

# TANDEM 16 mm 7/8 extension

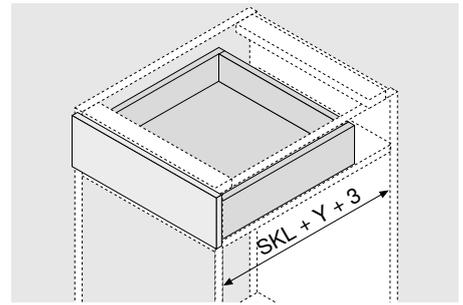
Technical data sheet



540H locking device feature – BLUMOTION



- Concealed TANDEM 7/8 extension for wooden drawers with a panel thickness of 11 to 16 mm
- For more ergonomic access
- Includes integrated BLUMOTION motion technology for soft and effortless closing
- Low-friction cylindrical rollers ensure a feather-light glide
- With soft end stop when opening
- Tool-free height adjustment via locking device (with T51.1700.04)
- Built-in width and depth tolerance compensation



Drawer depth (SKL) mm	Y mm
300	25
350	25
400	35
450	35
500	30

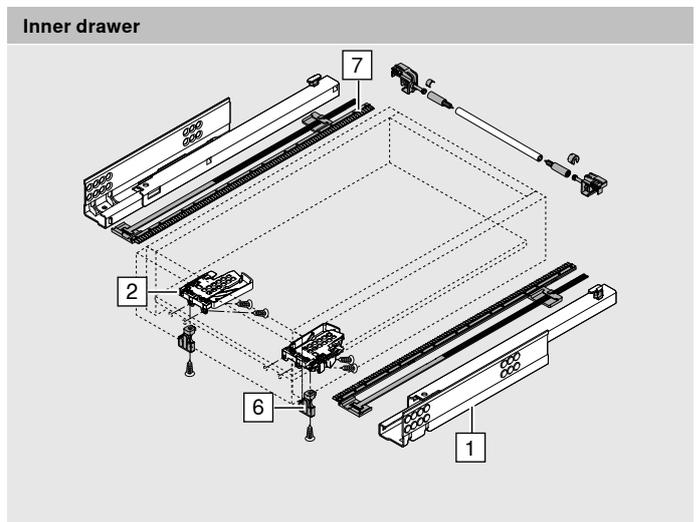
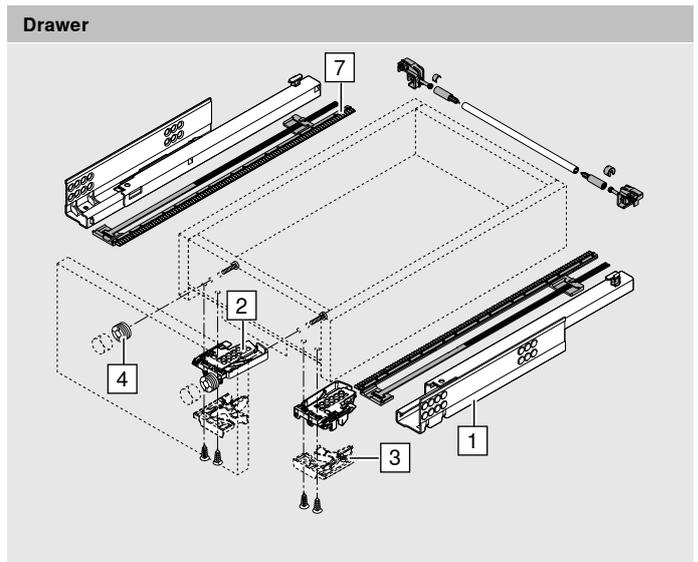
Ordering information

1	Runners left/right		
	Drawer depth SKL mm	Nominal length NL mm	Load bearing capacity 25 kg
	300	325	540H3000B
	350	375	540H3500B
	400	435	540H4000B
	450	485	540H4500B
	500	530	540H5000B
Integrated BLUMOTION			

2	Locking device left/right	
	Nylon/zinc orange	T51.1700.04
	With height adjustment	
	Order left and right	

Alternative to 2

3	One-part locking device left/right	
	Nylon R7035 light grey	T51.1400
	Order left and right	
	Cannot be combined with POSISTOP	



## 540H locking device feature – BLUMOTION

## Accessories

4	Front adjustment bracket	
	Nylon natural	295.1000

6	POSISTOP	
	Material: nylon Colour: RAL 7037 dust grey	298.5500
	Depth stop	
	Can only be combined with locking device T51.1700.04	
	Only for inset applications	

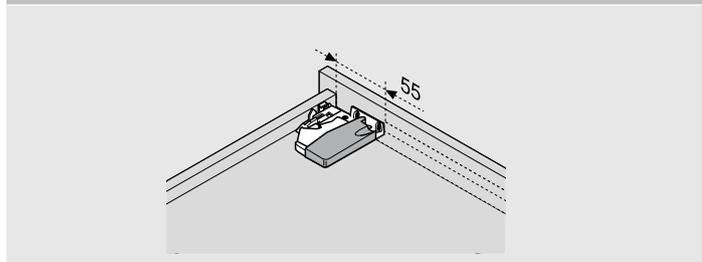
7	Side stabiliser set for 7/8 extension		
	For cutting to size	Nominal length NL (mm)	
	Suitable for cabinet width KB 1400 mm	Up to 400	ZST.410TT
	Colour: RAL 7037 dust grey	Up to 500	ZST.650TT
	Material: nylon	Cutting dimensions: Internal cabinet width LW – 222 mm	
	We recommend using a side stabiliser with wide pull-outs with a short nominal length		

