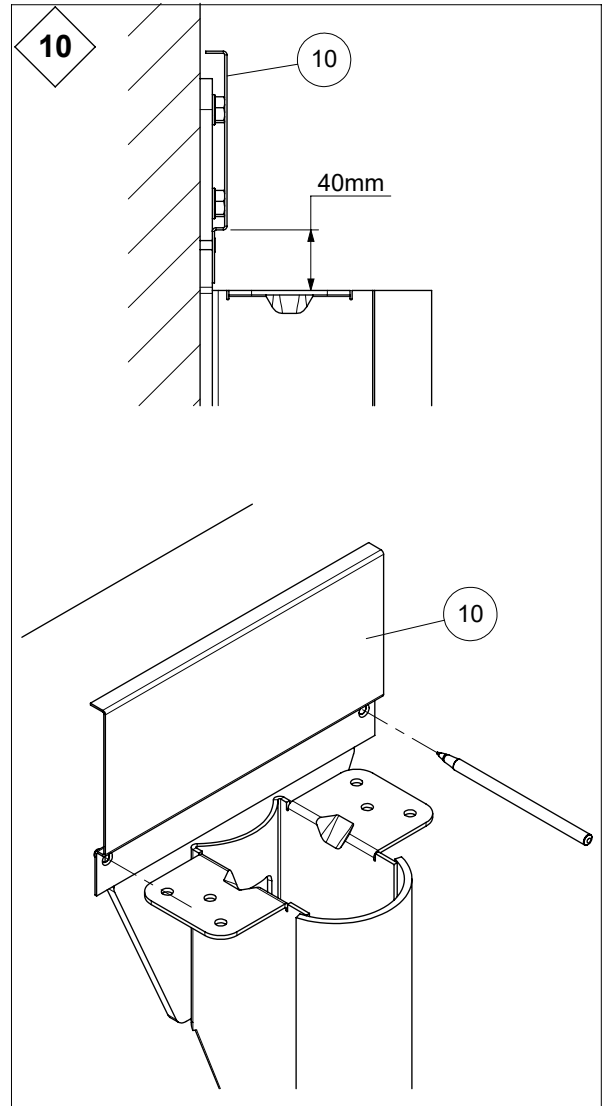
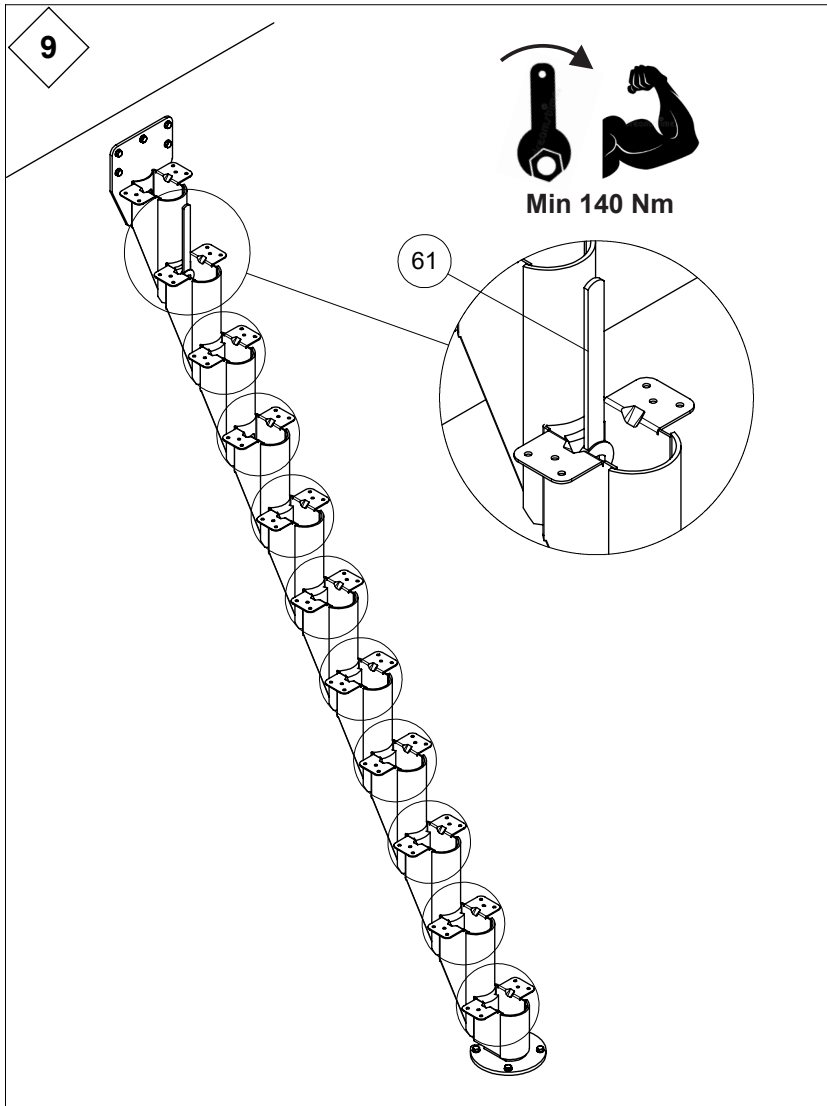


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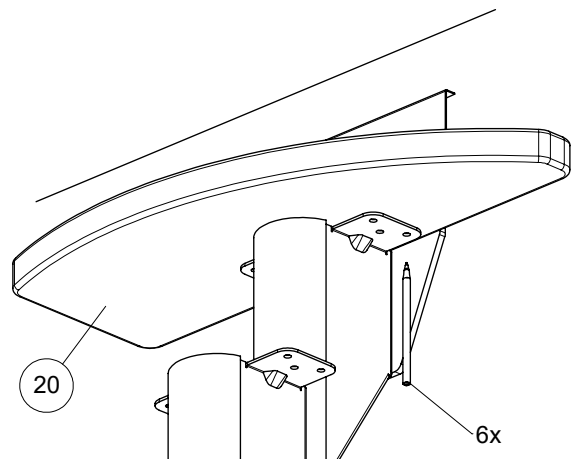
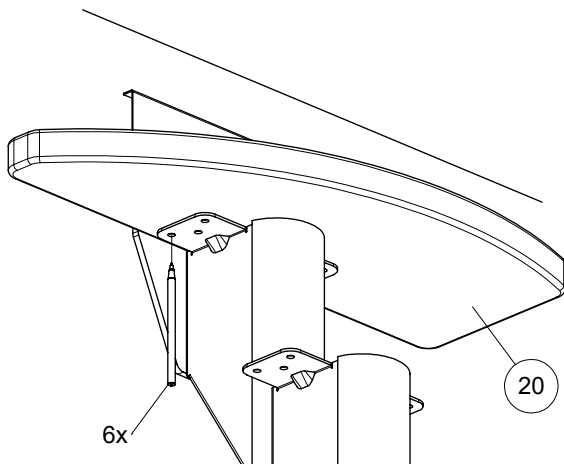
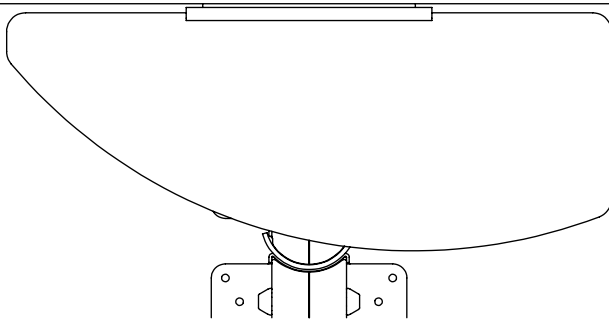
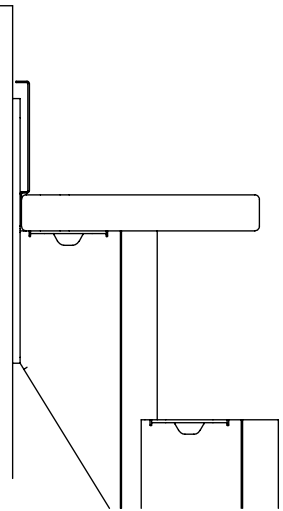
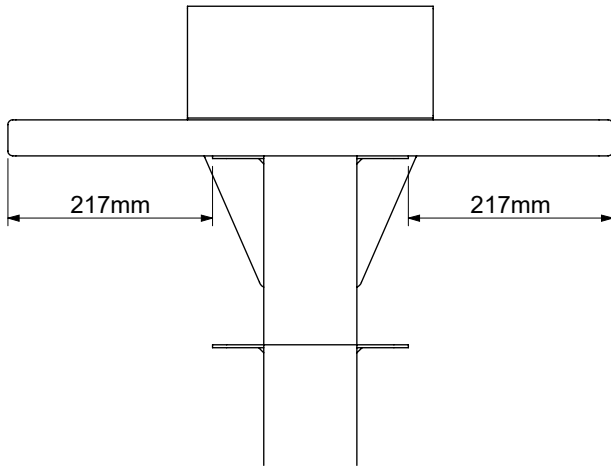
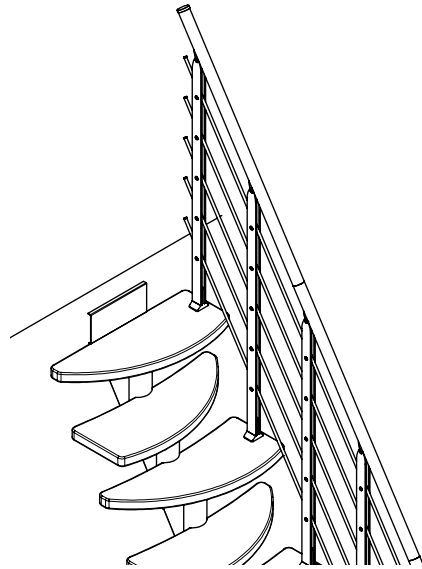
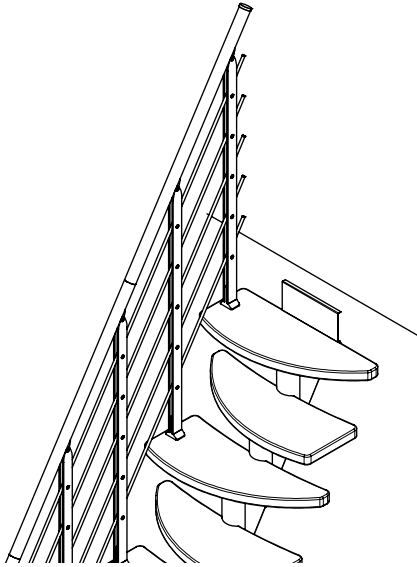


