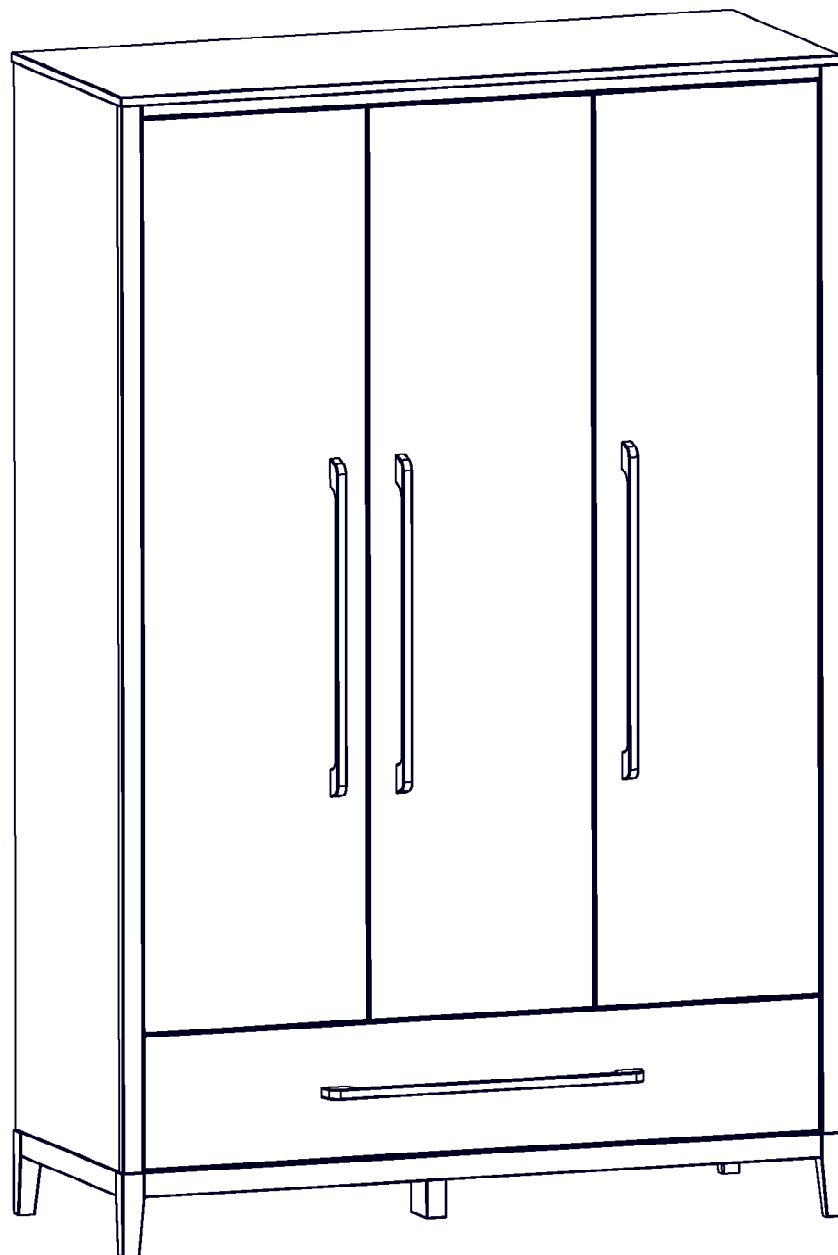
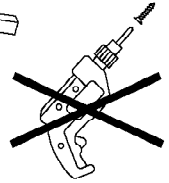
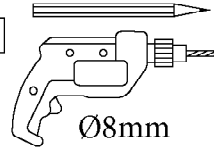
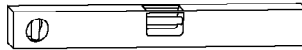
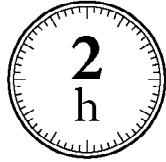
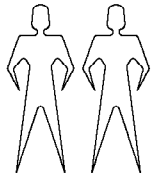
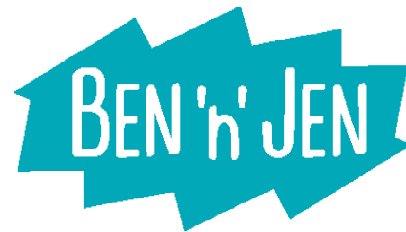
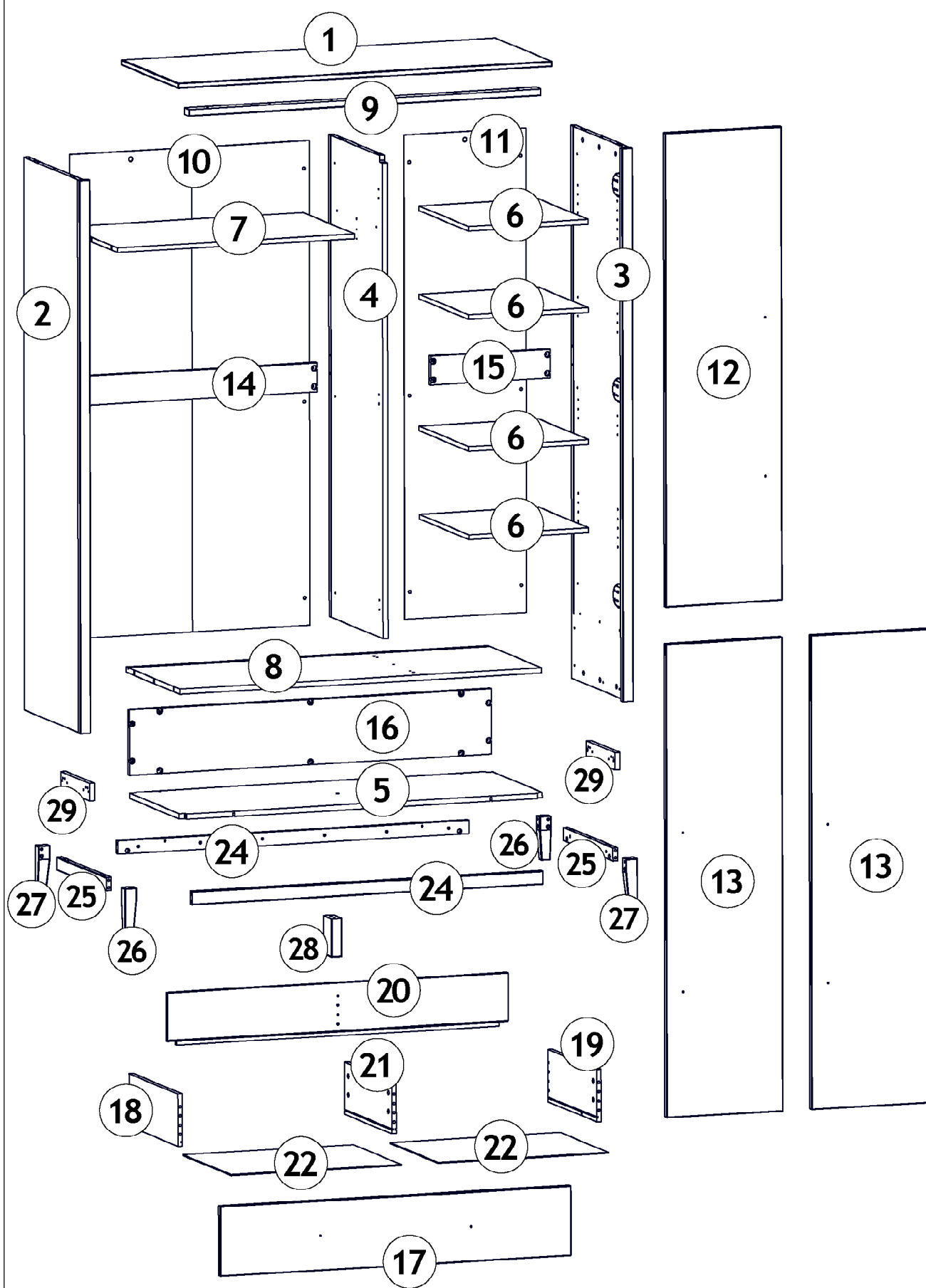








H1
(x49)



H15
(x4)



D197
(x8)



A25
(x8)



A27
(x1)



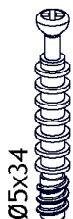
D19
(x30)



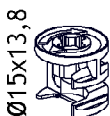
D196
(x8)



D198
(x8)



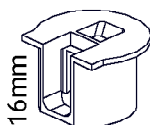
D2
(x30)



D3
(x18)



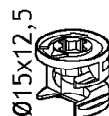
D21
(x2)



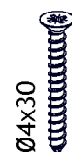
D45
(x34)



D4
(x20)



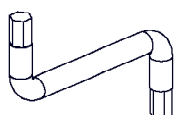
D5
(x12)



A59
(x10)



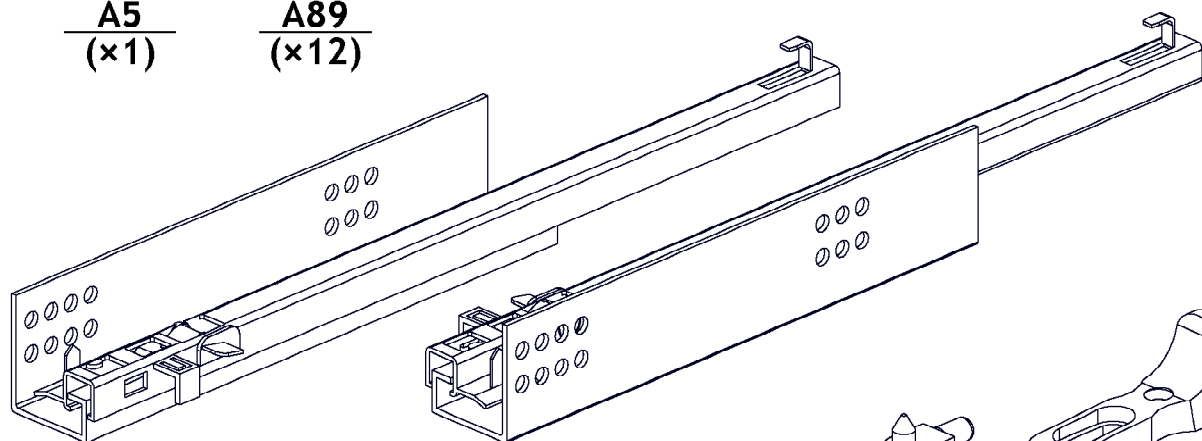
A1
(x38)



A5
(x1)



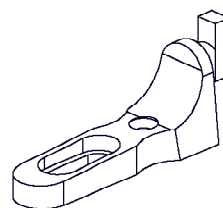
A89
(x12)



E87
(x1)
485mm

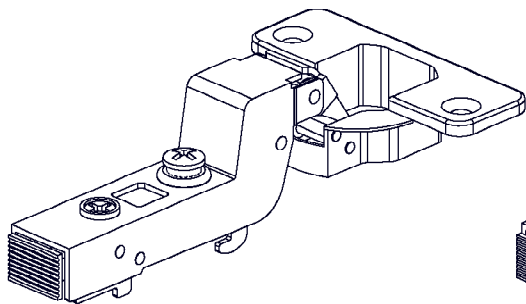


D63
(x16)

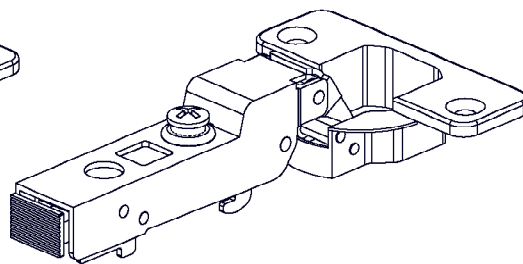


D138
(x12)

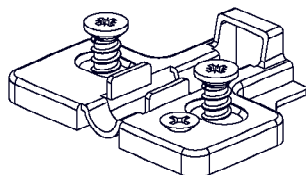




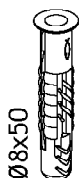
G88
(x6)



G87
(x3)



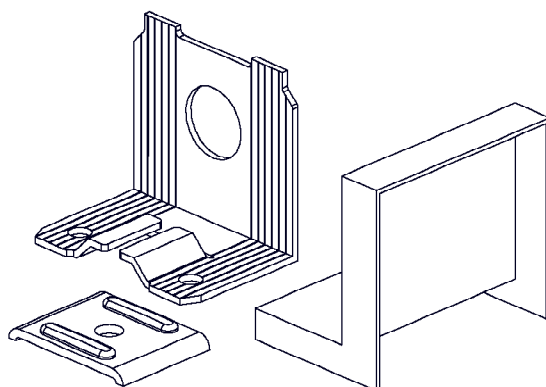
G75
(x9)



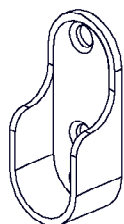
H20
(x2)



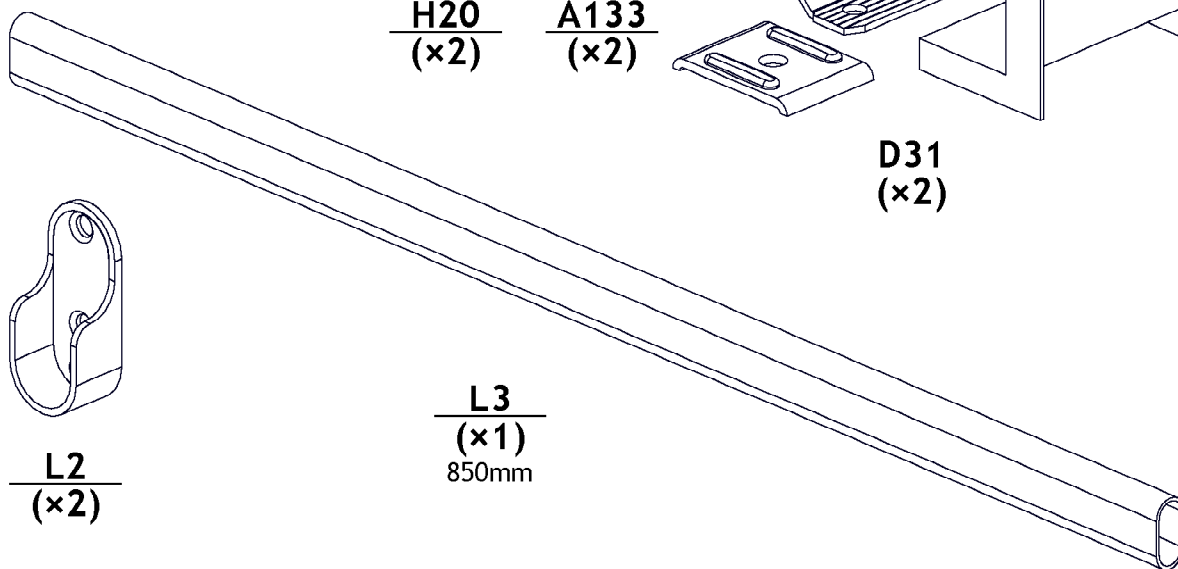
A133
(x2)