540H locking device feature – BLUMOTION

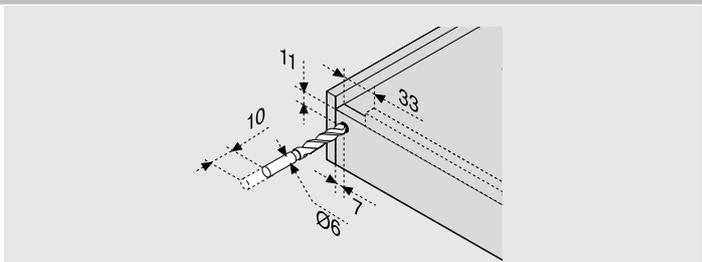
Planning

Space requirements in the cabinet		Drawer/inner drawer		Drawer		Inner drawer	
A	3 mm distance to interchange with full extension	SKW	Internal drawer width	SKL	Drawer depth	ISKL	Inner drawer length
		LW	Internal cabinet width	NL	Nominal length	NL	Nominal length
*	+3 mm with side stabiliser			Y	Drawer back	X	Front thickness
						Y	Drawer back
						*	Additional +2 mm with POSISTOP

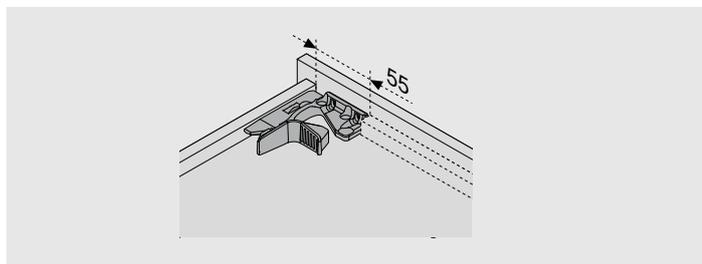
Drawer assembly



Use drilling template T65.1000.02



Use drilling template T65.1000.02

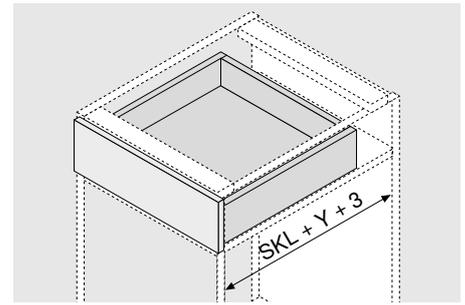


Use drilling template T65.1000.02

540H locking device feature – integrated TIP-ON



- Concealed TANDEM 7/8 extension for wooden drawers with a panel thickness of 11 to 16 mm
- For more ergonomic access
- Includes integrated TIP-ON motion technology – the mechanical opening system
- Low-friction cylindrical rollers ensure a feather-light glide
- With soft end stop when opening
- Tool-free height adjustment via locking device (with T51.1700.04)
- Built-in width and depth tolerance compensation



Drawer depth (SKL) mm	Y mm
300	25
350	25
400	35
450	35
500	30

Ordering information

1	Runners left/right		
	Drawer depth SKL mm	Nominal length NL mm	Load bearing capacity 25 kg
	300	325	540H3000T
	350	375	540H3500T
	400	435	540H4000T
	450	485	540H4500T
	500	530	540H5000T
Integrated TIP-ON			

2	Locking device left/right	
	Nylon/zinc orange	T51.1700.04
	With height adjustment	
	Order left and right	

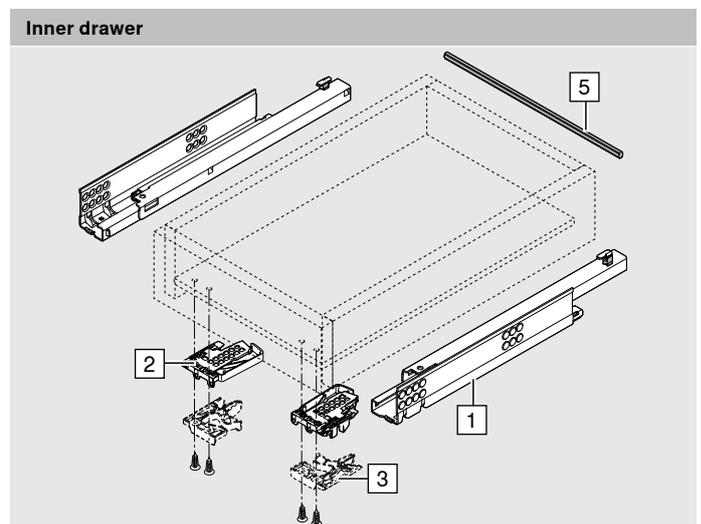
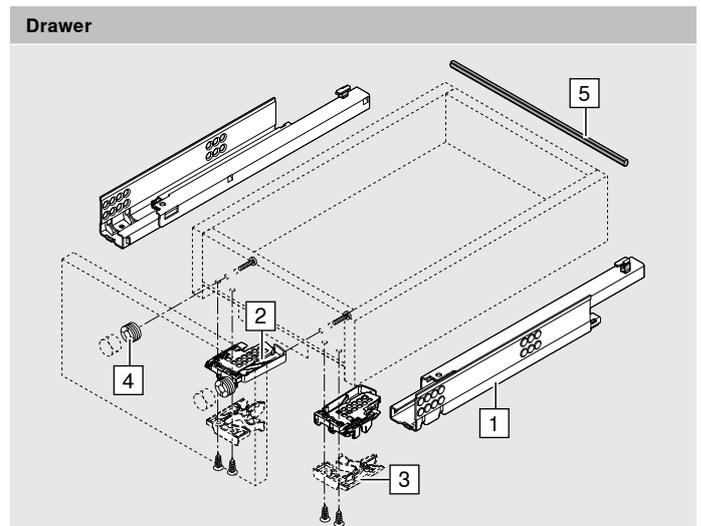
Alternative to 2

3	One-part locking device left/right	
	Nylon R7035 light grey	T51.1400
	Order left and right	

5	TIP-ON synchronisation linkage		
	Cabinet width KB (mm)	Version	
	Up to 1200	Profile linkage	T57.1140S
	For cutting to size We recommend the use of a synchronisation linkage for every cabinet width Cutting dimensions: Internal cabinet width LW – 31 mm		