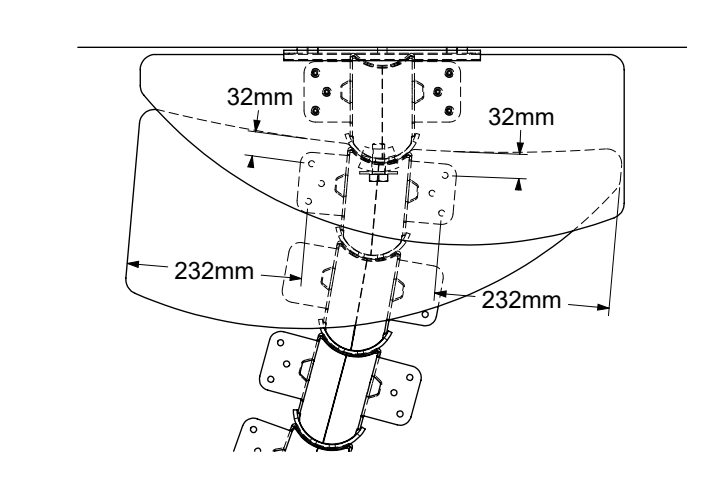
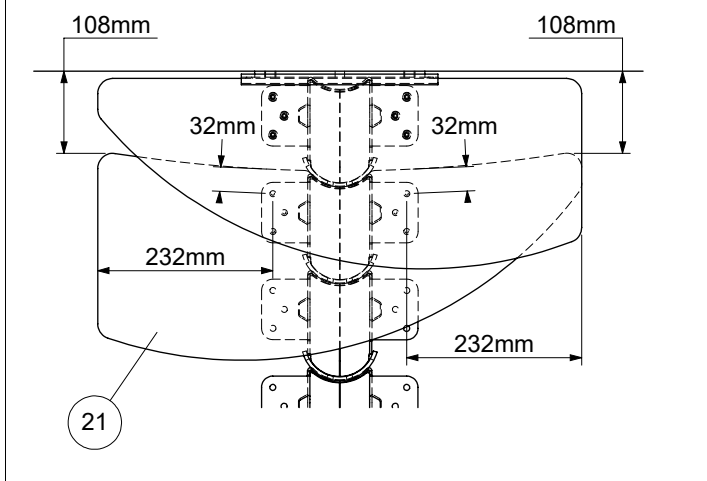
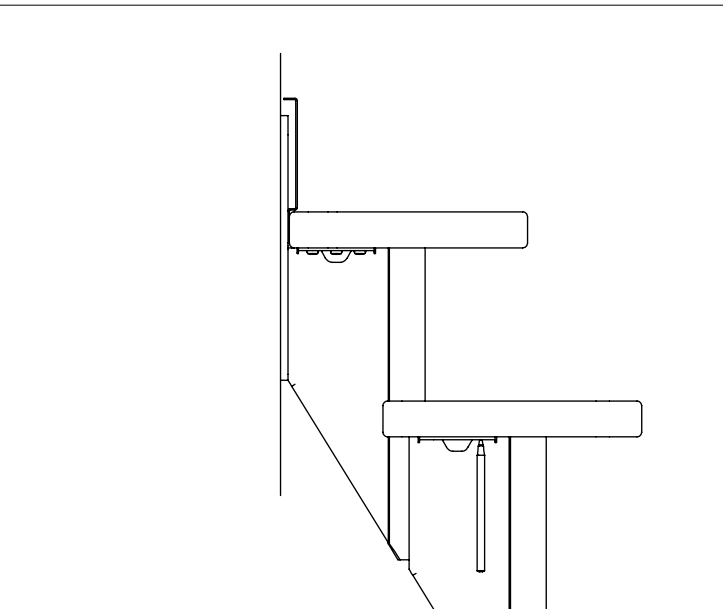
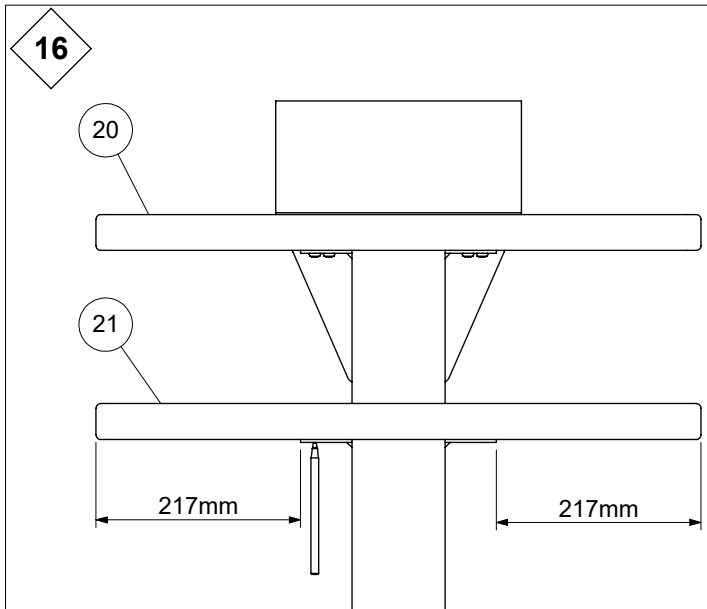
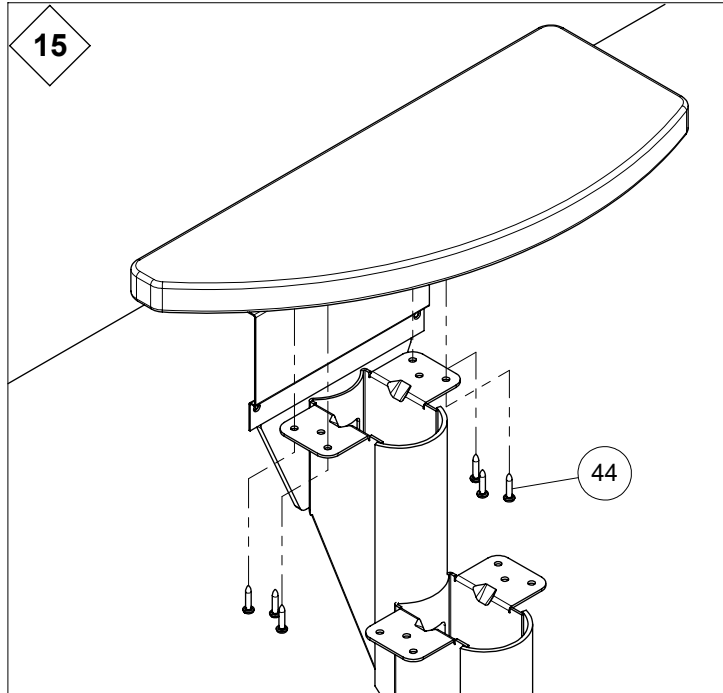
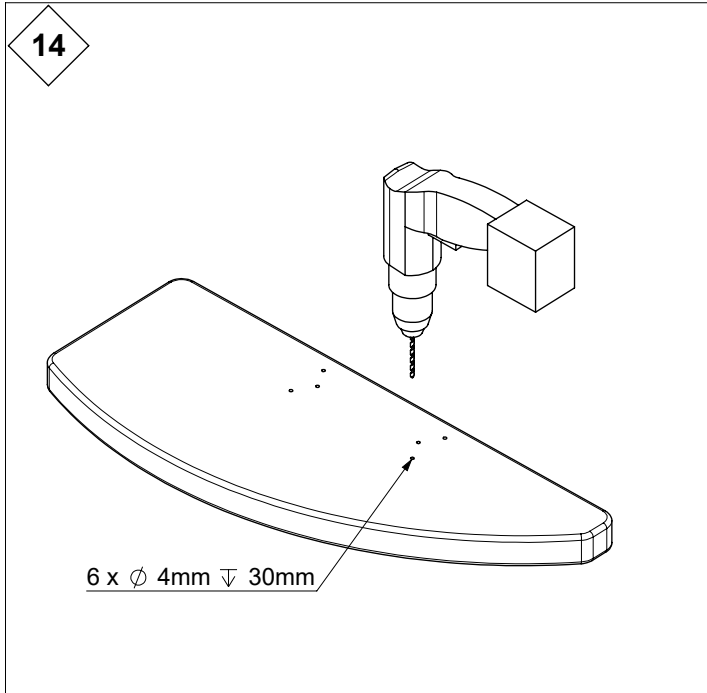
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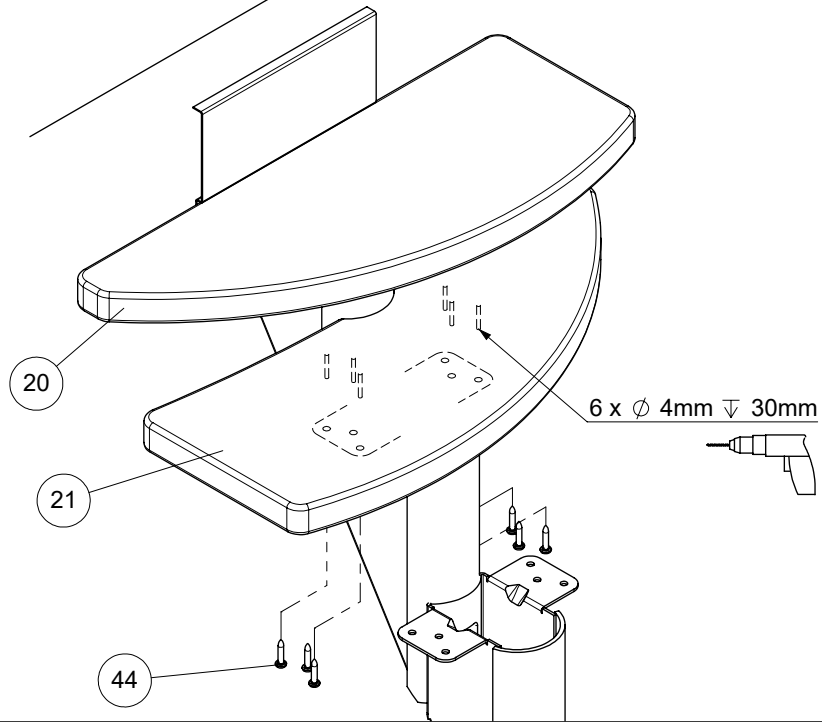
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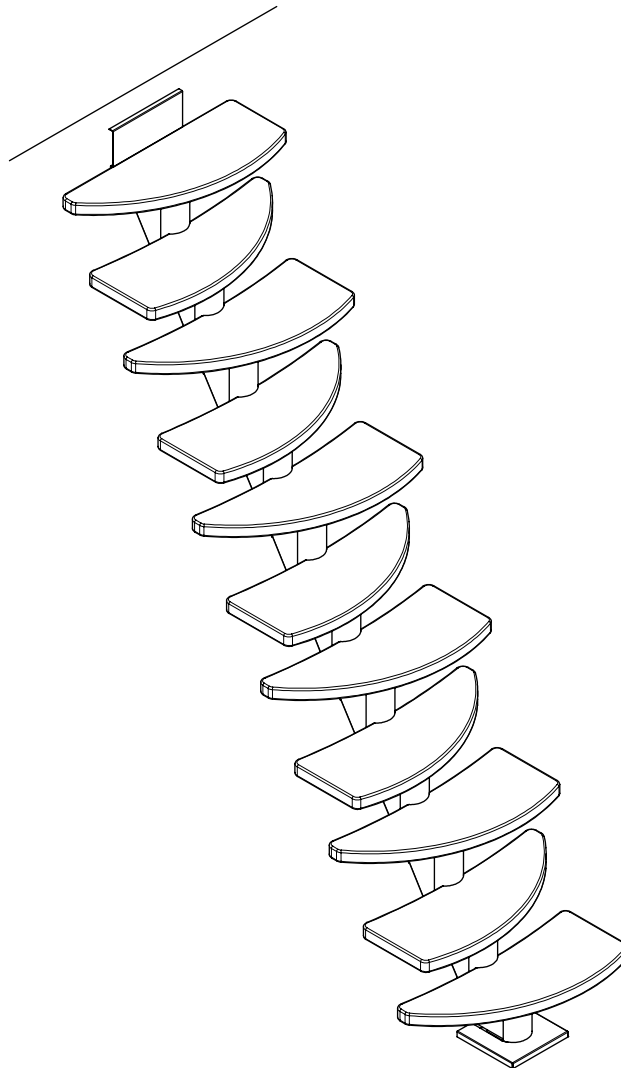