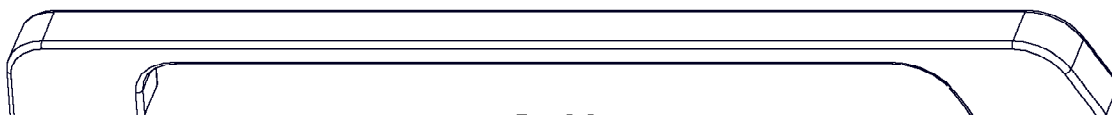
D31
(x2)



L2
(x2)



L3
(x1)
850mm



B103
(x4)

L=600mm
(544mm)

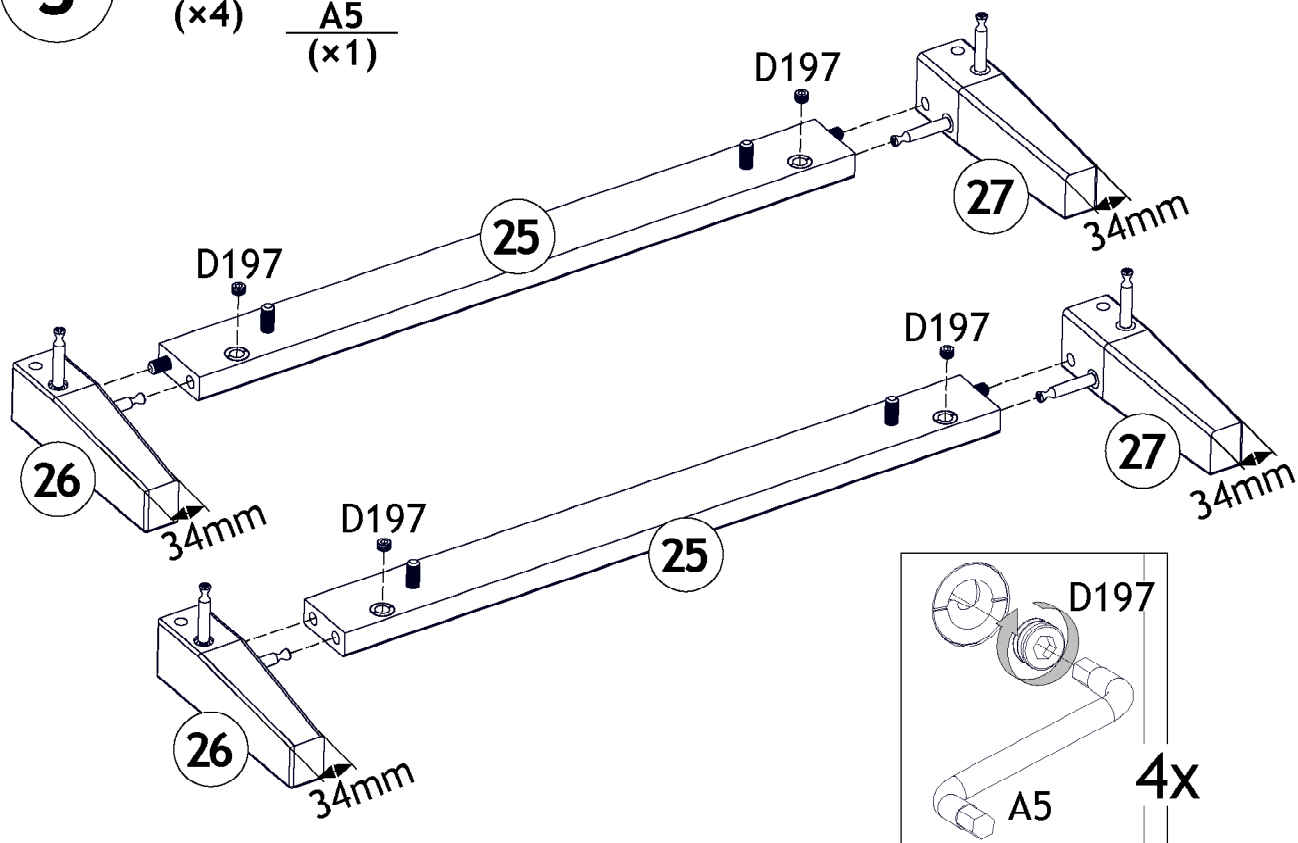


A16
(x8)

M4x25

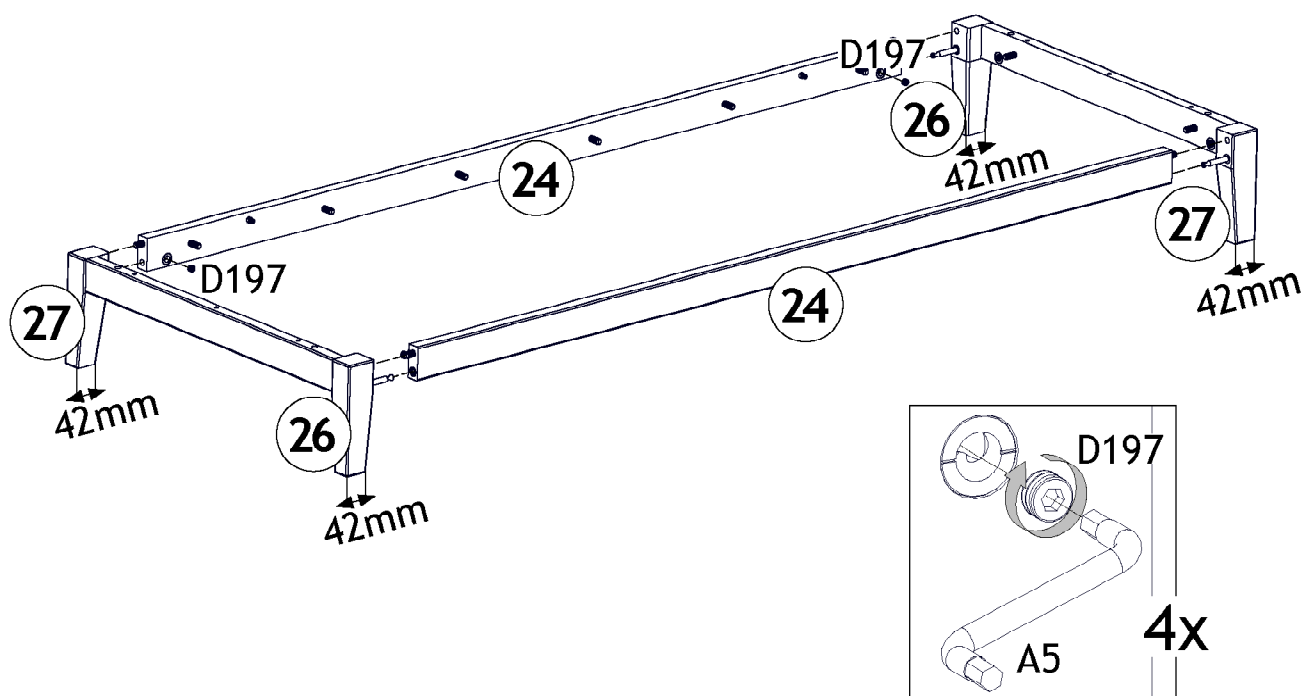
3

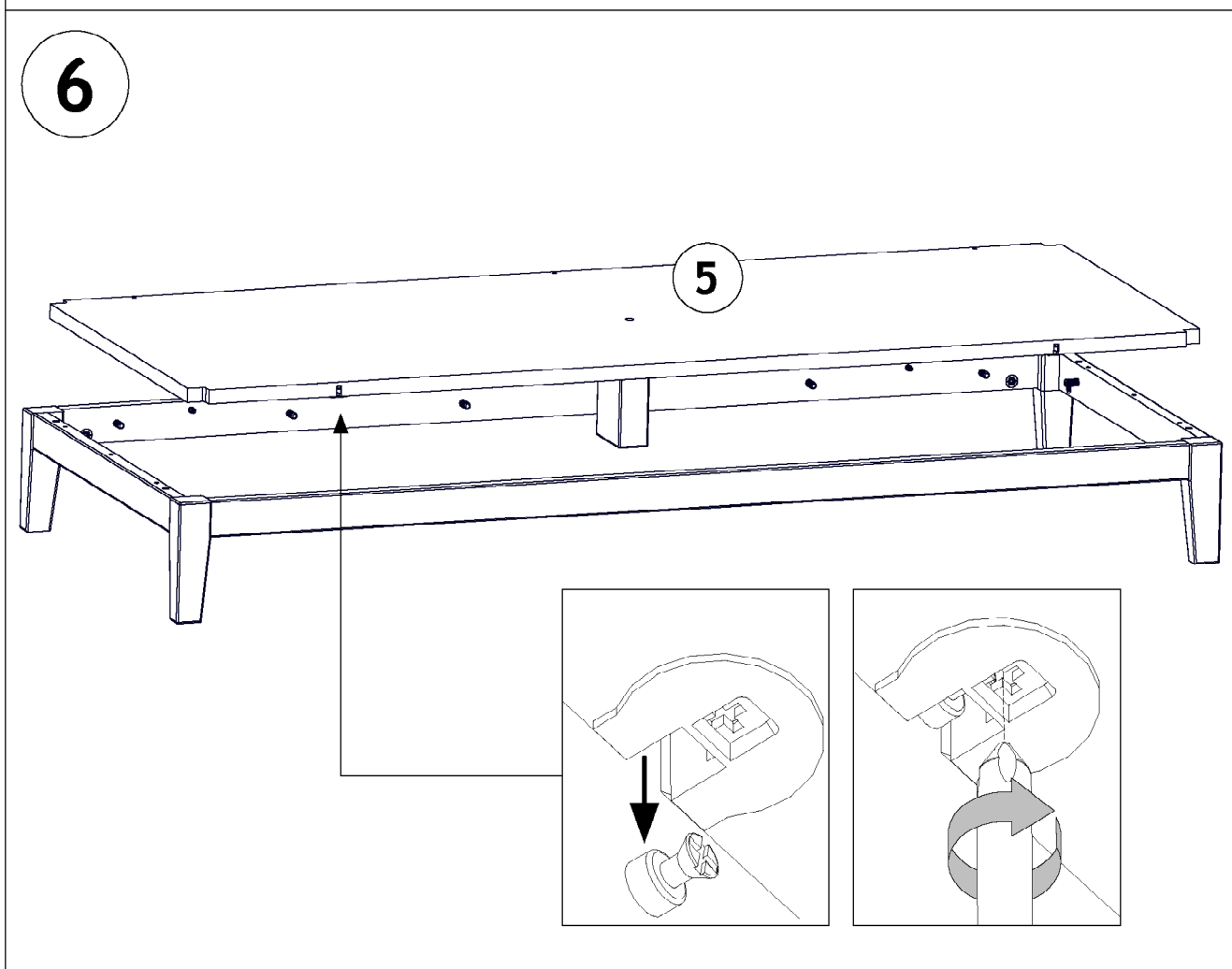
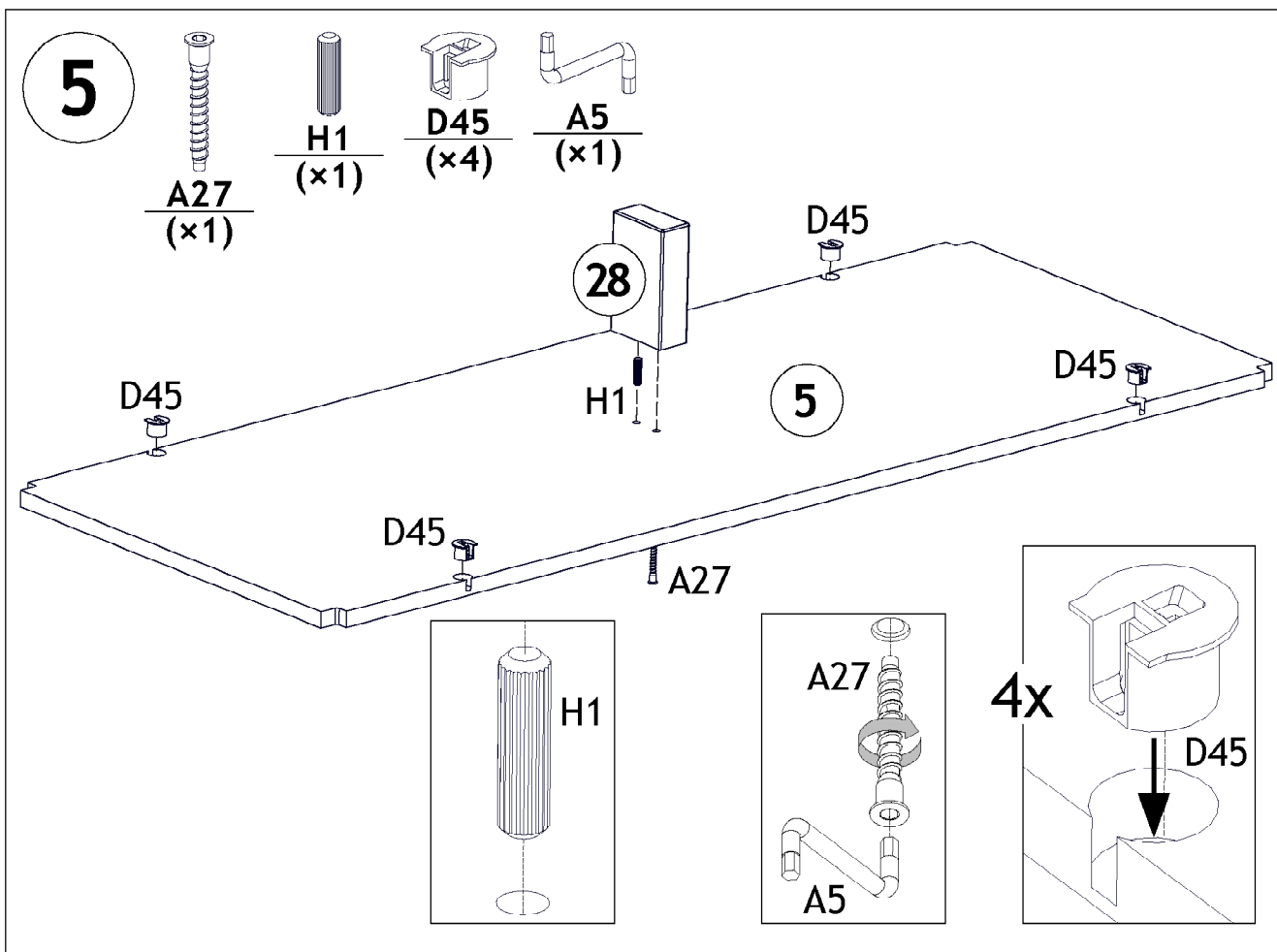
$\frac{D197}{(\times 4)}$ $\frac{A5}{(\times 1)}$