Accessories

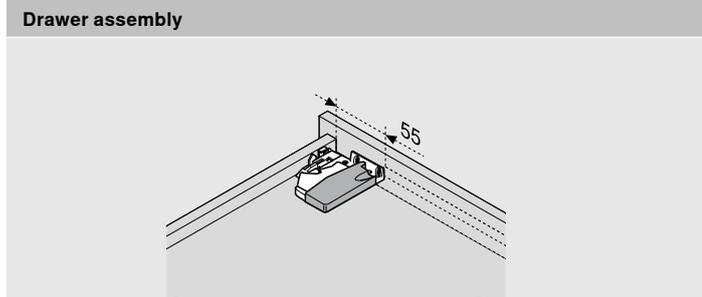
4	Front adjustment bracket	
	Nylon natural	295.1000



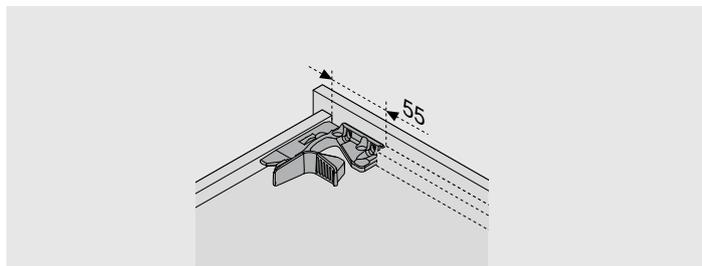
540H locking device feature – integrated TIP-ON

Planning

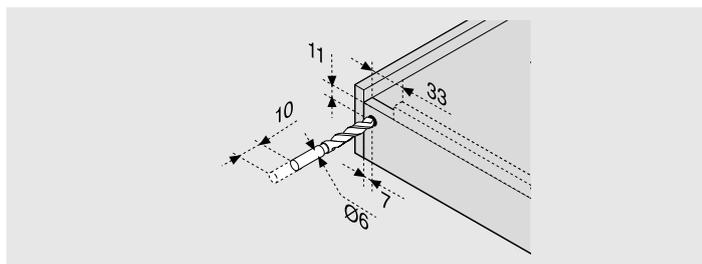
Space requirements in the cabinet		Drawer/inner drawer		Drawer		Inner drawer	
A	3 mm distance to interchange with full extension	SKW	Internal drawer width	SKL	Drawer depth	ISKL	Inner drawer length
		LW	Internal cabinet width	NL	Nominal length	NL	Nominal length
				Y	Drawer back	X	Front thickness
						Y	Drawer back



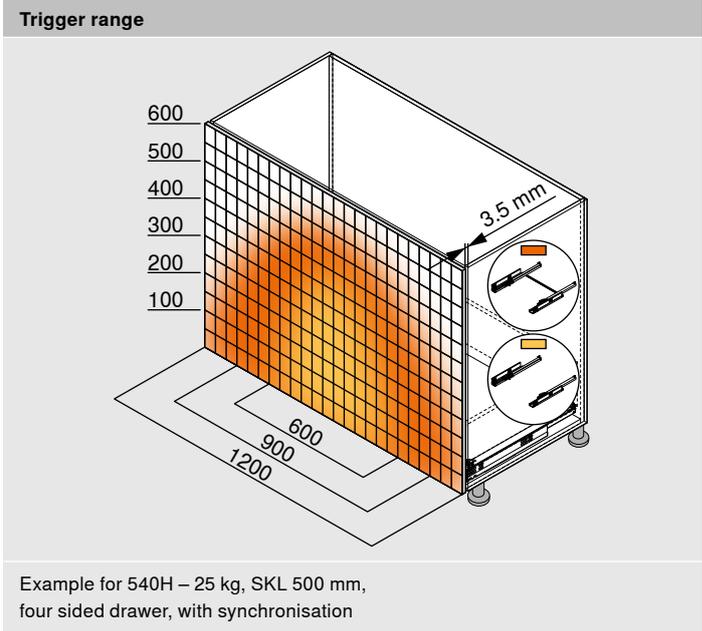
Use drilling template T65.1000.02



Use drilling template T65.1000.02



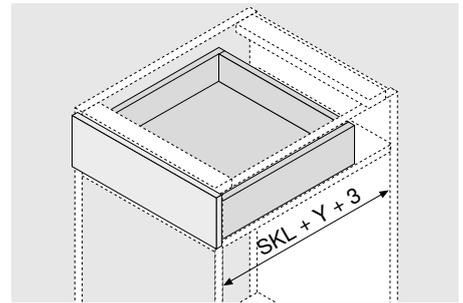
Use drilling template T65.1000.02



### 541H hook and peg feature – BLUMOTION



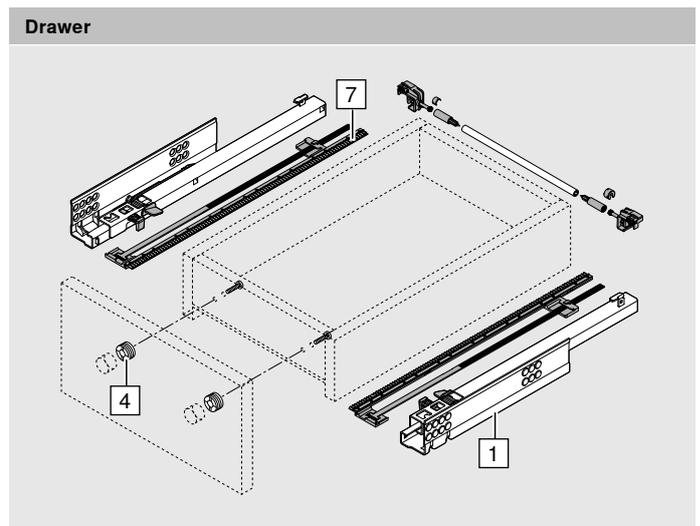
- Concealed TANDEM 7/8 extension for wooden drawers with a panel thickness of 11 to 16 mm
- For more ergonomic access
- Includes integrated BLUMOTION motion technology for soft and effortless closing
- Low-friction cylindrical rollers ensure a feather-light glide
- With soft end stop when opening
- Lift-off stop and height adjustment integrated into the runner system