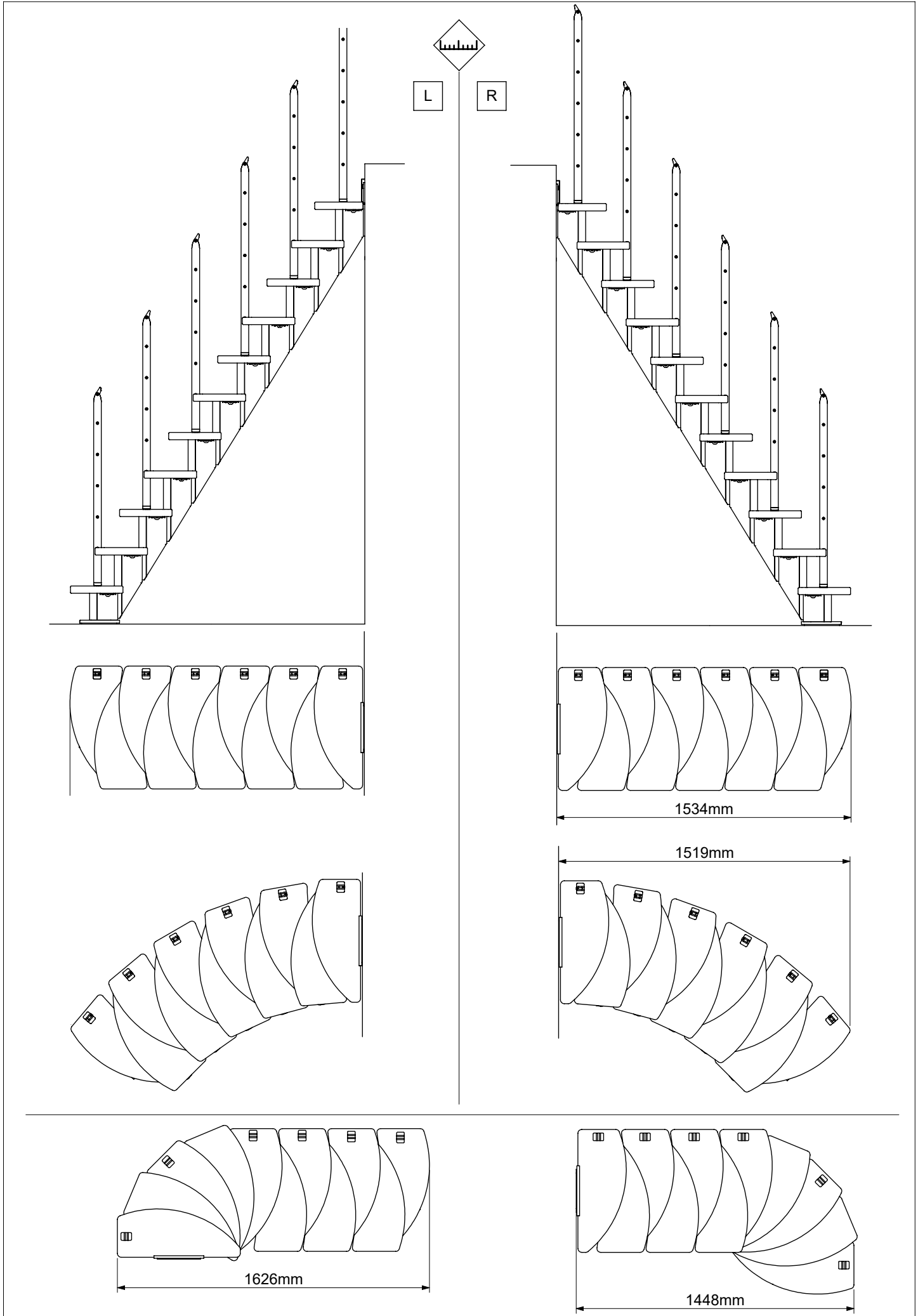


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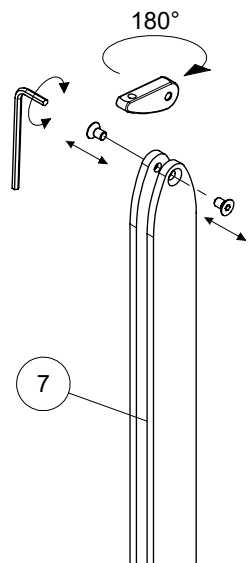


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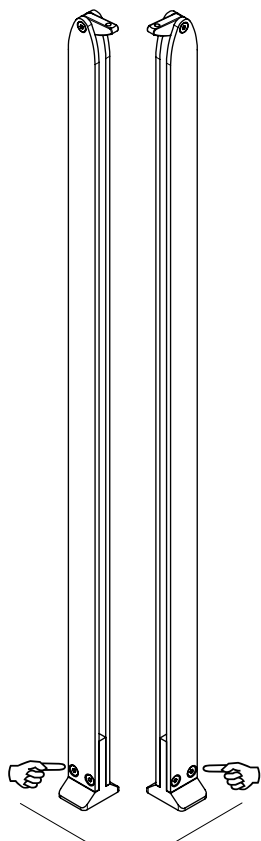


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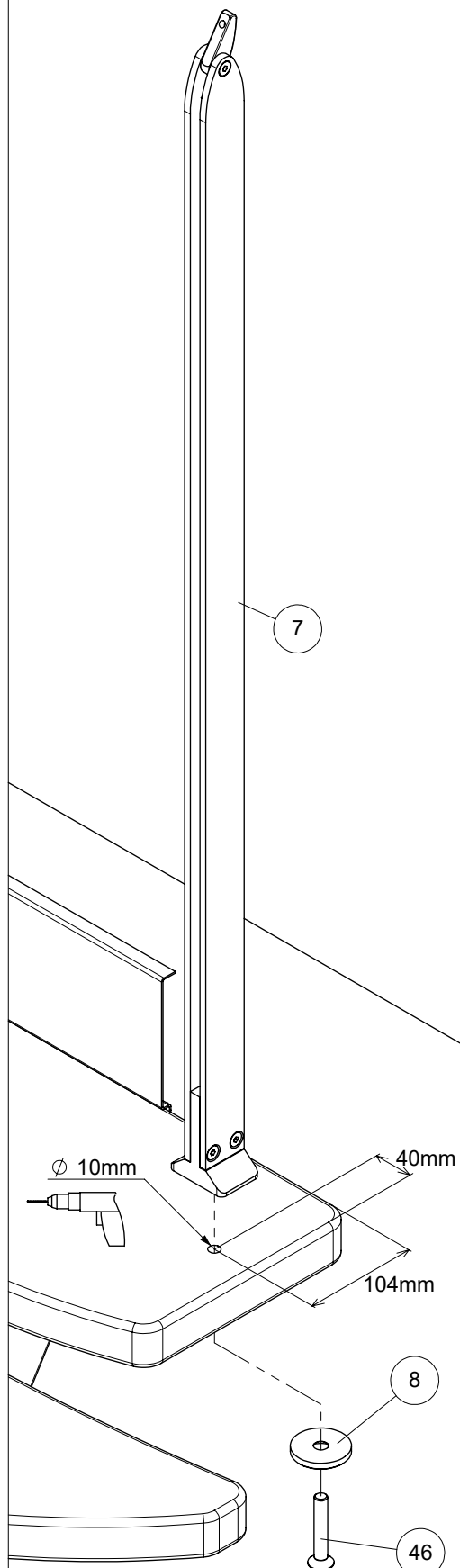