4

$\frac{D197}{(\times 4)}$ $\frac{A5}{(\times 1)}$





7

D19
(x3)

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D2
(×6)

D19

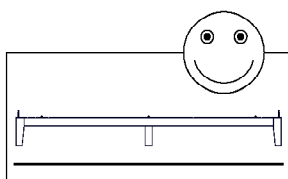
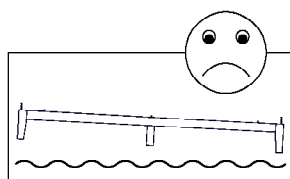
D19

D2

D2

D2

A diagram of a protein structure, likely a DNA polymerase, with several residues highlighted. The residues are labeled D2, D2, D19, and D2. The structure shows a complex arrangement of alpha-helices and beta-sheets, with the highlighted residues located in different parts of the protein.



D19

 $3x$

D2

6x



$$\begin{array}{r} \text{D3} \\ \hline (\times 6) \end{array}$$

D19
(×3)

H1

G75
(×3)

D21
(×2)

H1

G75

D19

D19

D19

D3

D3

D5

G75

4

D21

D21

D21

D21

D21

 $2x$

D21

D19

 $3x$

G75

D3

D3

D3

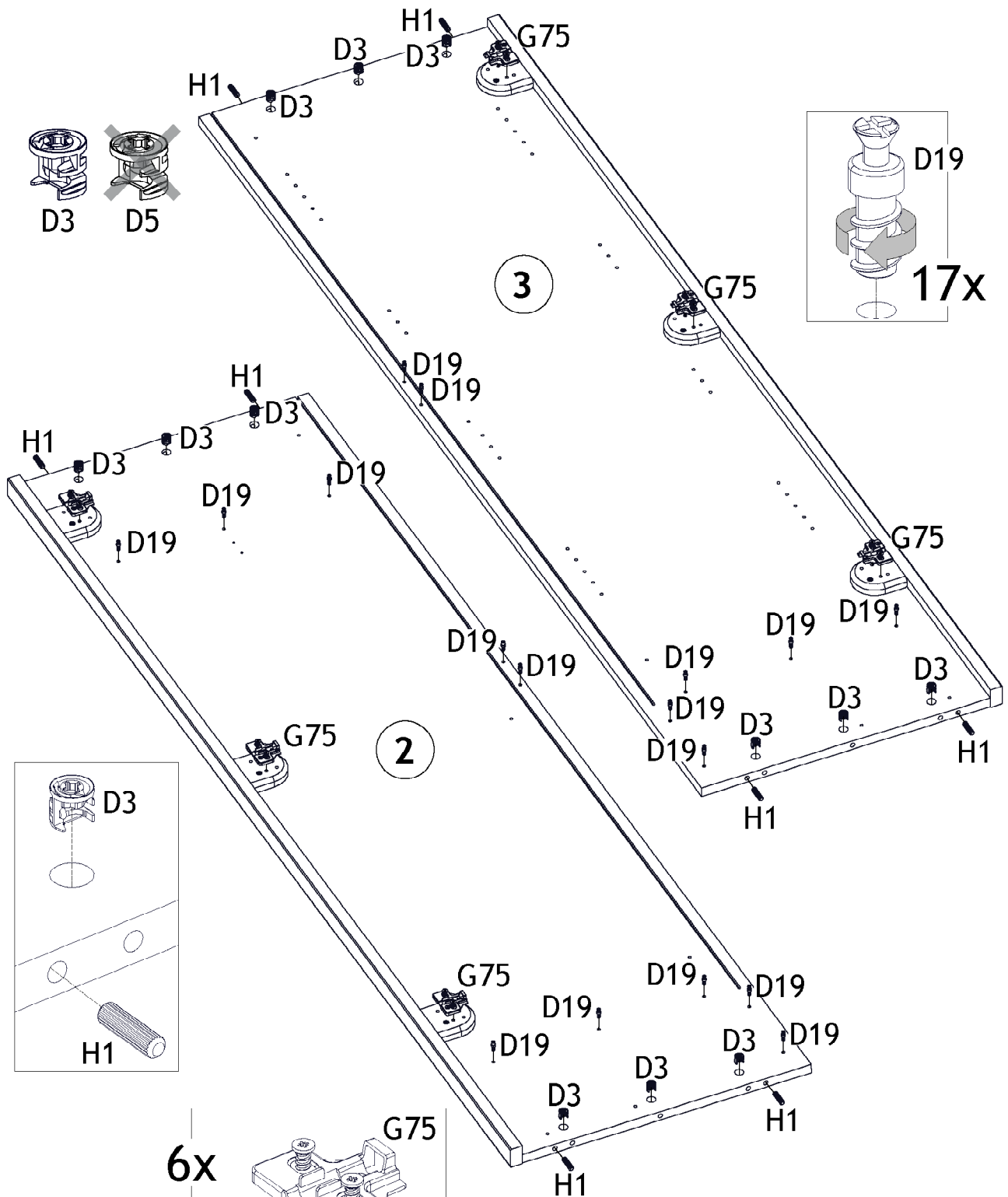
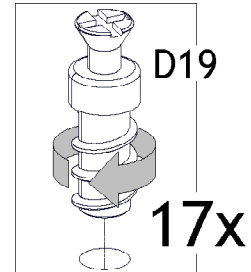
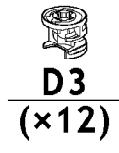
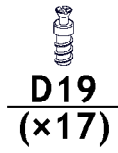
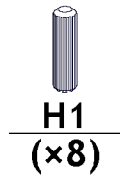
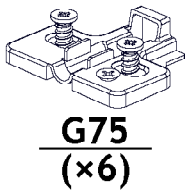
D3¹ H1

D3

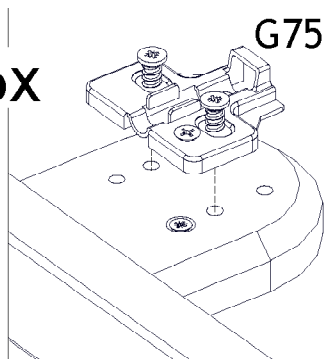
D3

D3

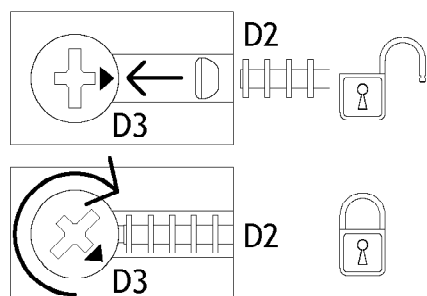
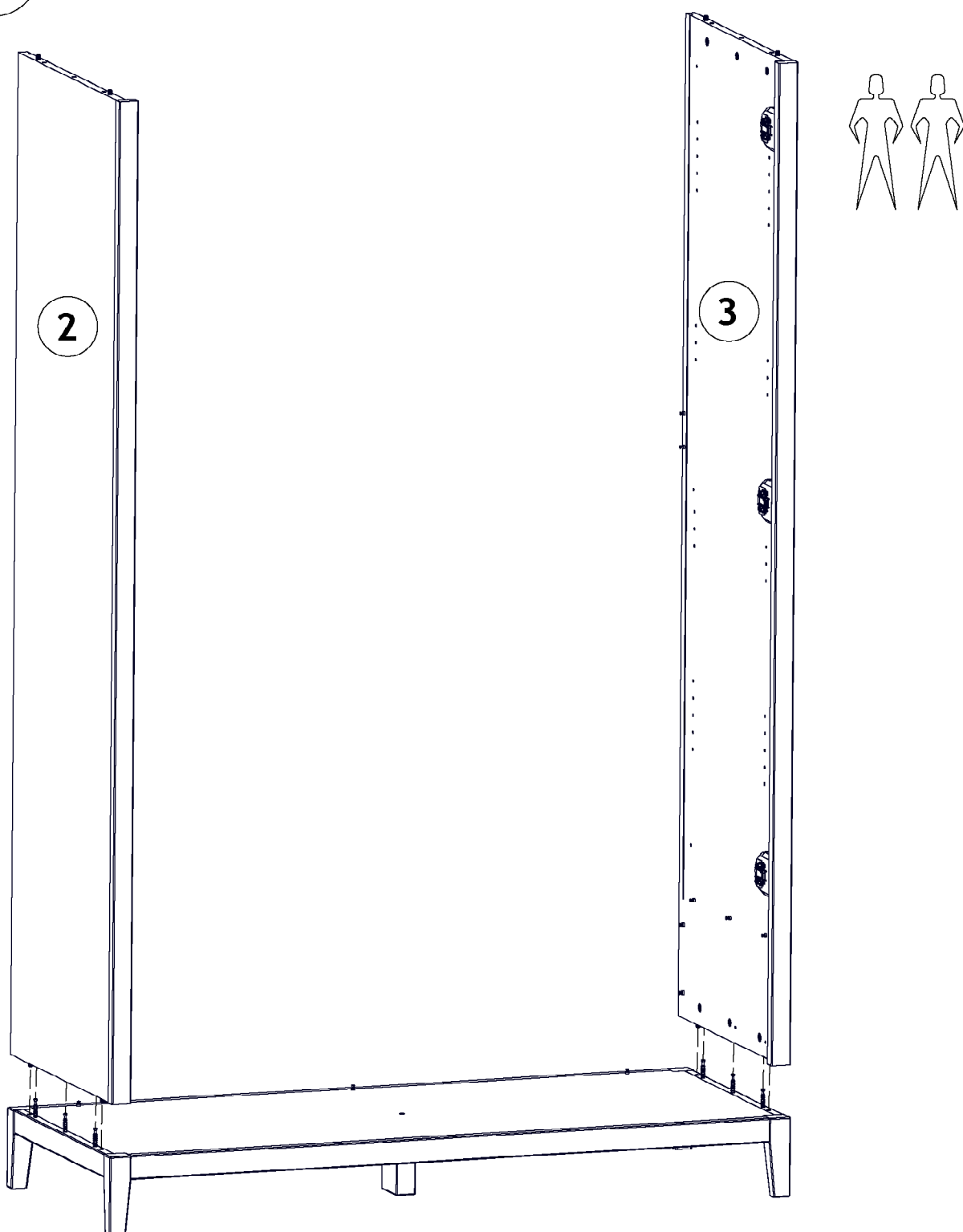
9