Drawer depth (SKL) mm	Y mm
300	25
350	25
400	35
450	35
500	30

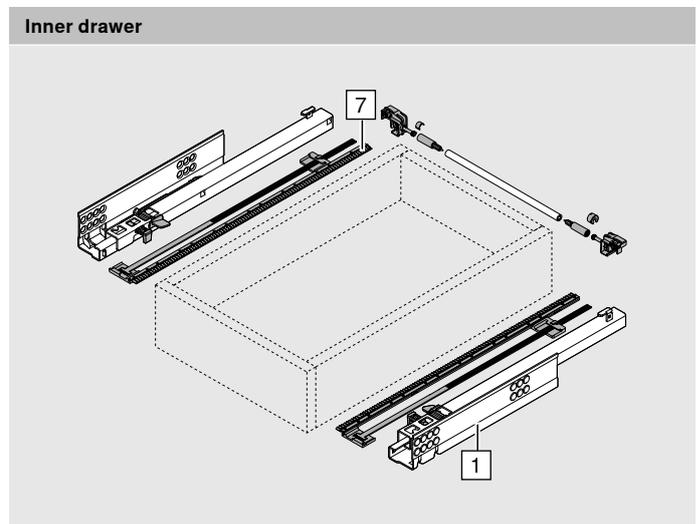
### Ordering information

1	Runners left/right		
	Drawer depth SKL mm	Nominal length NL mm	Load bearing capacity 25 kg
	300	325	<b>541H3001B</b>
	350	375	<b>541H3501B</b>
	400	435	<b>541H4001B</b>
	450	485	<b>541H4501B</b>
	500	530	<b>541H5001B</b>
Integrated BLUMOTION			



### Accessories

4	Front adjustment bracket	
	Nylon natural	<b>295.1000</b>



7	Side stabiliser set for 7/8 extension	
	For cutting to size	
	Suitable for cabinet width KB 1400 mm	
	Colour: RAL 7037 dust grey	
	Material: nylon	
	Nominal length NL (mm)	
	Up to 400	<b>ZST.410TT</b>
	Up to 500	<b>ZST.650TT</b>
Cutting dimensions: Internal cabinet width LW – 222 mm		
We recommend using a side stabiliser with wide pull-outs with a short nominal length		

541H hook and peg feature – BLUMOTION

Planning

Space requirements in the cabinet	Drawer/inner drawer	Drawer	Inner drawer
<p>A 3 mm distance to interchange with full extension</p> <p>* +3 mm with side stabiliser</p>	<p>SKW Internal drawer width</p> <p>LW Internal cabinet width</p>	<p>SKL Drawer depth</p> <p>NL Nominal length</p> <p>Y Drawer back</p>	<p>ISKL Inner drawer length</p> <p>NL Nominal length</p> <p>X Front thickness</p> <p>Y Drawer back</p>

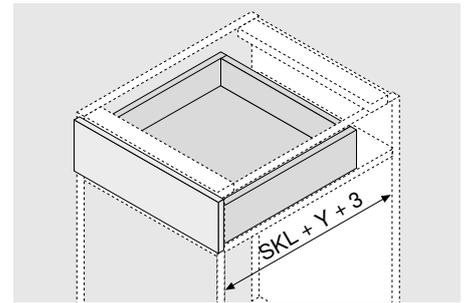
Drawer assembly	Drawer assembly
Use drilling template T65.1100	Use drilling template T65.1000.02

Drawer assembly	Drawer depth SKL (mm)	Hook X2 (mm)	Lift-off stop X1 (mm)
	300	230	250
	350	275	255
	400	300	280
	450	335	315
	500	360	380

### 541H hook and peg feature – integrated TIP-ON



- Concealed TANDEM 7/8 extension for wooden drawers with a panel thickness of 11 to 16 mm
- For more ergonomic access
- Includes integrated TIP-ON motion technology – the mechanical opening system
- Low-friction cylindrical rollers ensure a feather-light glide
- With soft end stop when opening
- Lift-off stop and height adjustment integrated into the runner system



Drawer depth (SKL) mm	Y mm
300	25
350	25
400	35
450	35
500	30

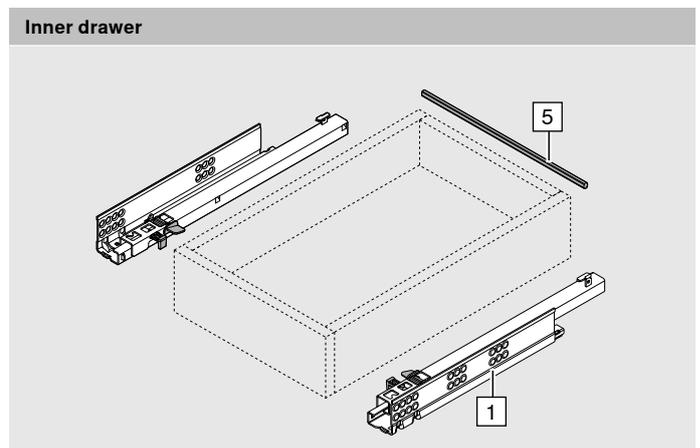
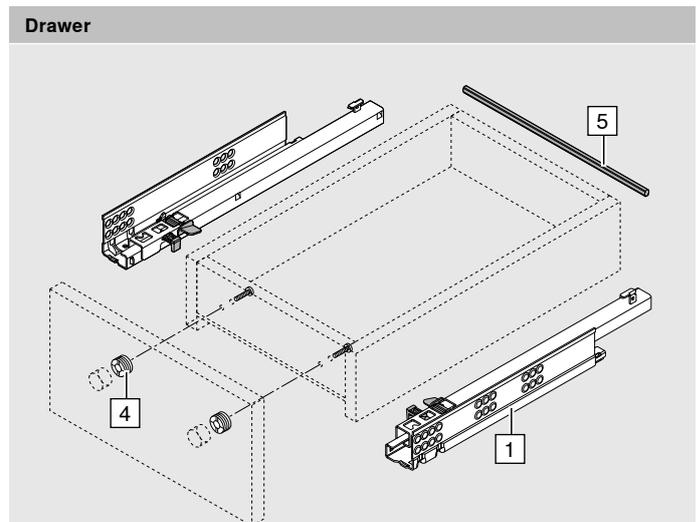
### Ordering information