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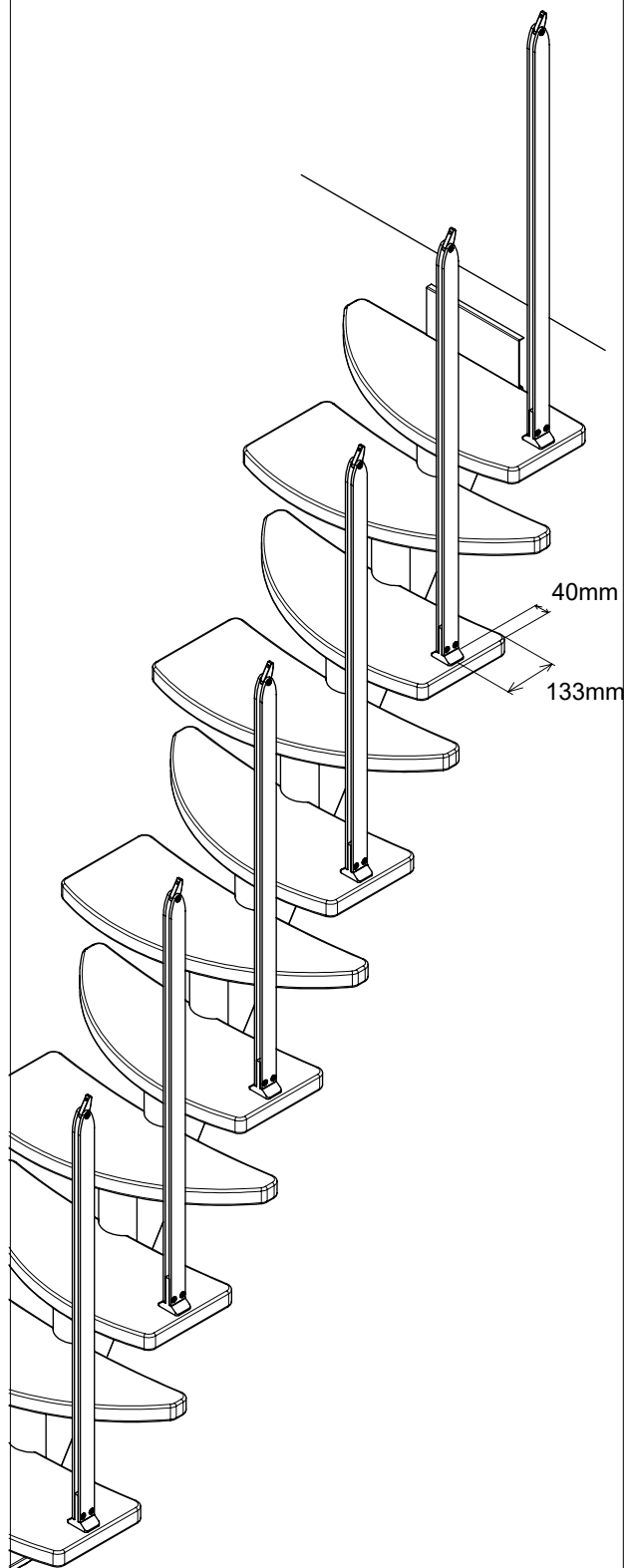
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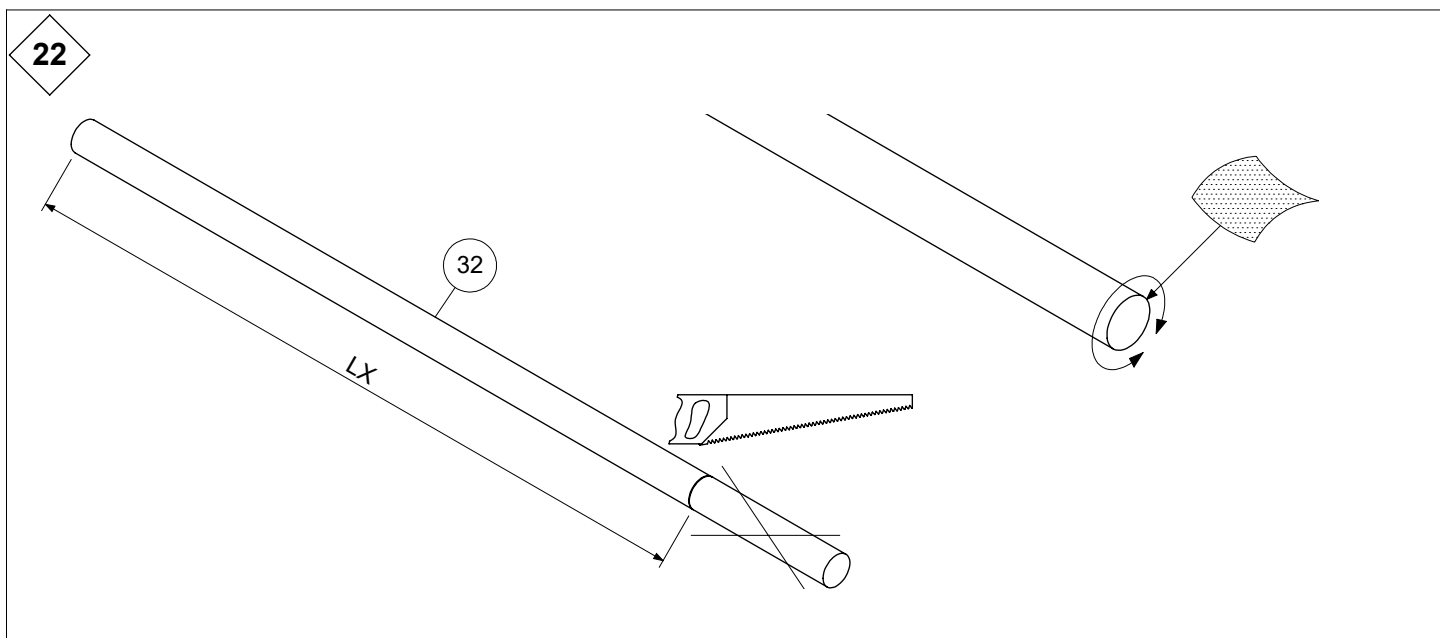
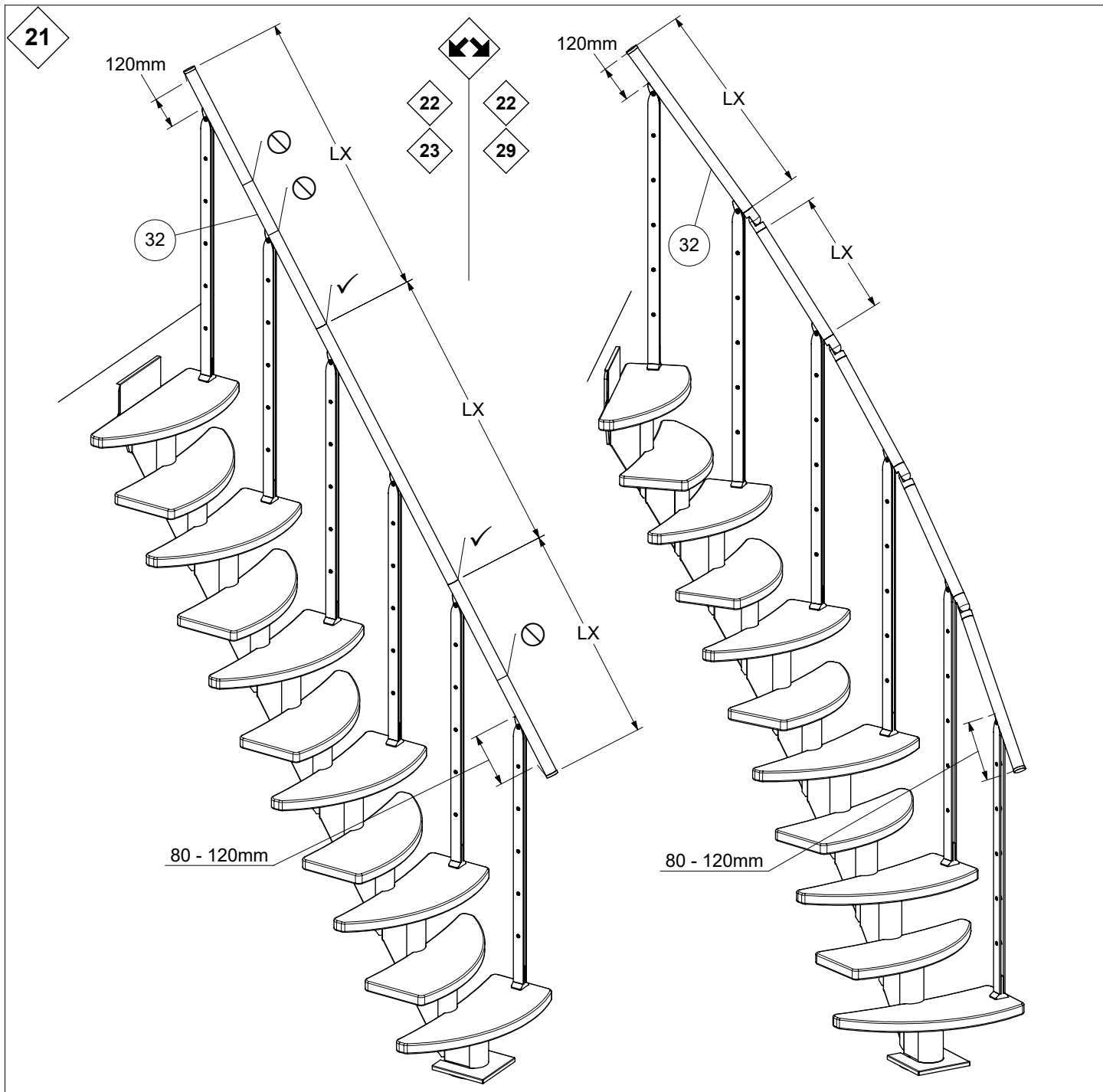