6x

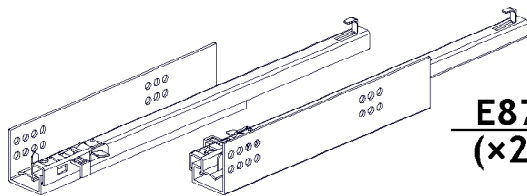


10



11

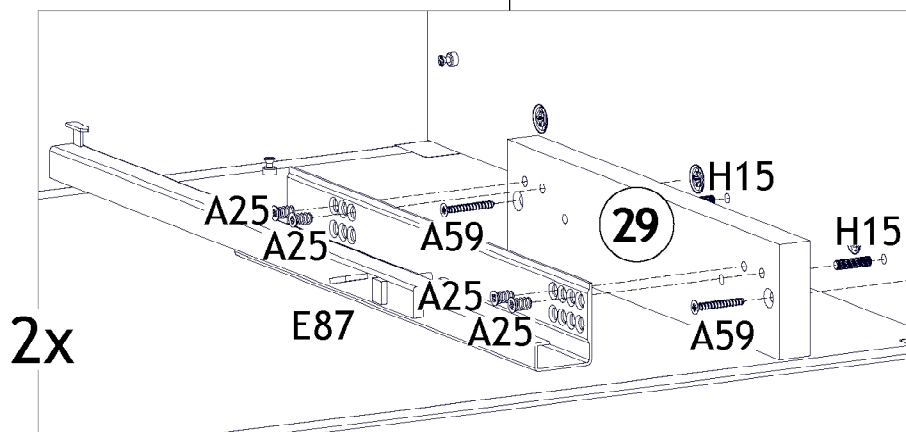
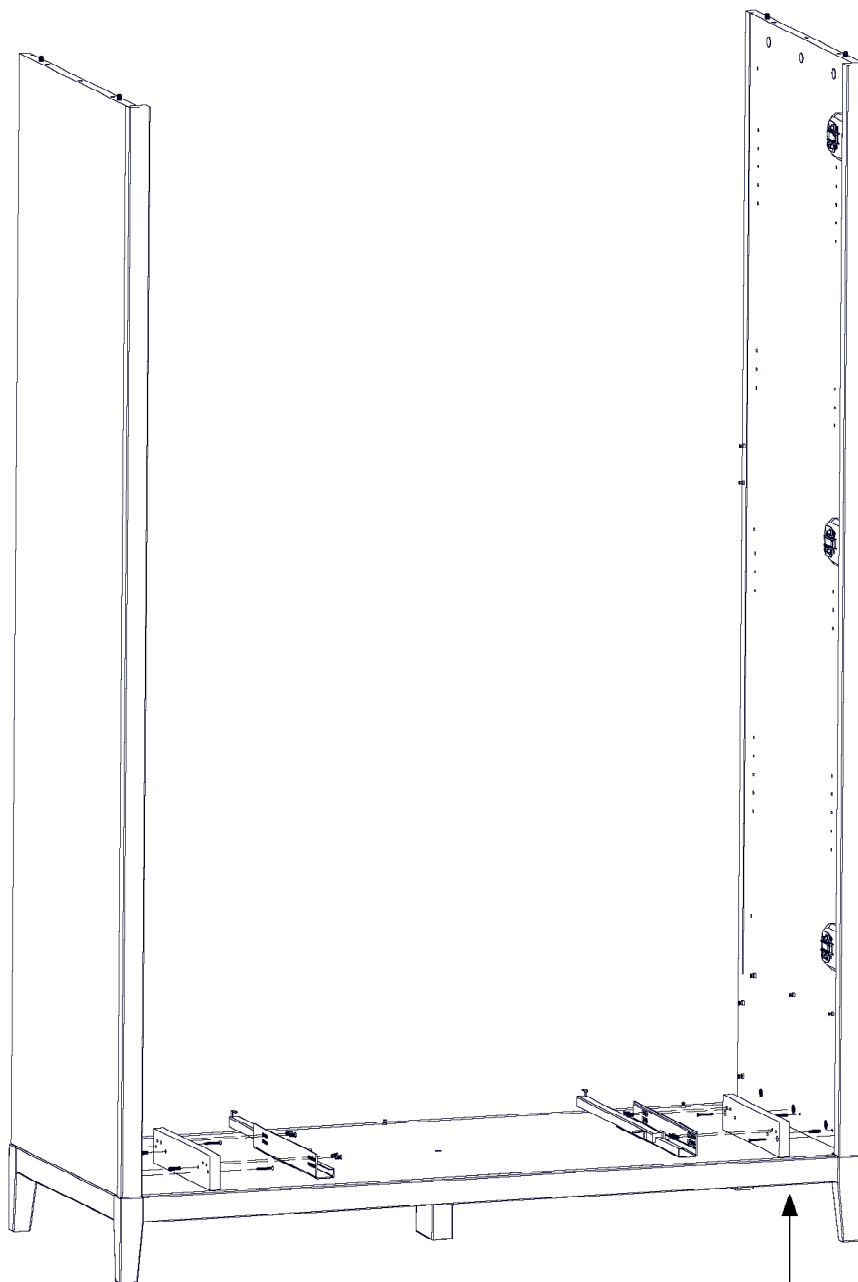
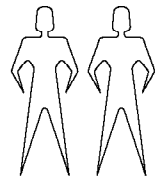
A25
(x8)



E87
(x2)

H15
(x4)

A59
(x4)



14

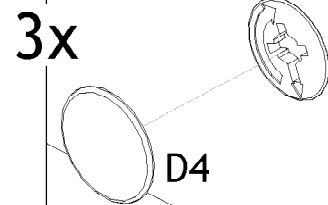
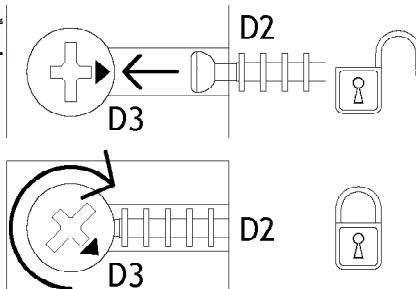
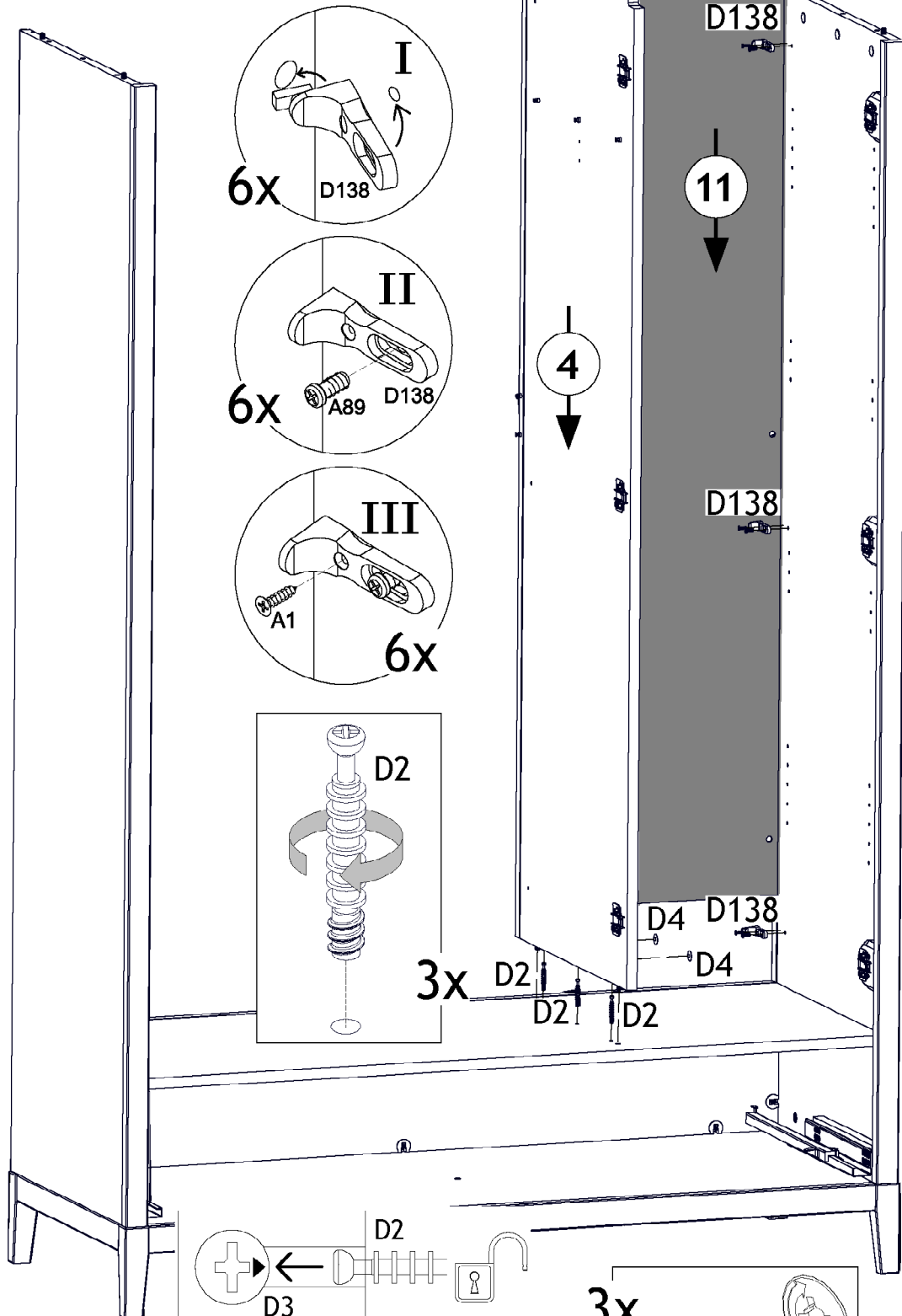
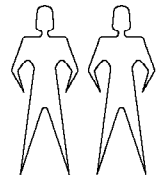
D2
(x3)

D138
(x6)

A1
(x6)

A89
(x6)

D4
(x3)



15



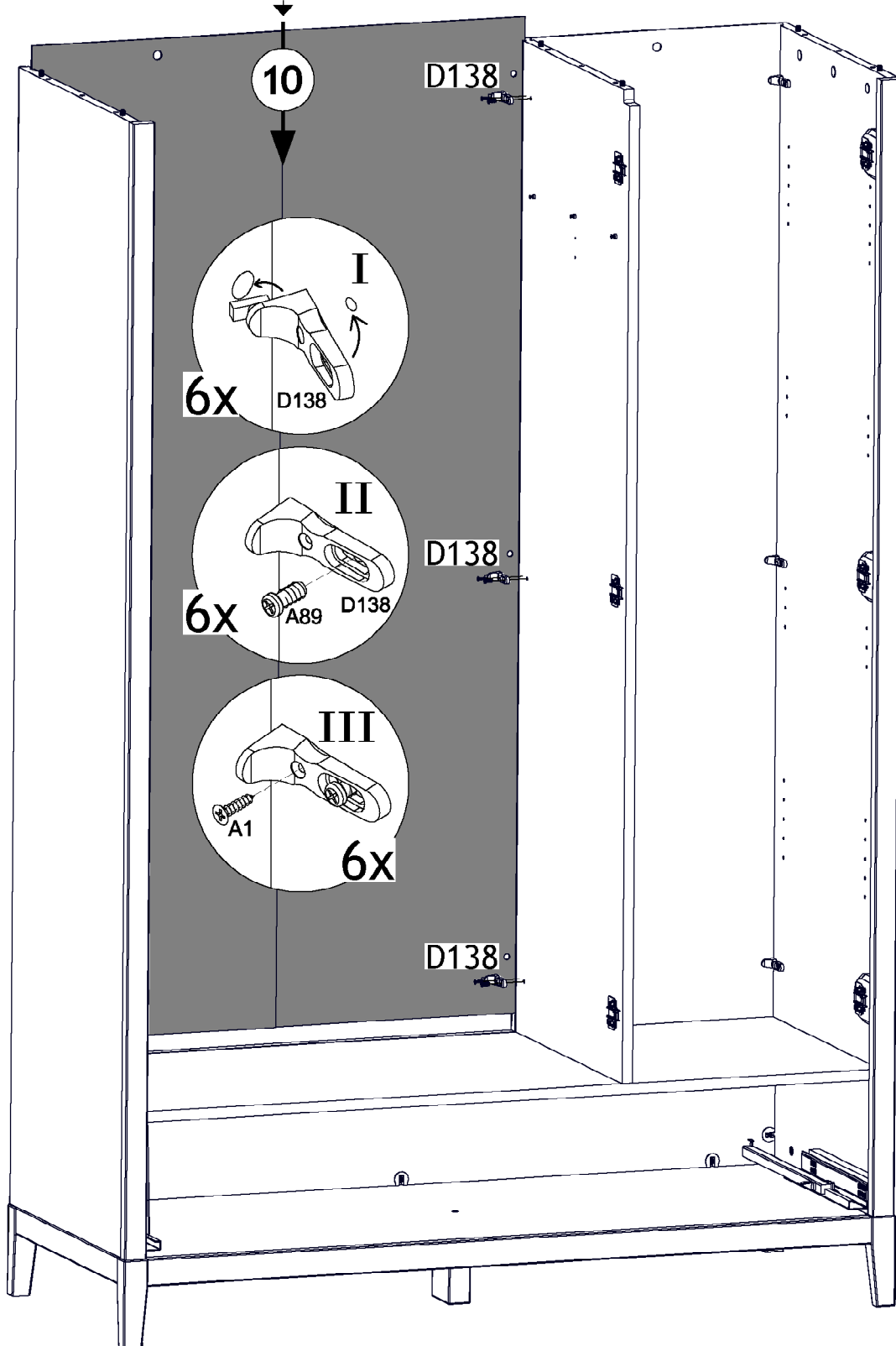
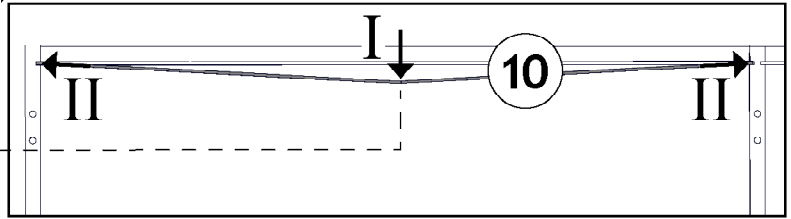
D138
(x6)