1	Runners left/right		
	Drawer depth SKL mm	Nominal length NL mm	Load bearing capacity 25 kg
	300	325	<b>541H3001T</b>
	350	375	<b>541H3501T</b>
	400	435	<b>541H4001T</b>
	450	485	<b>541H4501T</b>
	500	530	<b>541H5001T</b>
Integrated TIP-ON			

5	TIP-ON synchronisation linkage		
	Cabinet width KB (mm)	Version	
	Up to 1200	Profile linkage	<b>T57.1140S</b>
For cutting to size We recommend the use of a synchronisation linkage for every cabinet width Cutting dimensions: Internal cabinet width LW – 31 mm			

### Accessories

4	Front adjustment bracket	
	Nylon natural	<b>295.1000</b>



541H hook and peg feature – integrated TIP-ON

Planning

Space requirements in the cabinet		Drawer/inner drawer		Drawer		Inner drawer	
A	3 mm distance to interchange with full extension	SKW	Internal drawer width	SKL	Drawer depth	ISKL	Inner drawer length
		LW	Internal cabinet width	NL	Nominal length	NL	Nominal length
				Y	Drawer back	X	Front thickness
						Y	Drawer back

**Drawer assembly**

Use drilling template T65.1100

Use drilling template T65.1000.02

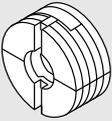
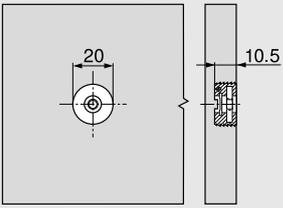
**Drawer assembly**

Drawer depth SKL (mm)	Hook X2 (mm)	Lift-off stop X1 (mm)
300	230	250
350	275	255
400	300	280
450	335	315
500	360	380

**Trigger range**

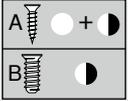
Example for 541H – 25 kg, SKL 500 mm, four sided drawer, with synchronisation

## Accessories

Front adjustment bracket		Insertion ram for MINIPRESS	
	With pre-mounted steel washer		<b>MZM.0095</b>
	For four sided drawers		
	2-dimensional front adjustment (± 2 mm)		
	Material: nylon		
	Colour: Natural		
POSISTOP		Back fixing bracket for pull-out shelf	
	Material: nylon		Colour: Natural
	Colour: RAL 7037 dust grey		Material: nylon
	Depth stop		
	Can only be combined with locking device T51.1700.04 Only for inset applications		
Side stabiliser set for 7/8 extension			
	For cutting to size	Nominal length NL (mm)	
	Suitable for cabinet width KB 1400 mm	Up to 400	<b>ZST.410TT</b>
	Colour: RAL 7037 dust grey	Up to 500	<b>ZST.650TT</b>
	Material: nylon	Cutting dimensions:	
	We recommend using a side stabiliser with wide pull-outs with a short nominal length	Internal cabinet width LW – 222 mm	

### Fixing of runners 540H/541H

#### Runner 540H – 25 kg

NL	19*	37	147	165	261	284	
300–450	●	●	●	●	●	●	
500	●	●			●	●	

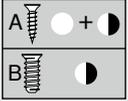
NL Nominal length

SKL Drawer depth

A Chipboard screw Ø 4 x 15 mm

\* System screws, part number 661.1450.HG  
Can be replaced with chipboard screw Ø 4 x 15 mm