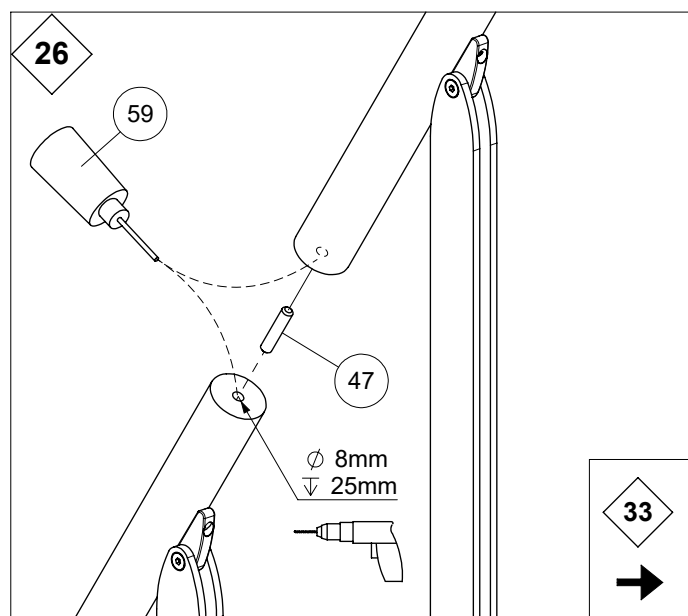
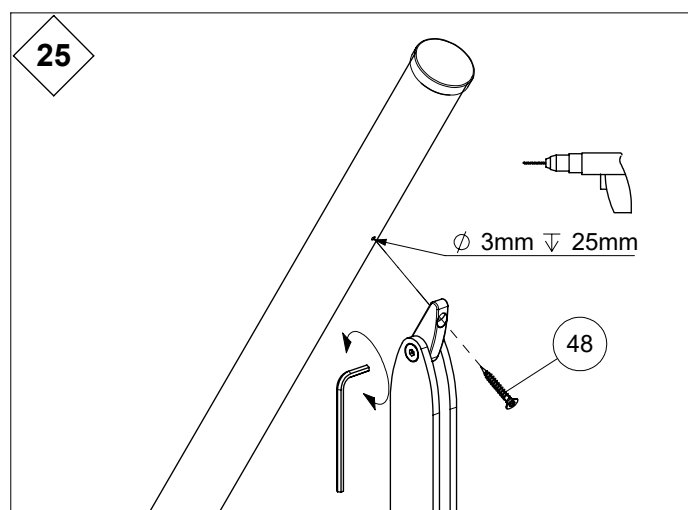
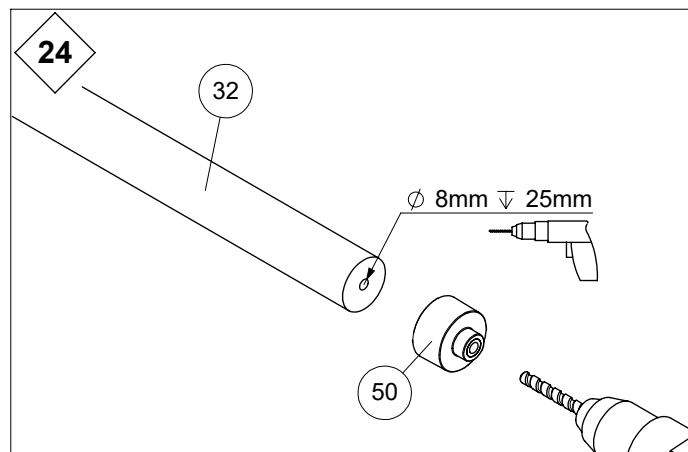
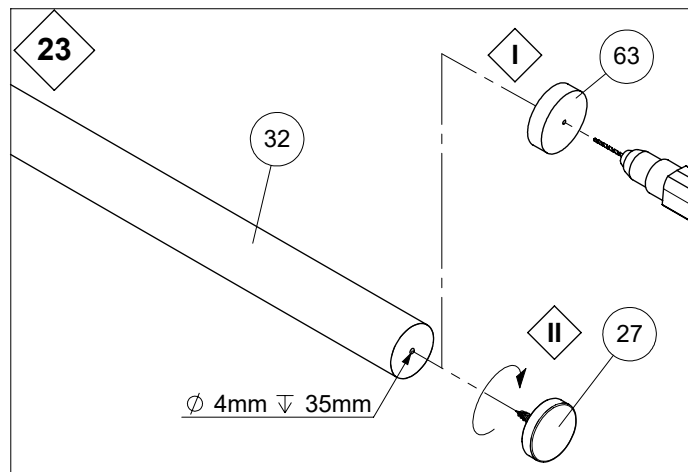