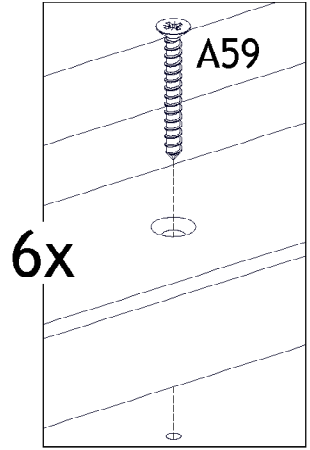
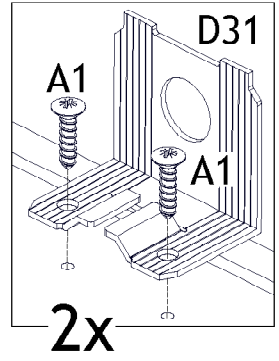
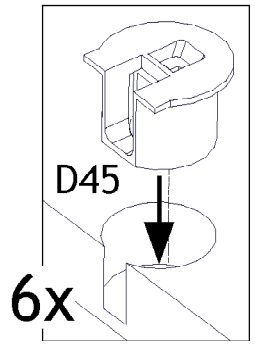
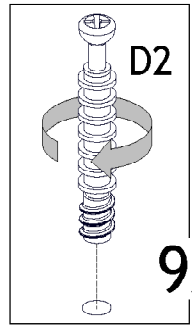
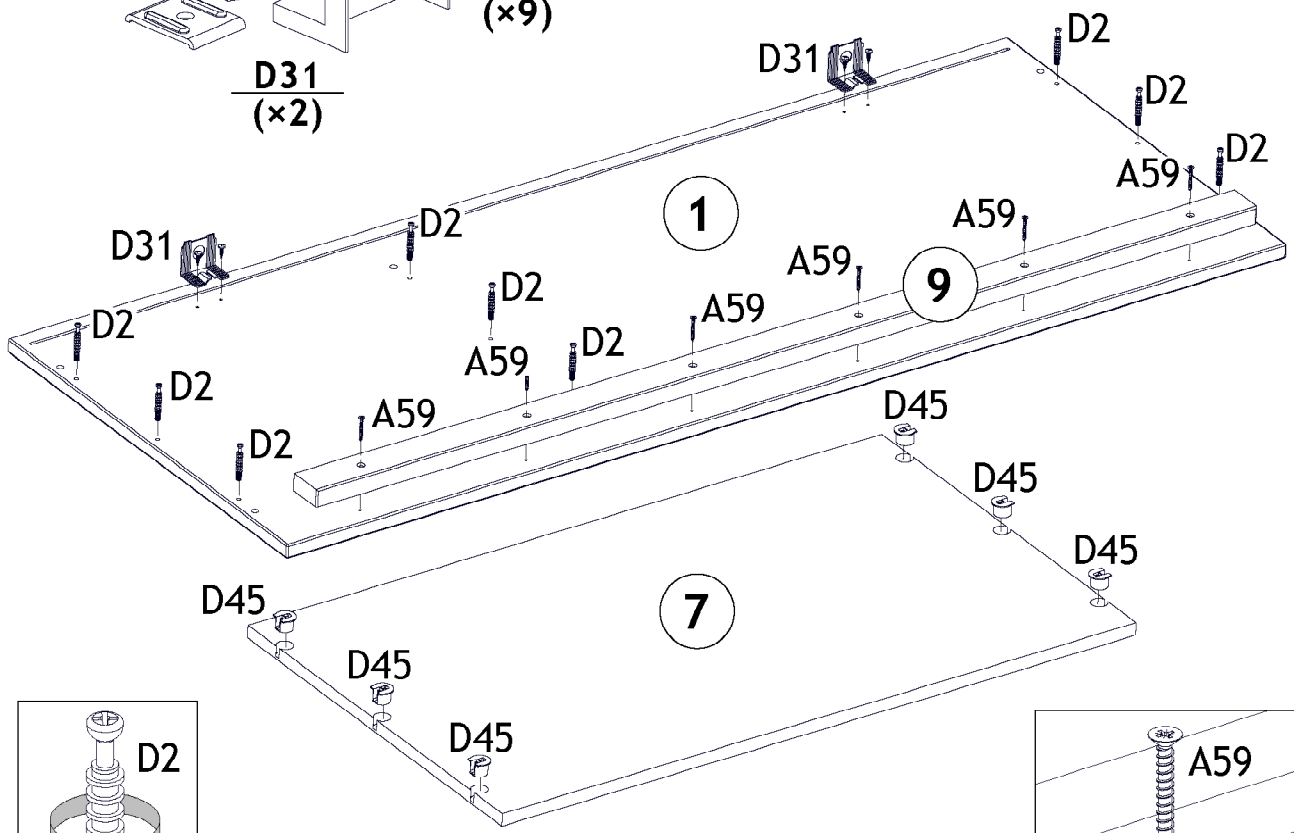
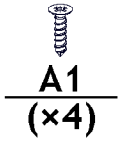
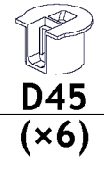
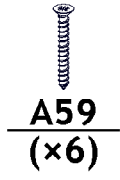
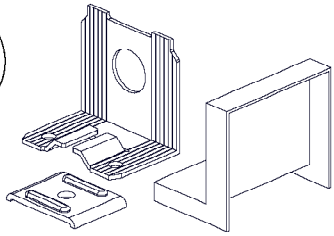
A1
(x6)



A89
(x6)

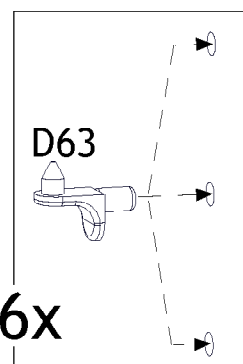
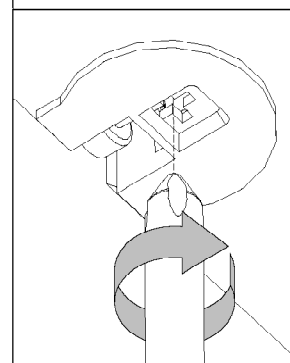
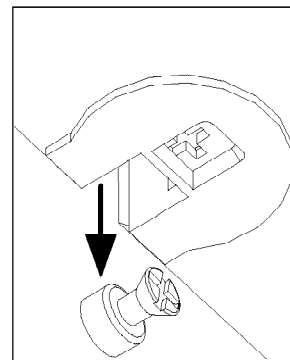
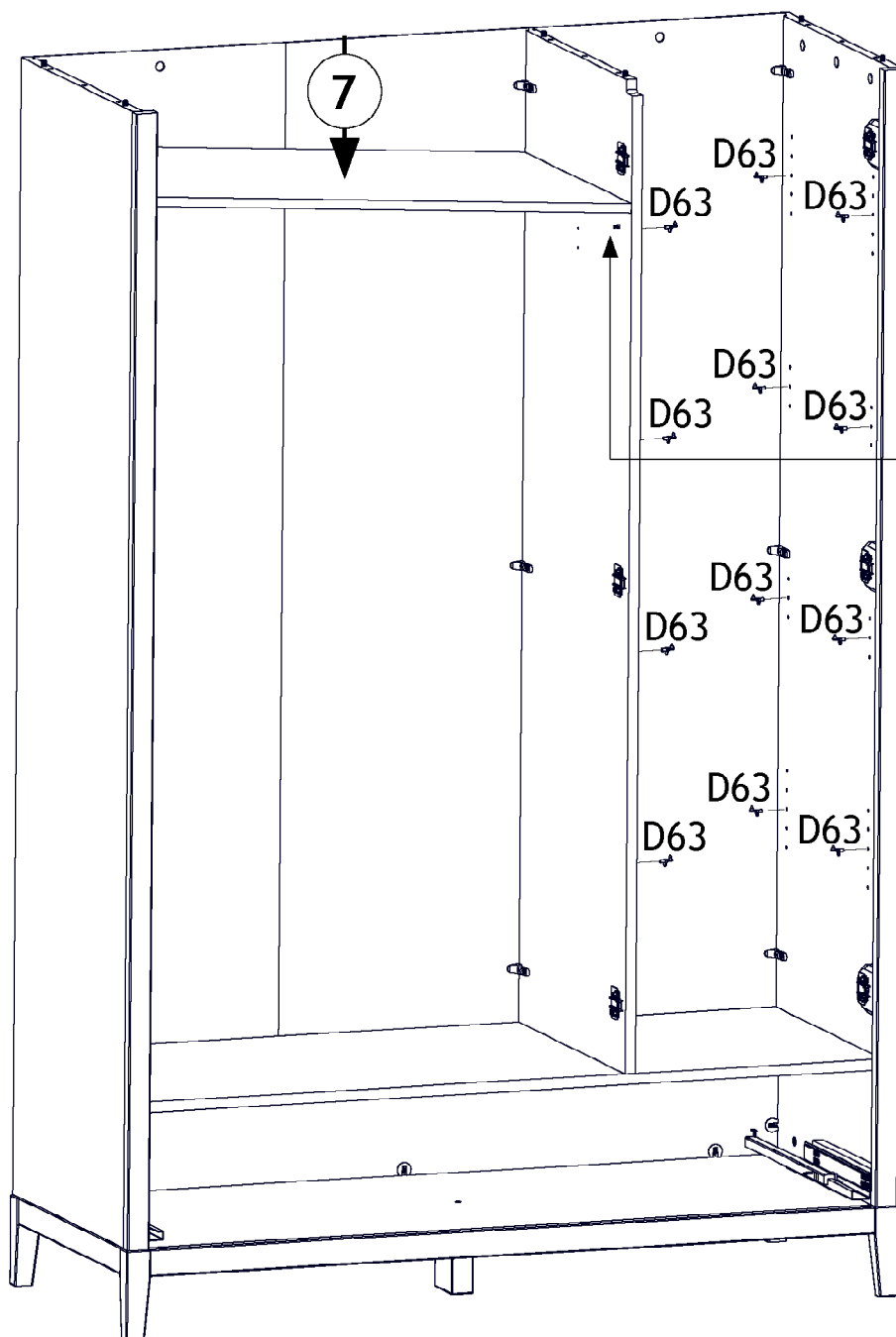


16

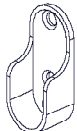


17


D63
(x16)



18



L2
(x2)

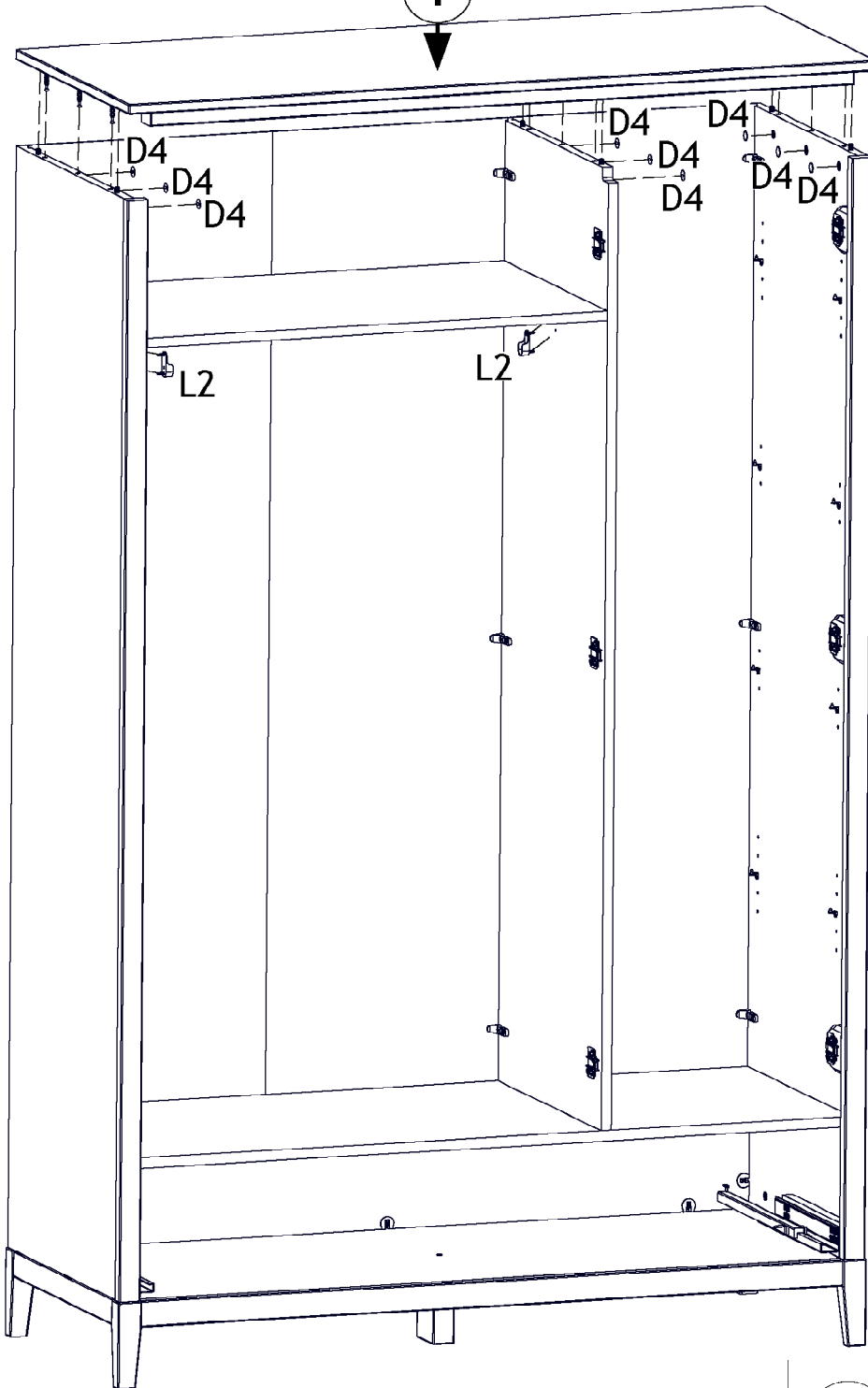


A1
(x4)

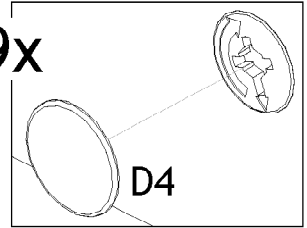


D4
(x9)