#### Runner 541H – 25 kg

NL	19*	37	147	165	261	284	
300–450	●	●	●	●	●	●	
500	●	●			●	●	

NL Nominal length

SKL Drawer depth

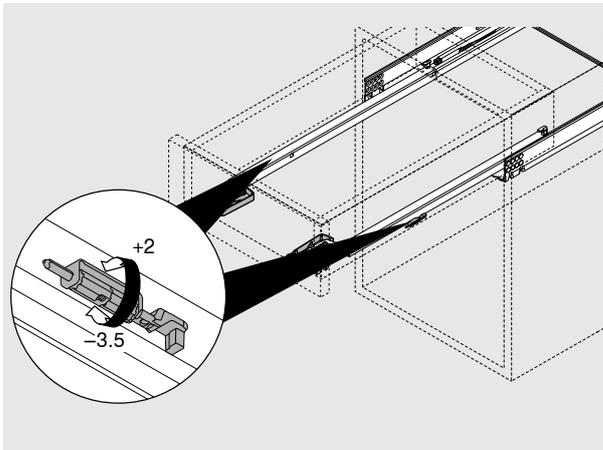
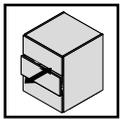
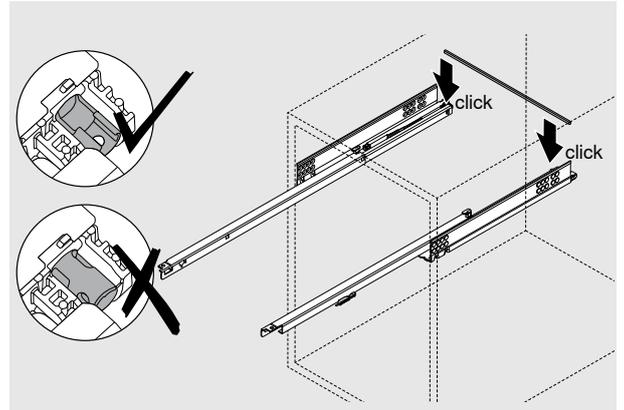
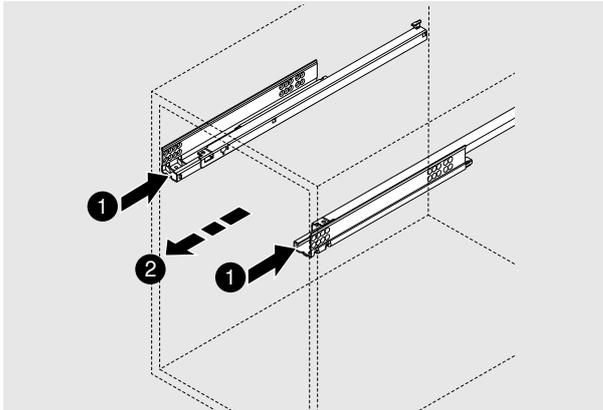
A Chipboard screw Ø 4 x 15 mm

\* System screws, part number 661.1450.HG  
Can be replaced with chipboard screw Ø 4 x 15 mm

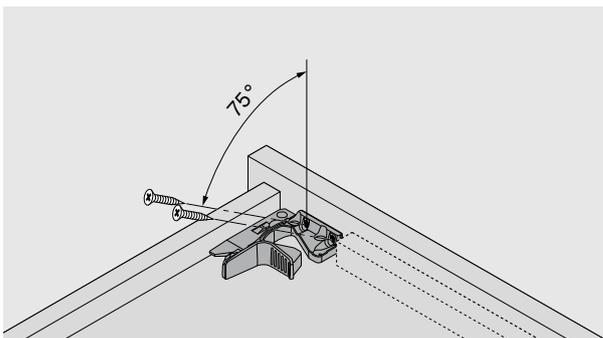
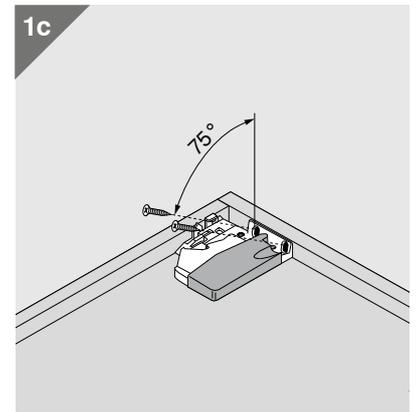
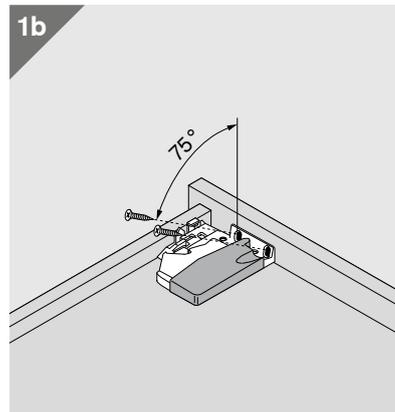
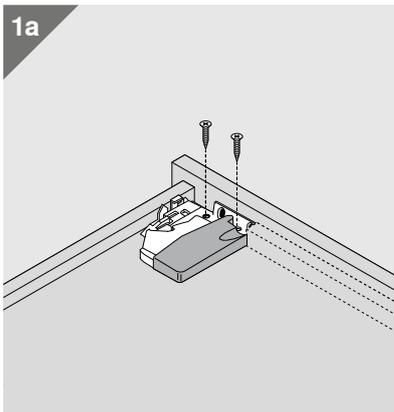
Assembly