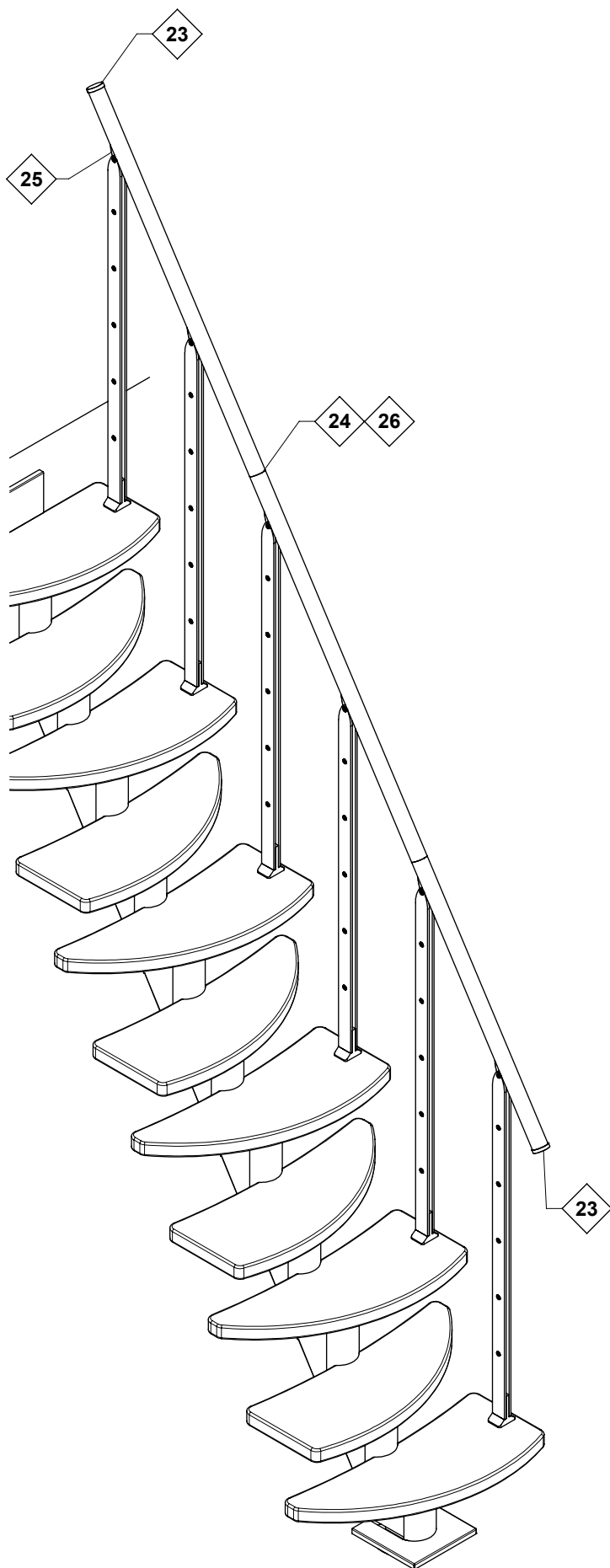
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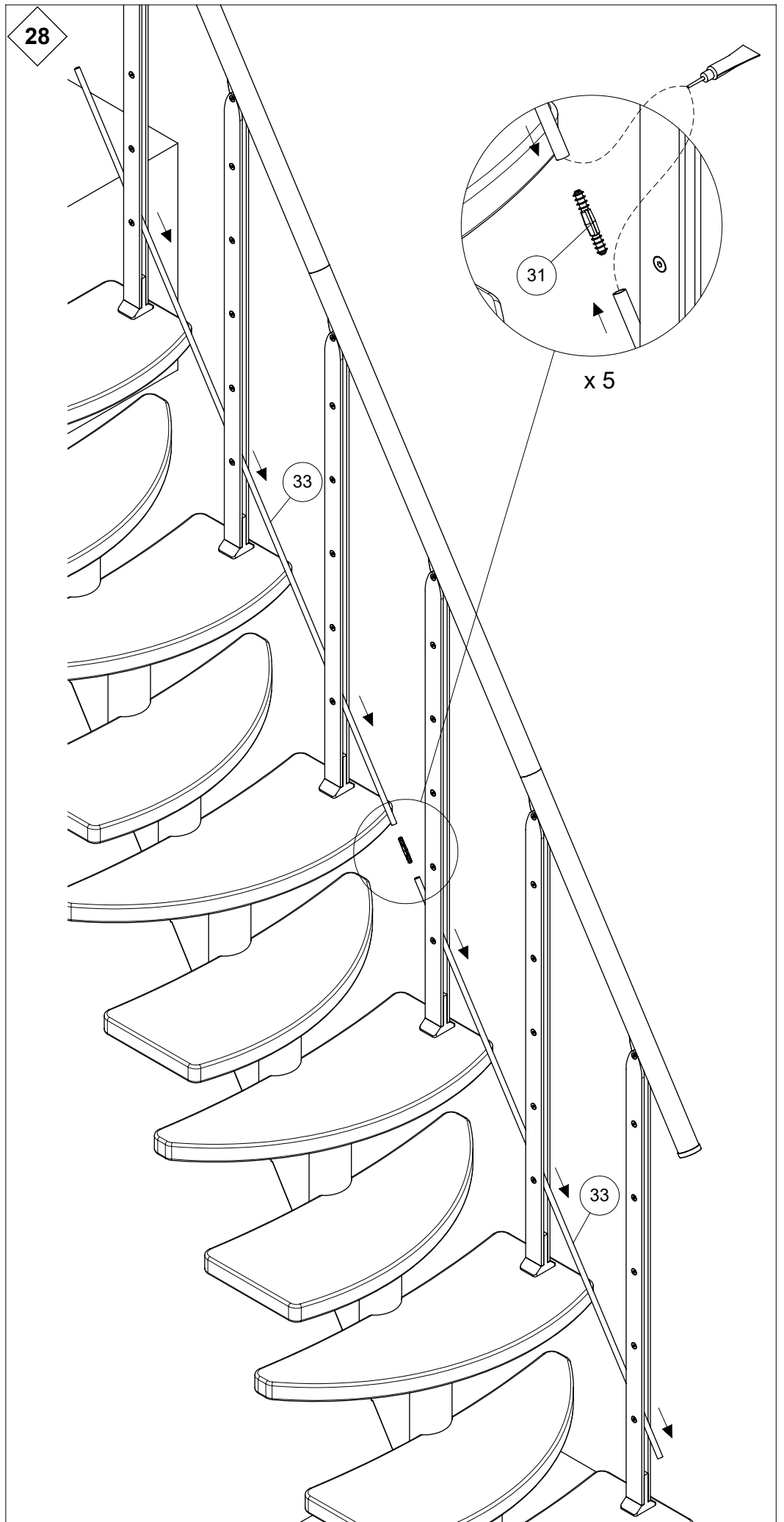
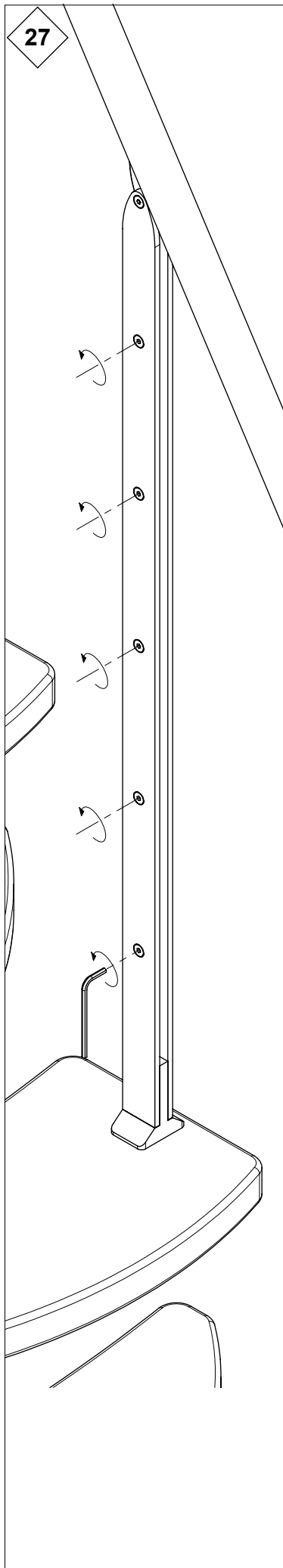