1



9x

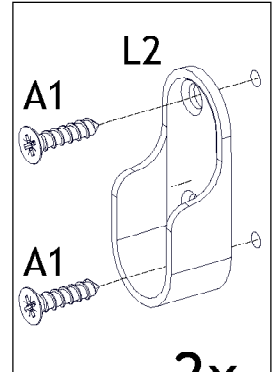


L2

A1

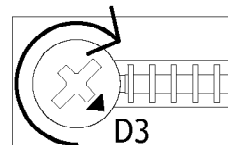
A1

2x



D3

D2



D3

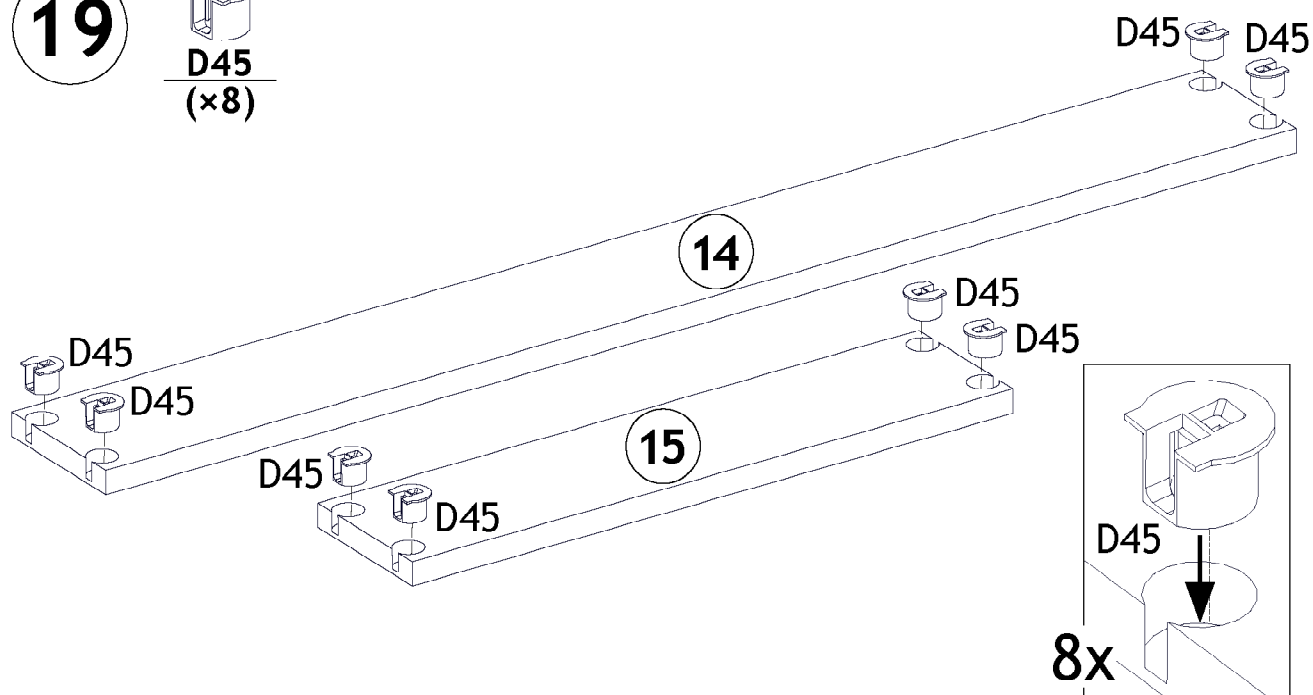
D2



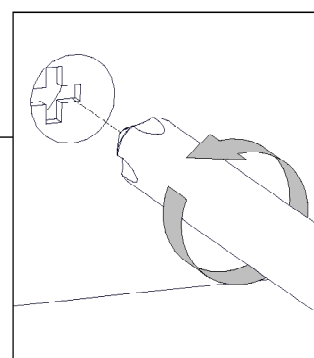
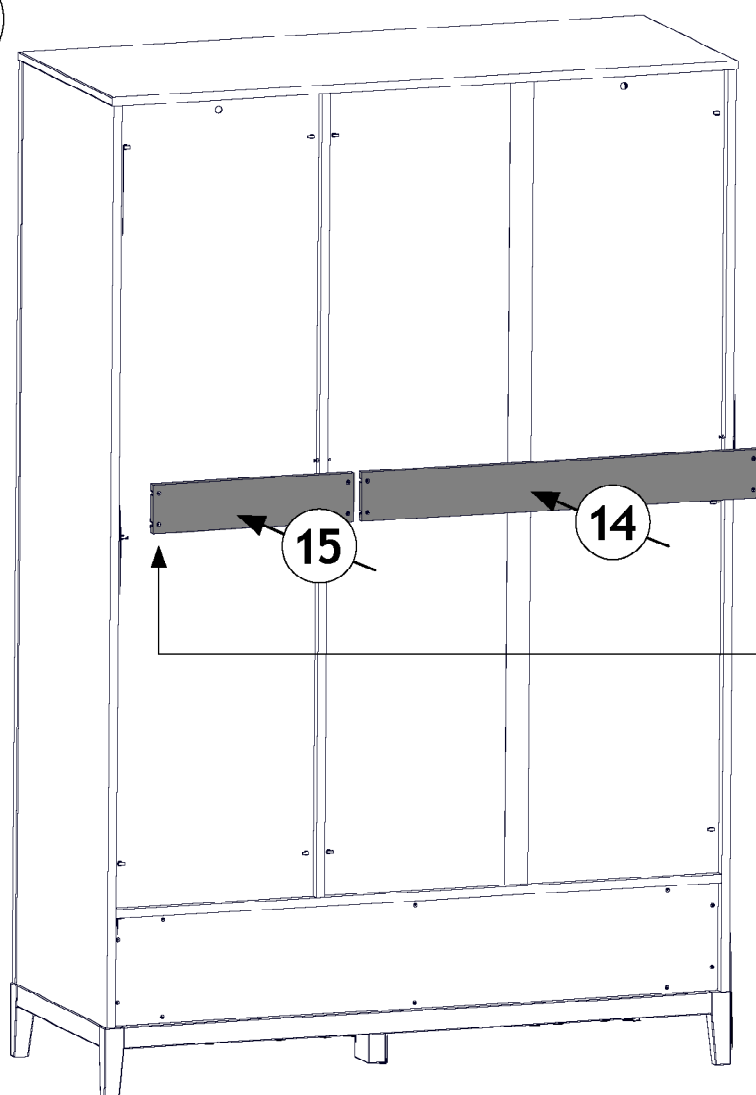
19



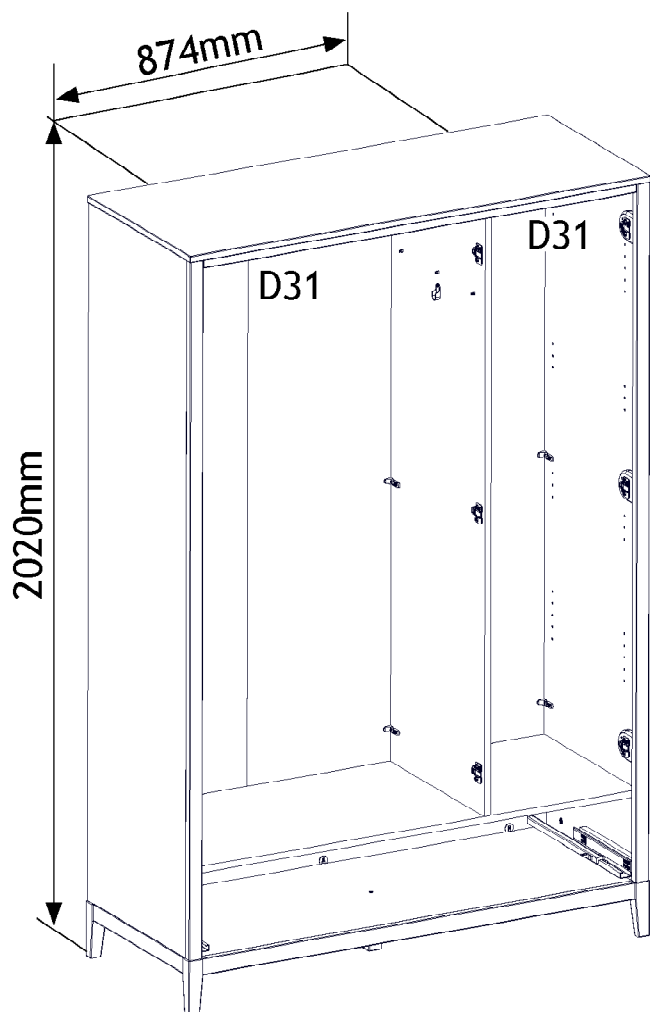
D45
(×8)



20



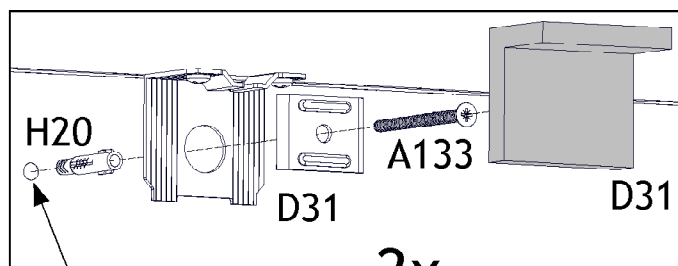
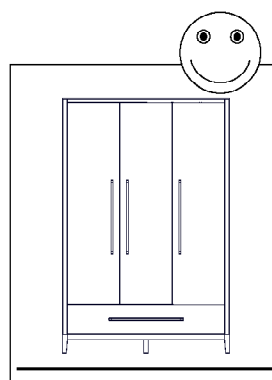
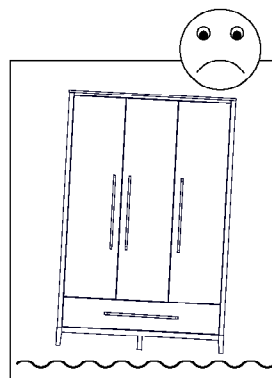
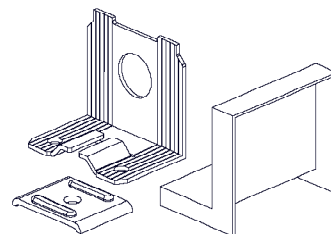
21



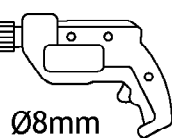
H20
(x2)

A133
(x2)

D31
(x2)

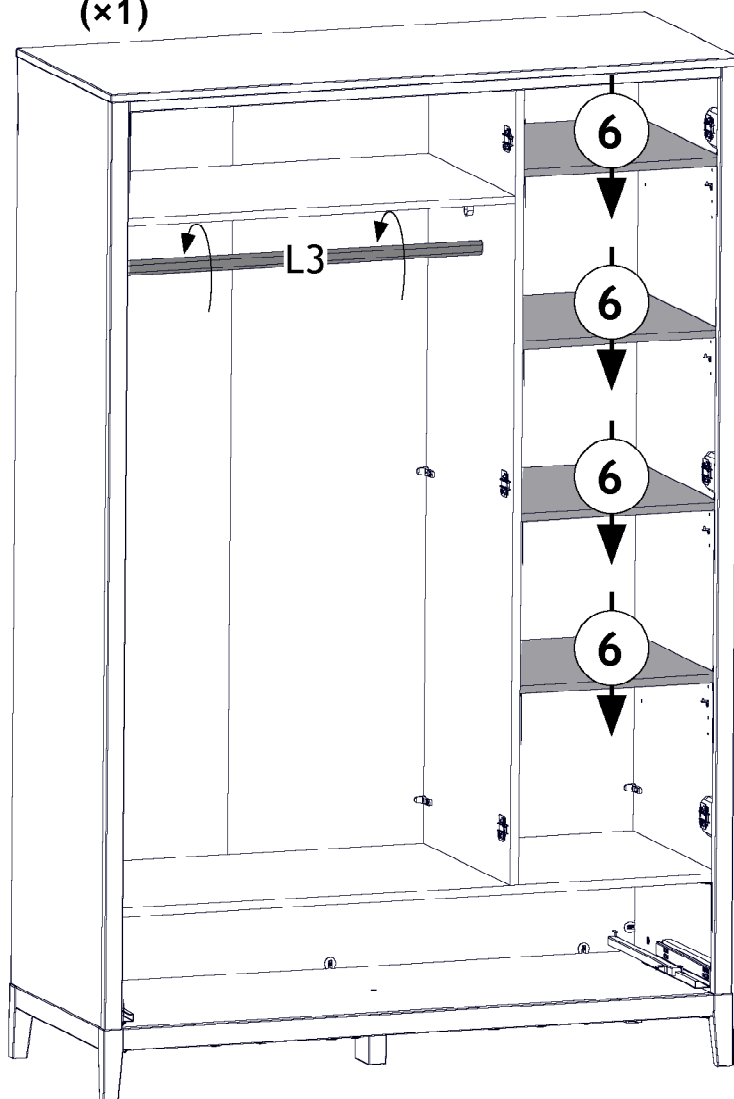


2x



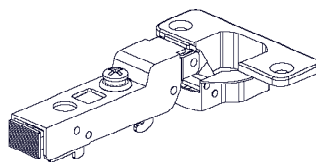
22

L3
(x1)

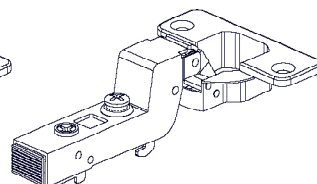


23

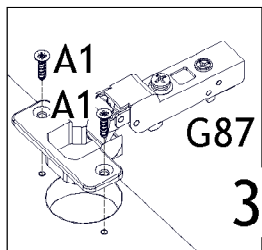
A1
(x18)



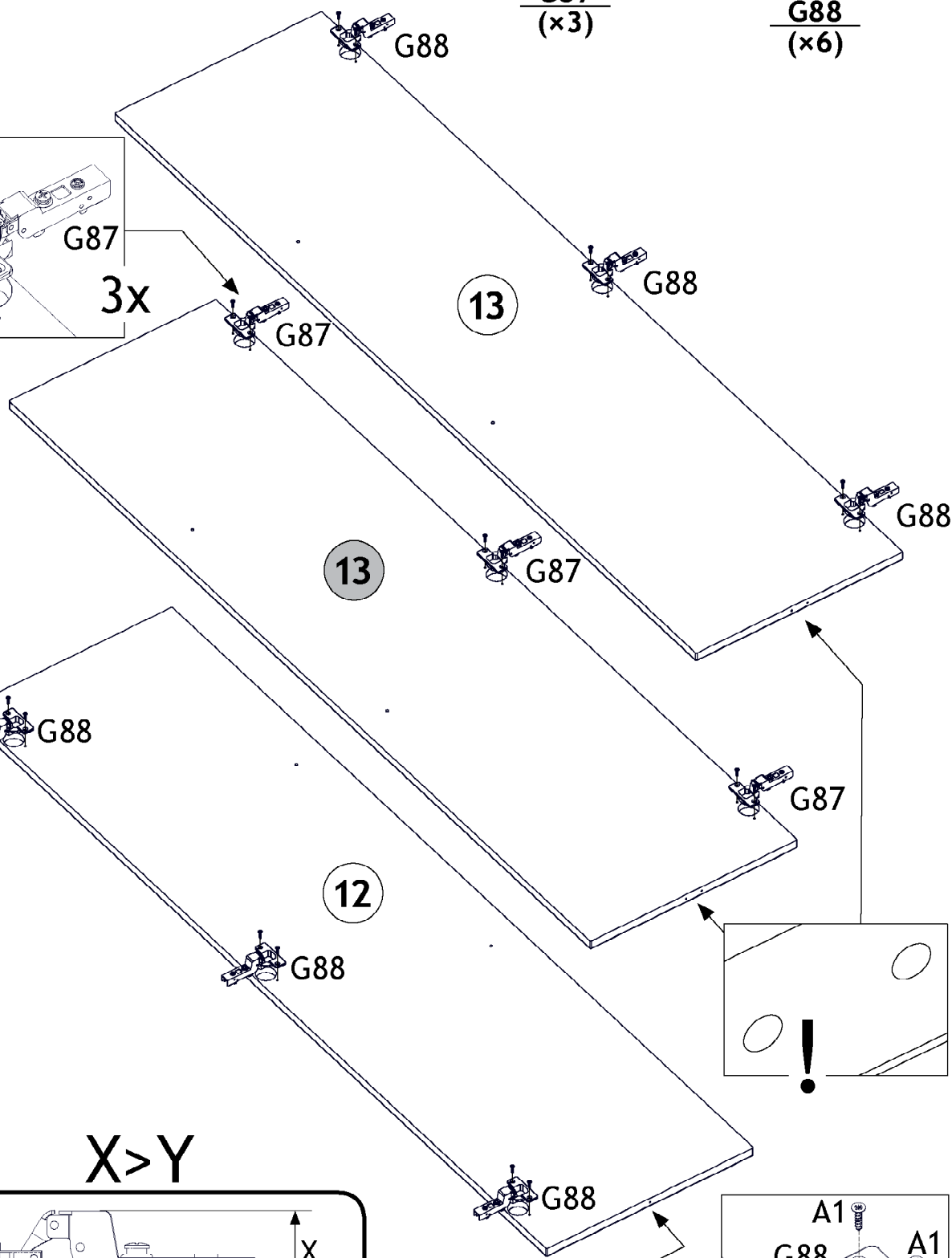
G87
(x3)