**540H**  
**541H**

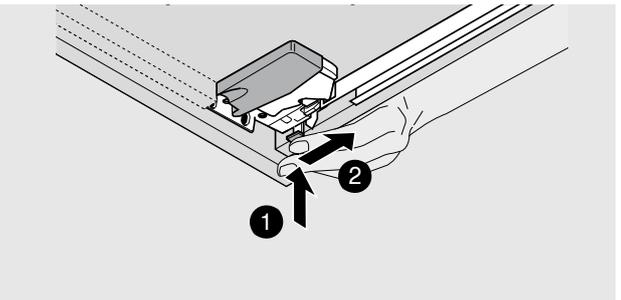
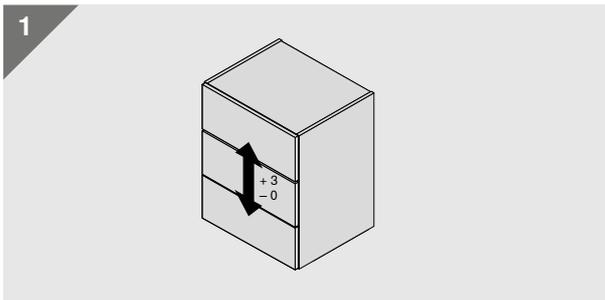
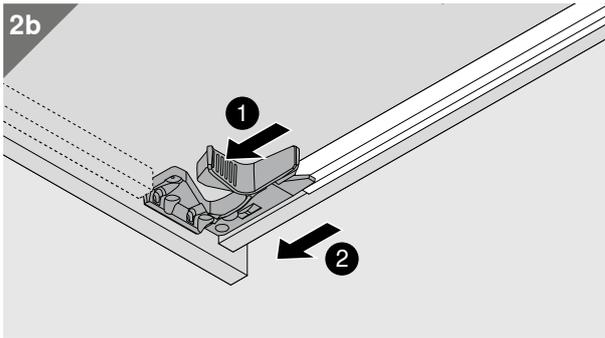
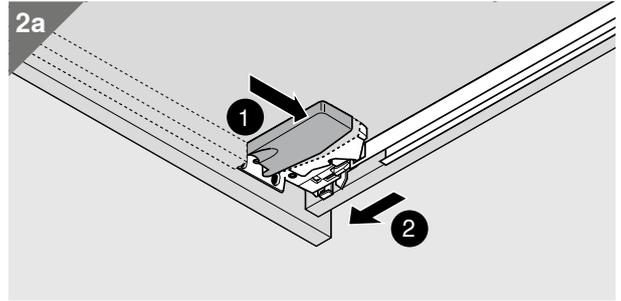
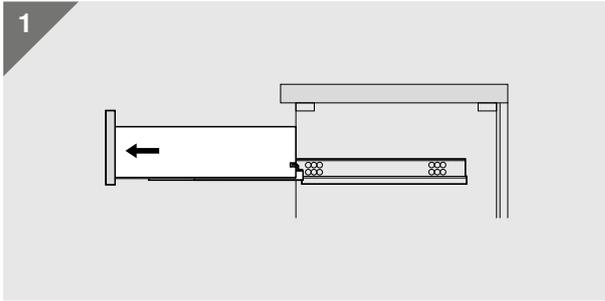
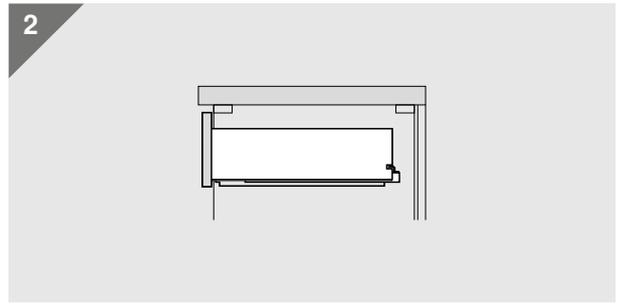
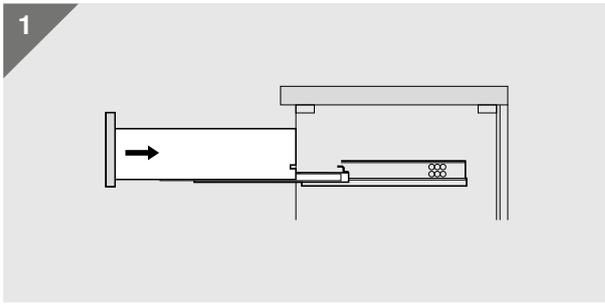
TIP-ON  
by Blum



**540H**

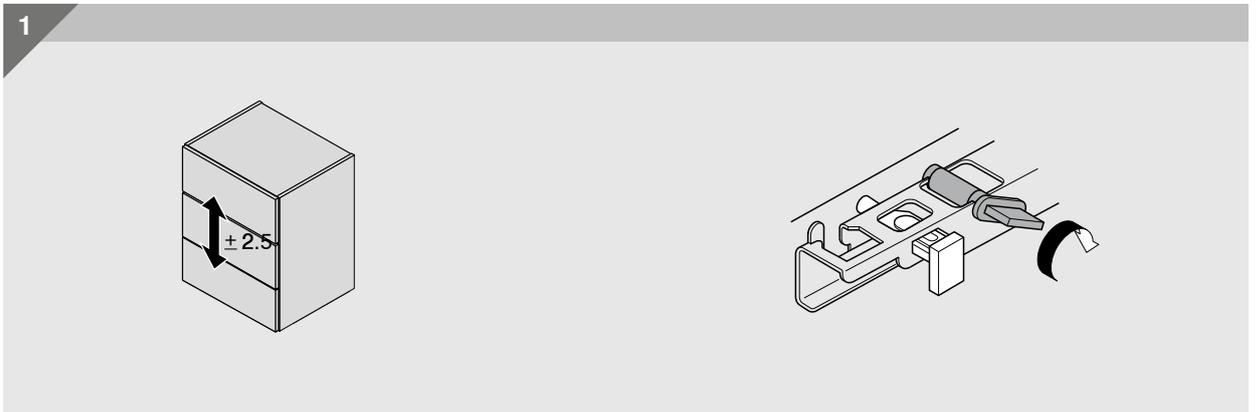
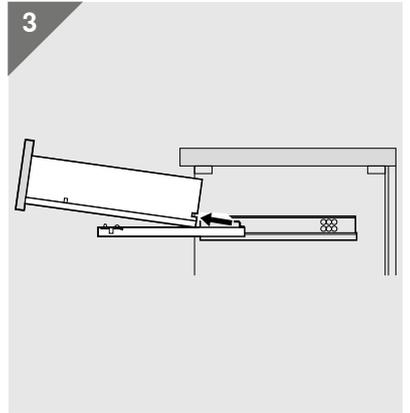
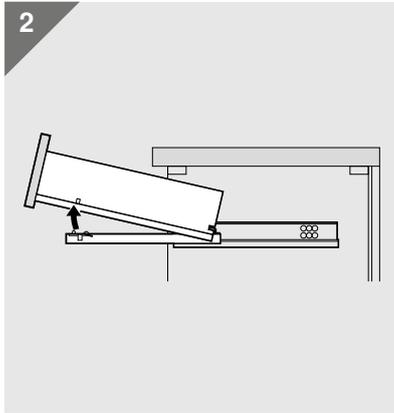
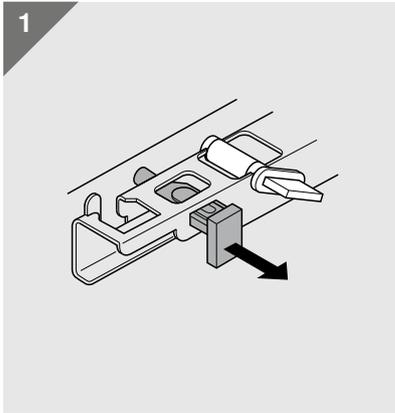
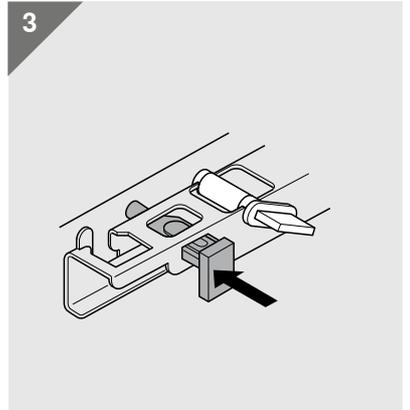
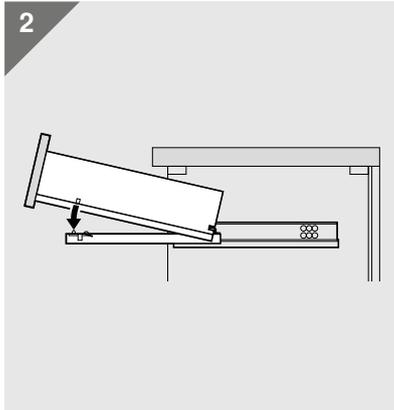
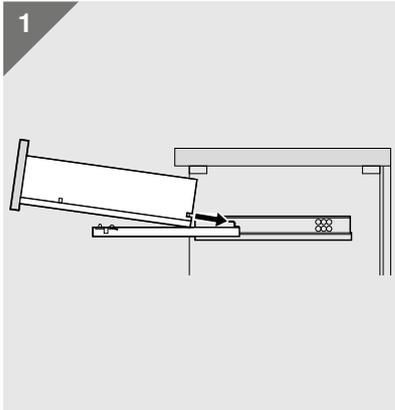