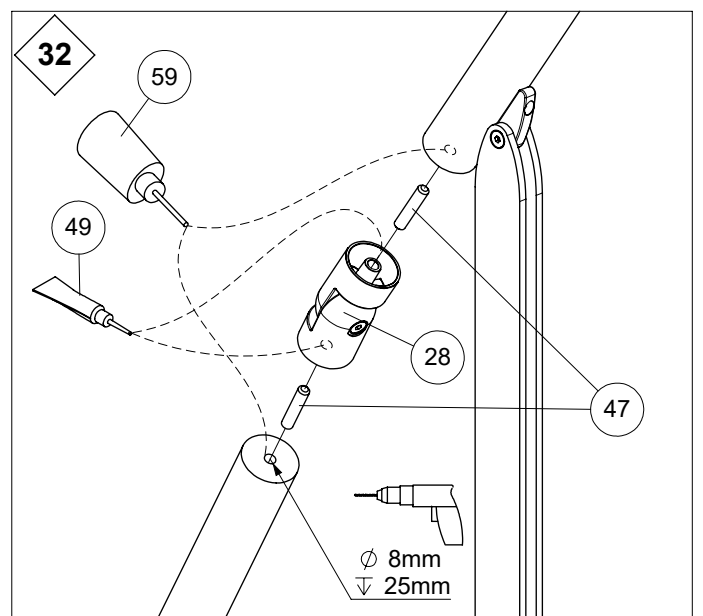
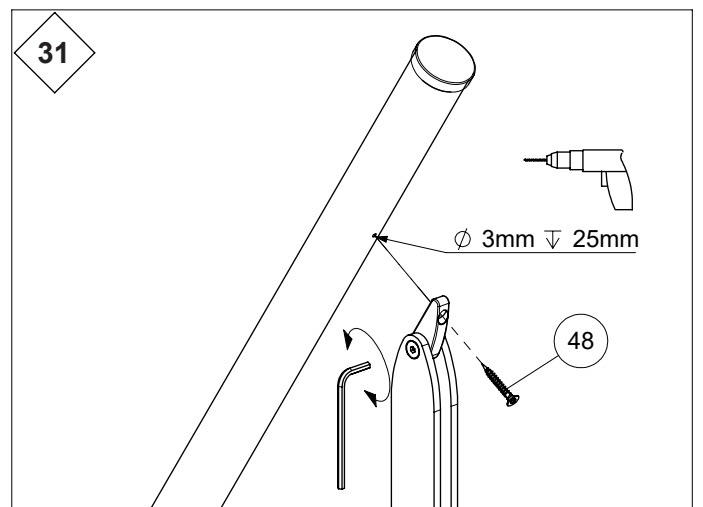
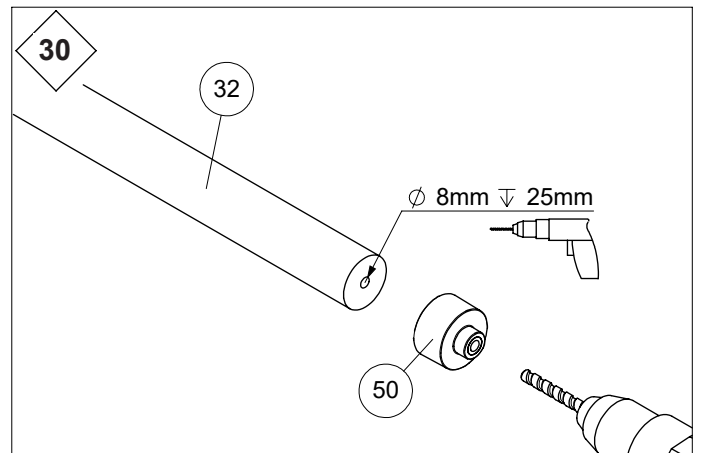
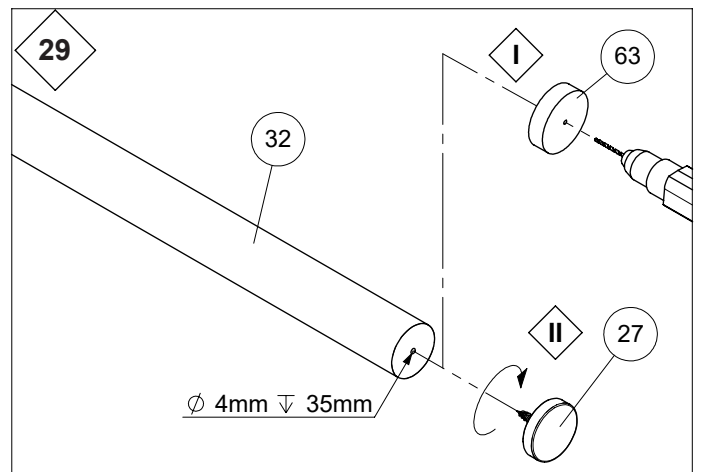
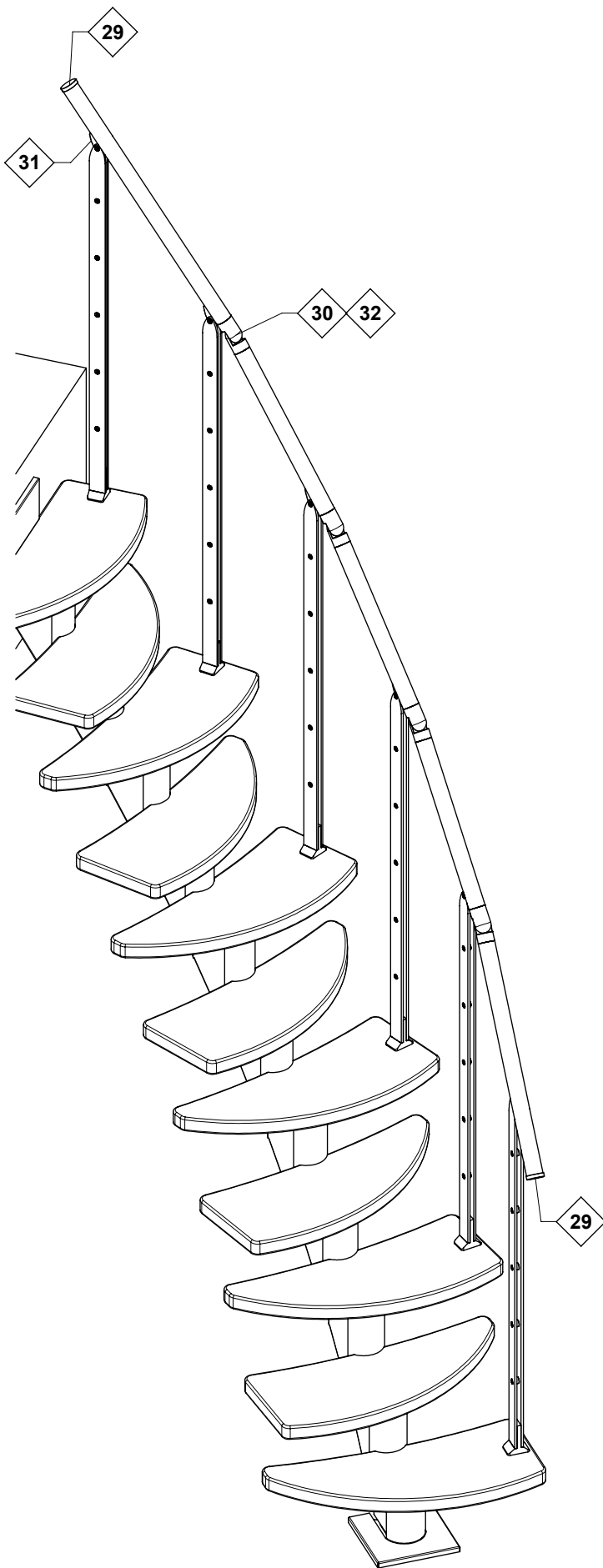
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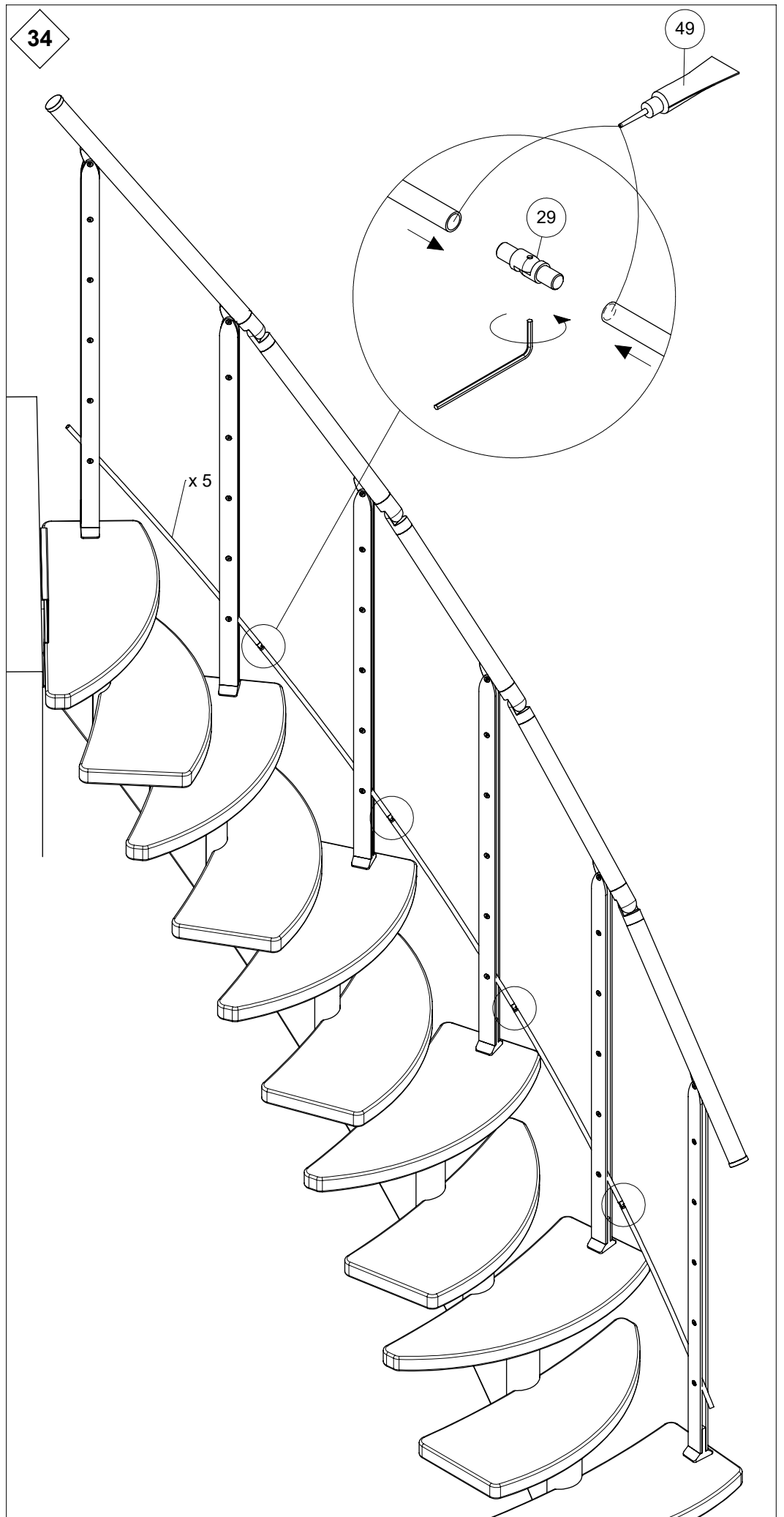
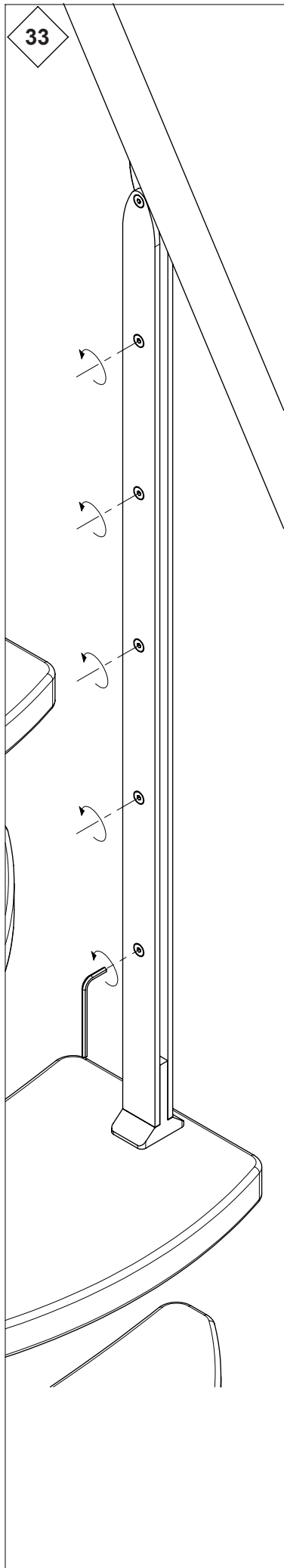












35

36

50 - 80mm

The drawing shows a side view of a vertical post (baluster) and a detail of a handrail connection. The vertical post is shown with a diameter of 50 - 80mm. The handrail is shown with a cross-section of 40x60mm. The drawing includes a detail of the handrail connection to the vertical post, showing a bracket and a screw. The drawing is labeled with the number 36 in a diamond shape.

37

49

30

100mm