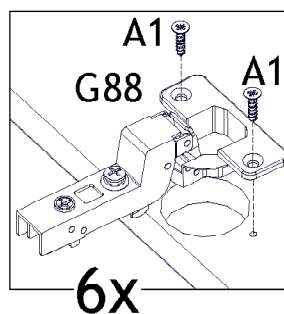
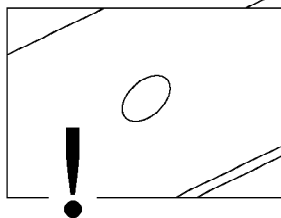
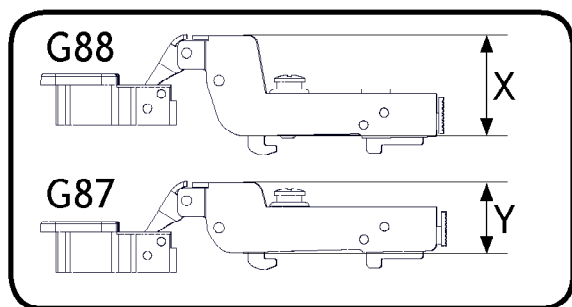
G88
(x6)



3x

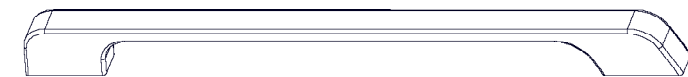


$X > Y$



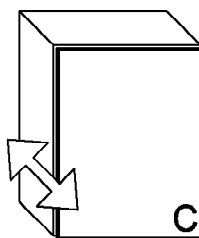
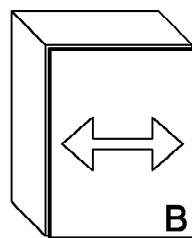
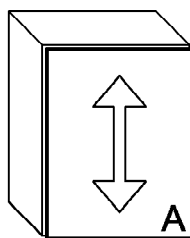
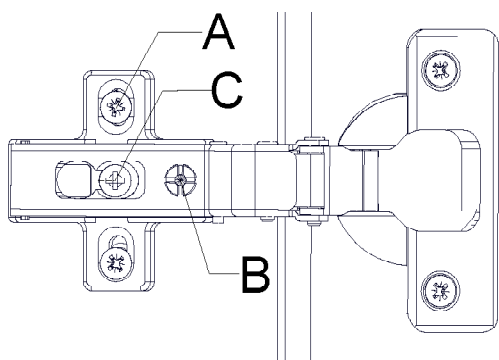
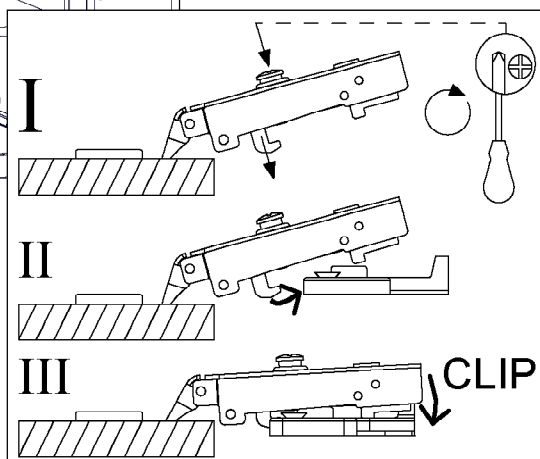
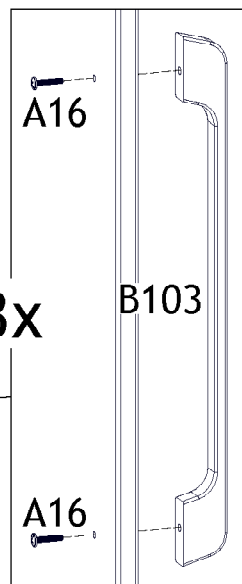
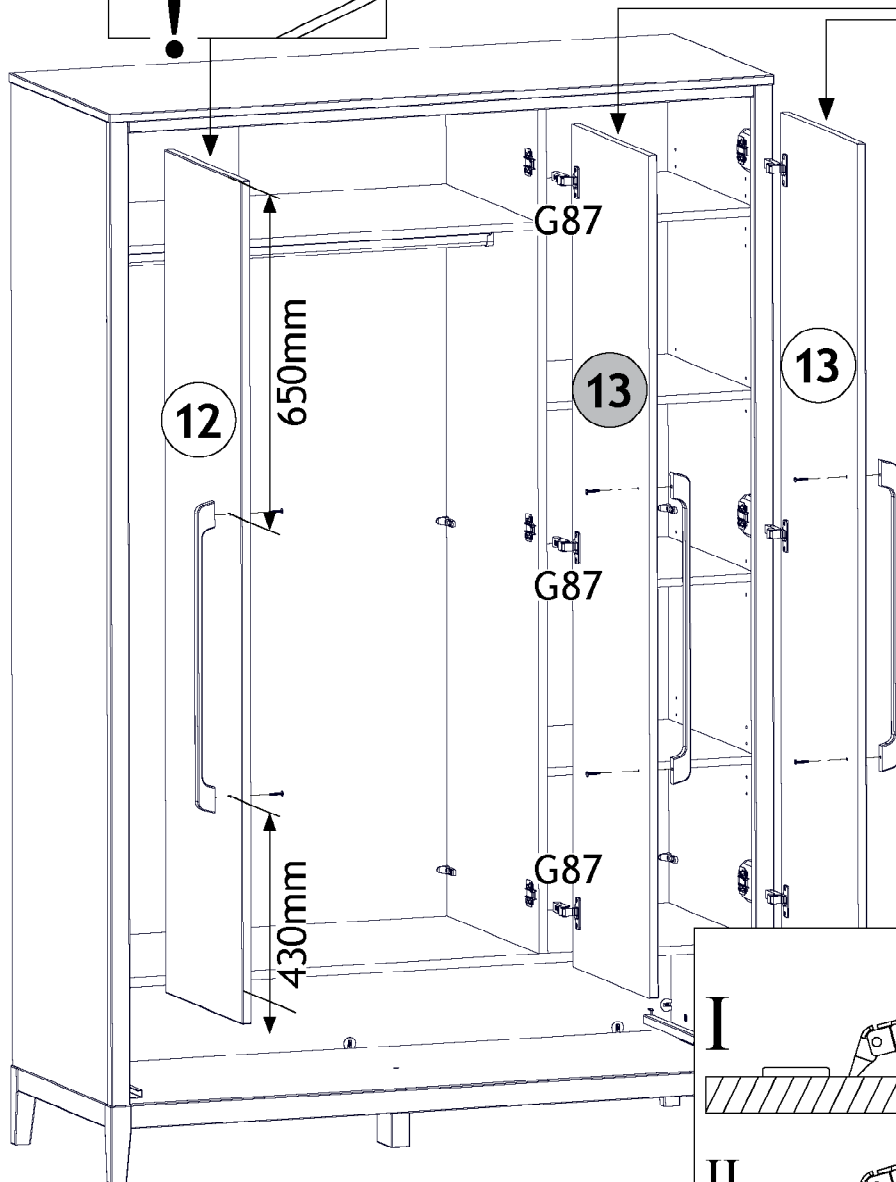
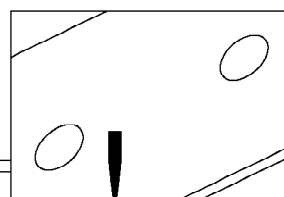
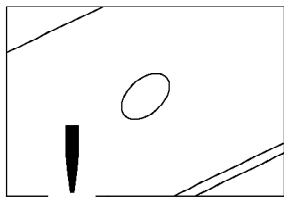
6x

24



B103
(x3)

A16
(x6)

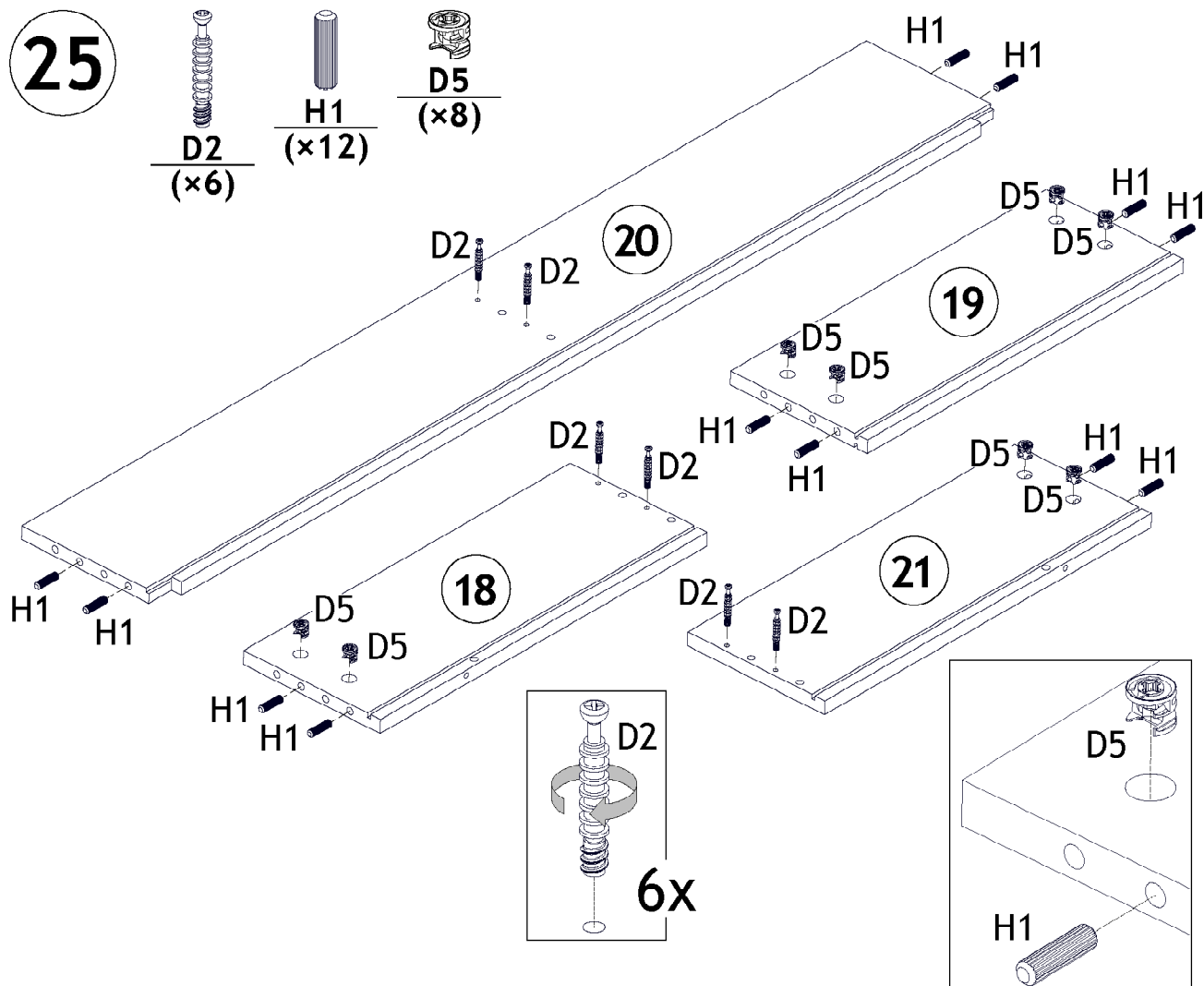


25


D2
(x6)


H1
(x12)

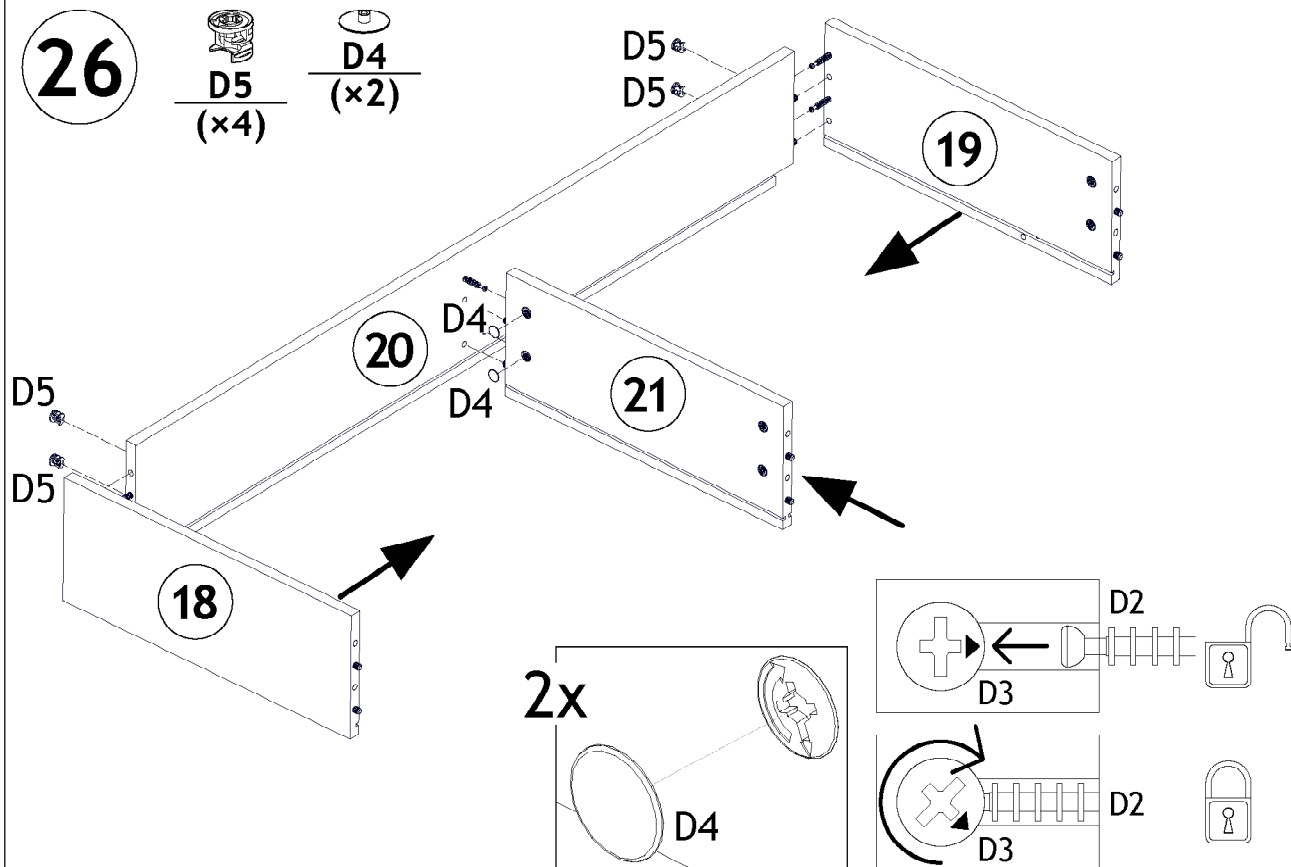

D5
(x8)