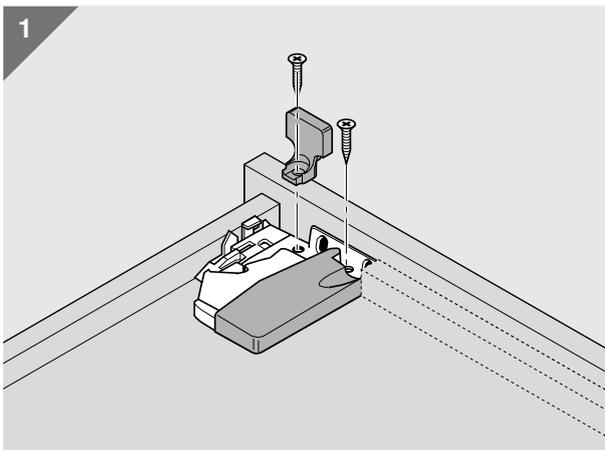
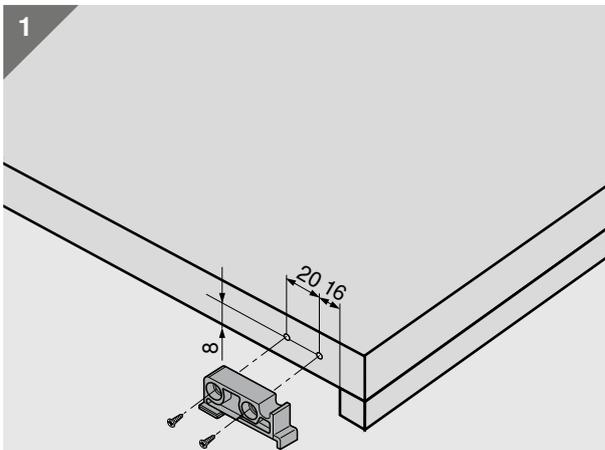
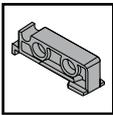
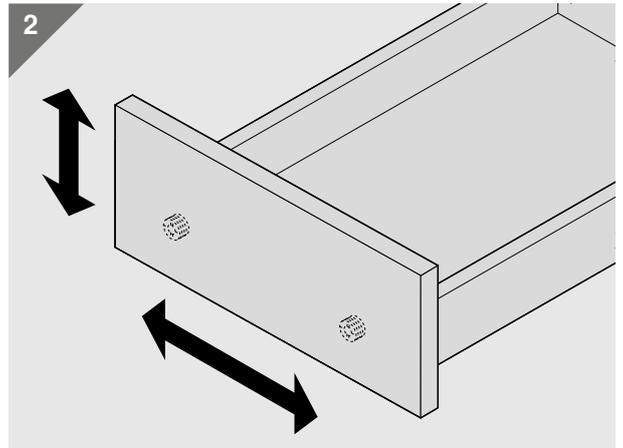
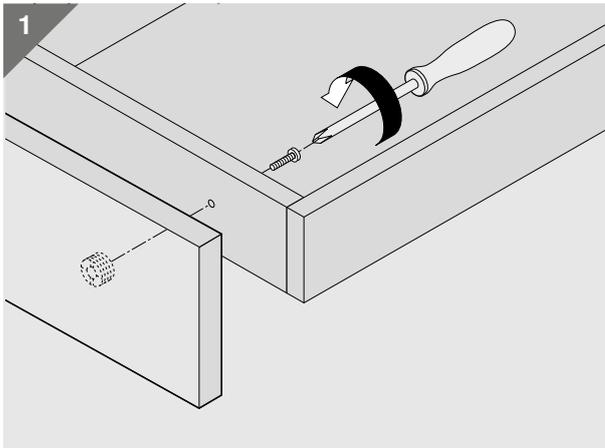
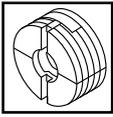
Assembly



Assembly

541H





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System



**ISO 14001**  
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System



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