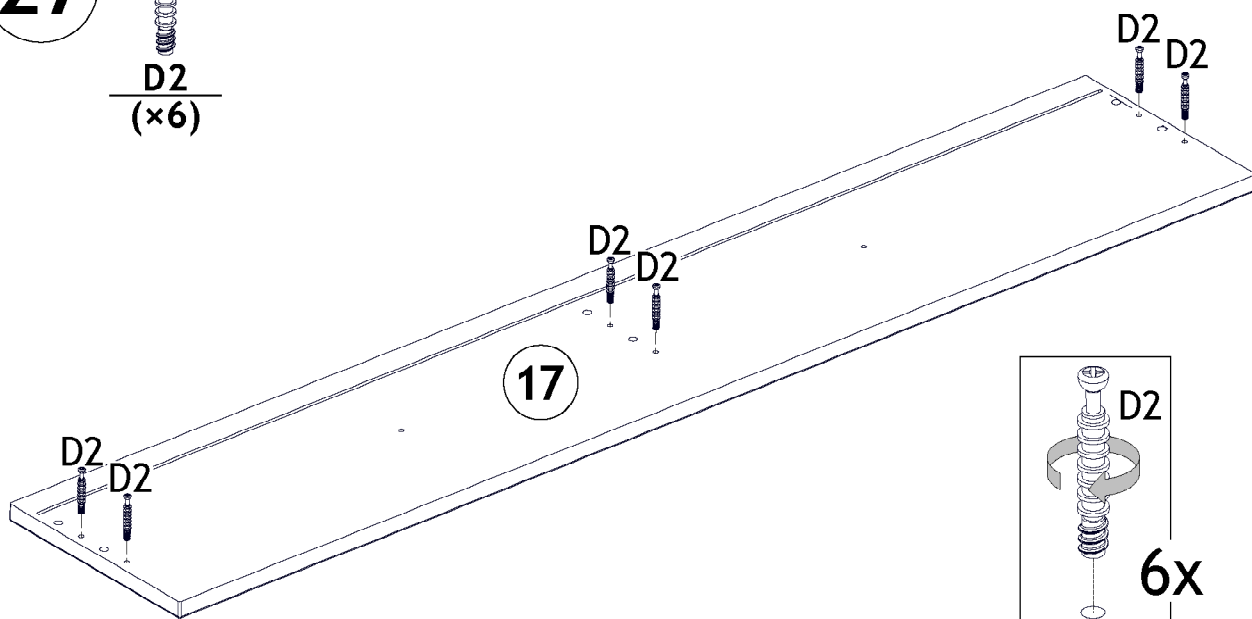
26


D5
(x4)

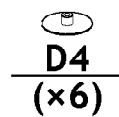

D4
(x2)



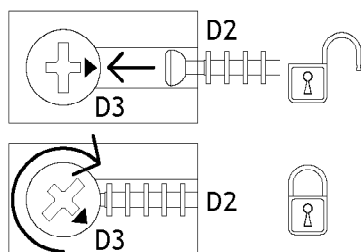
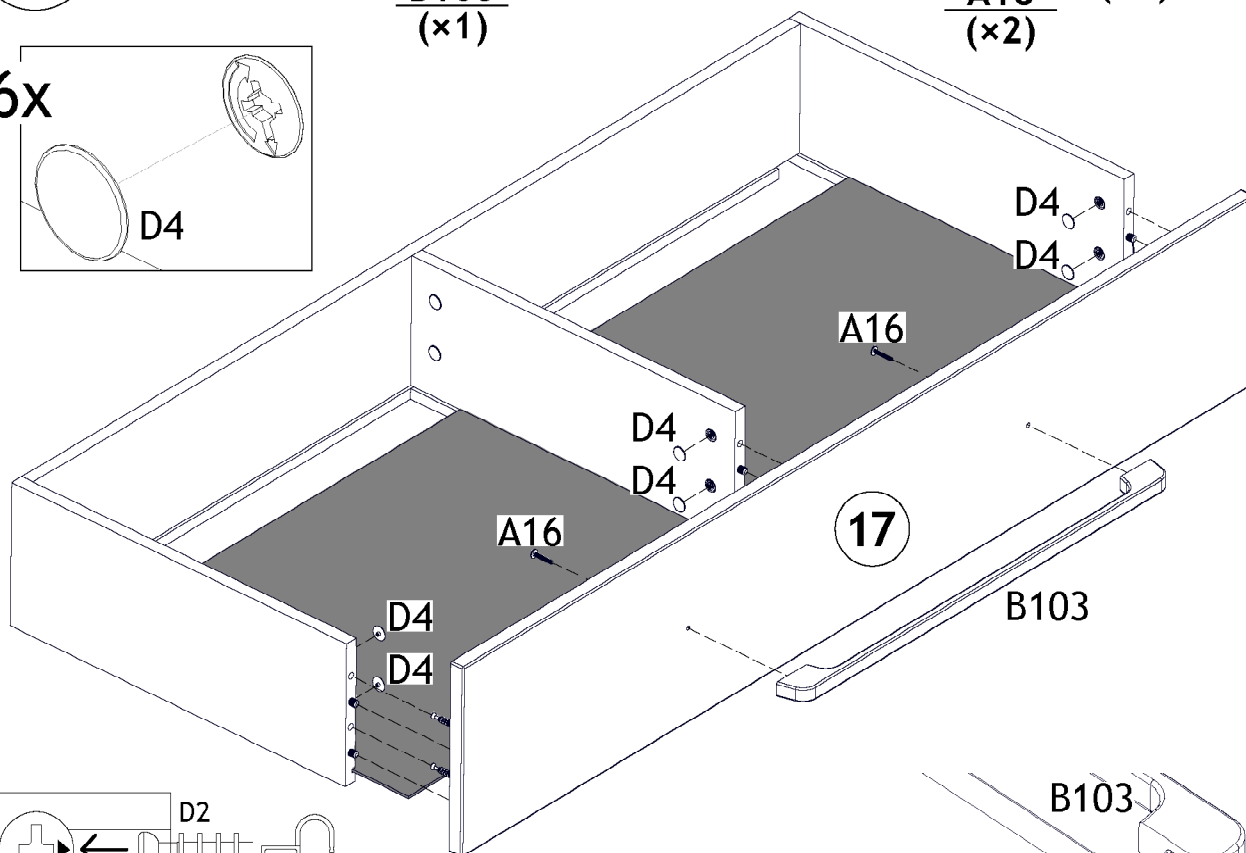
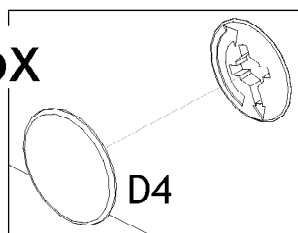
27



28

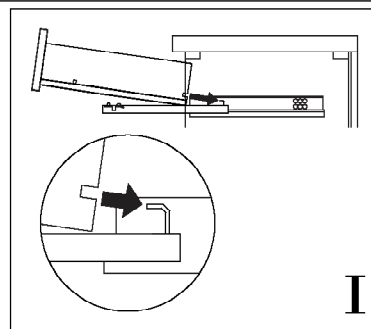
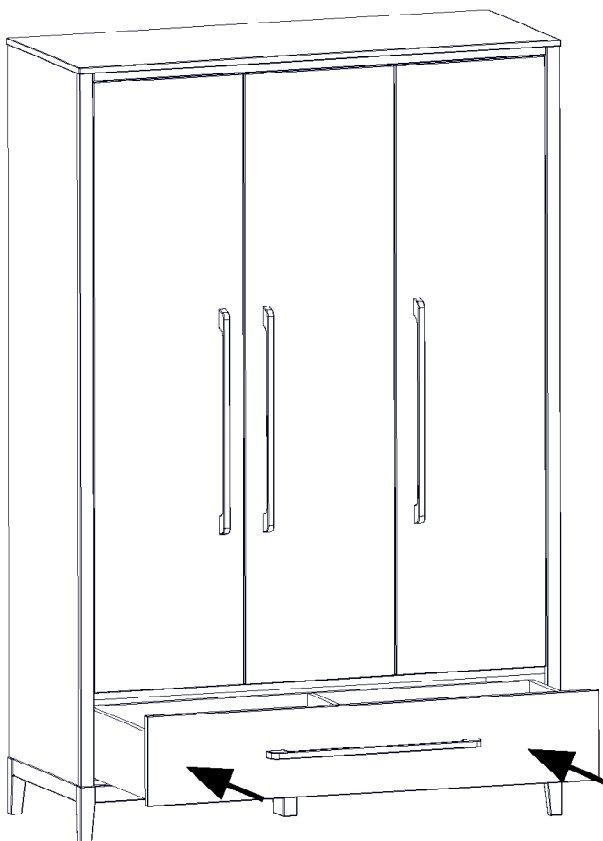


6x

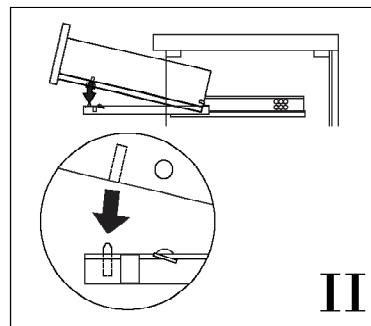


17

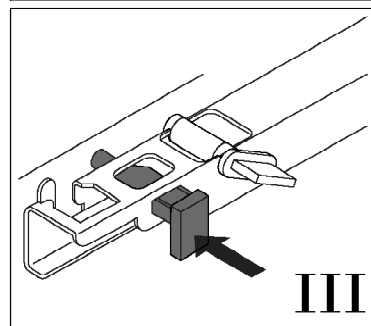
29



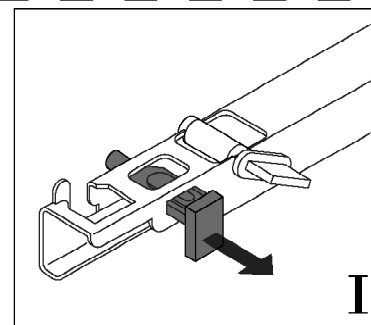
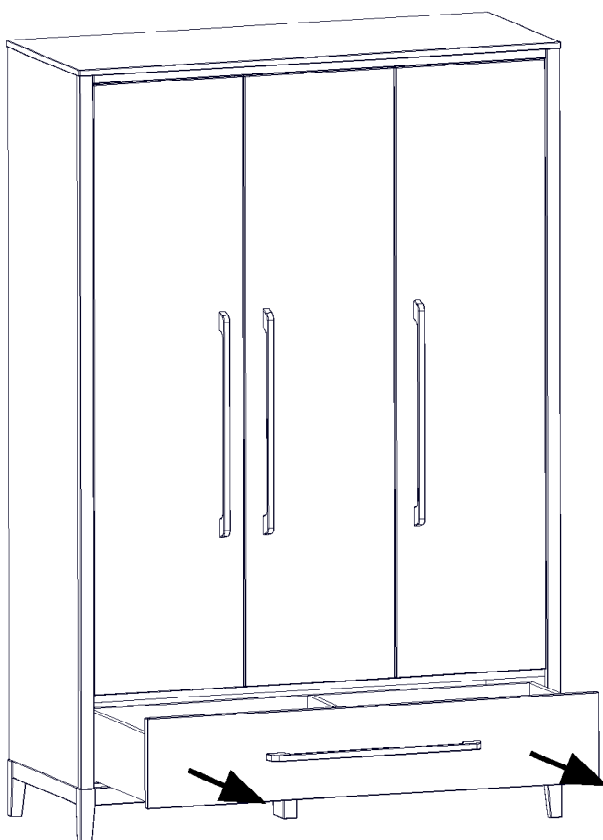
I



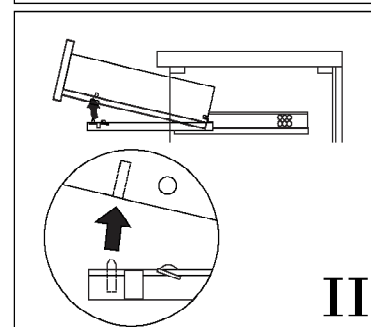
II



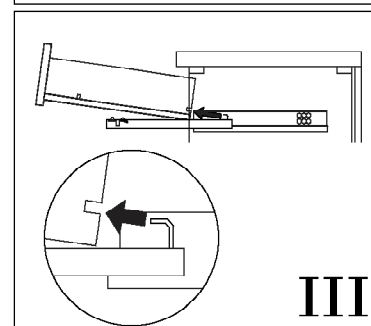
III



I



II



III

