

# SPACE STEP

Taking Storage to New Heights





# An Innovative Combination

Transform previously unused toe kick space with SPACE STEP. This innovative solution not only enhances storage possibilities, but also serves as a discreet step. Whether gaining access to high cabinets or using as a convenient seat to put on shoes, the potential is limitless.

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# Utilize Every Inch

Sneak more storage options into available space with SPACE STEP.  
Not only will this clever concept give you easier access to tall cabinets,  
it also creates another layer of available storage space.







### Versatility in Application

Made to fit a variety of applications, SPACE STEP can be used in three different toe kick designs. It's also fully customizable, ranging from 150 mm (5-7/8") to a maximum of 250 mm (9-13/16") in height.



Recessed toe kick



Recessed low  
toe kick



Flush toe kick



# Providing Easy Access

With SPACE STEP, even tall wall cabinets are within easy reach. The built-in step allows you to reach storage items in high cabinets while eliminating the need for a step stool.



## Combining Applications

When combined with other Blum solutions, such as AVENTOS, SPACE STEP becomes even more functional. Since AVENTOS lift systems move doors up and out of the way, users have full freedom of movement and easier access to the highest shelves while using SPACE STEP.



## Systematic Design

Planning a SPACE STEP into a SPACE TOWER pantry unit creates extra storage under the step and also allows users to see and reach the top shelf of the unit.







# Ease of Use

SPACE STEP is integrated with Blum's soft-close BLUMOTION technology so the drawer closes softly and effortlessly each time. For added user convenience, combine SPACE STEP with TIP-ON BLUMOTION or SERVO-DRIVE for a touch-to-open experience.



Each of our motion technologies can be used individually, and each has its own special strengths.





**SERVO-DRIVE**

by Blum

**TIP-ON  
BLUMOTION**

by Blum

**BLUMOTION**

by Blum

**Functional Convenience**

SERVO-DRIVE is Blum's electrical motion support system that allows cabinets to open with a single touch anywhere on the front. Blum also offers this technology in a mechanical option called TIP-ON BLUMOTION. With these added features, cabinets still close softly with BLUMOTION.







# Prioritizing Safety

SPACE STEP was designed with safety in mind. The toe kick solution provides a sturdy platform that is firmly held in place by a special anti-slip system.



## Anti-slip System

Activated by a weight of 18 pounds, the anti-slip system securely locks the SPACE STEP in position when extended. The step surface can support a maximum load of 330 pounds when constructed properly.

## New Bathroom Designs

Wide or narrow, high or low, color-coordinated or not – introduce accents and personality with SPACE STEP.



# Enhanced Convenience

Planning SPACE STEP into applications throughout the home provides homeowners easy access to their items where they didn't even realize they would need it. Now that's attentive service.

## Universal in Application

For kitchens, bathrooms, living rooms and other living areas – SPACE STEP improves quality of living throughout the home. The toe kick solution also has diverse applications in the commercial sector.

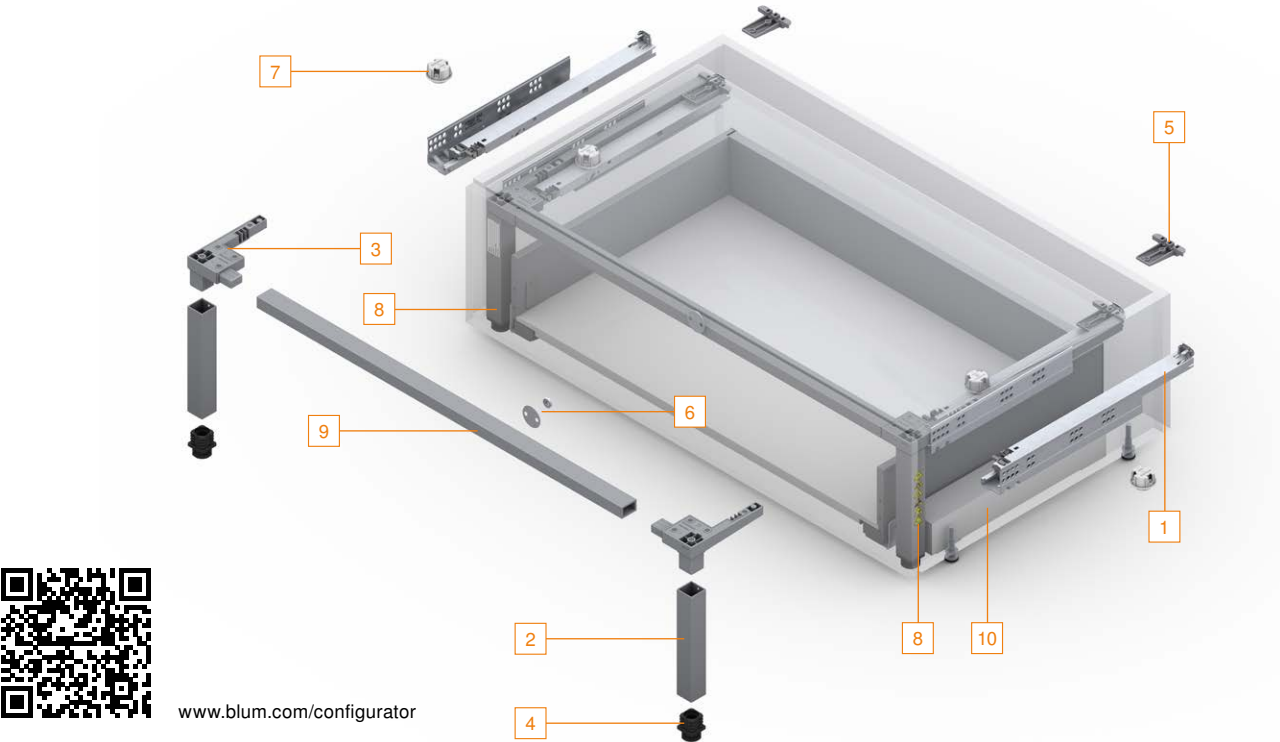








Ordering Information



[www.blum.com/configurator](http://www.blum.com/configurator)

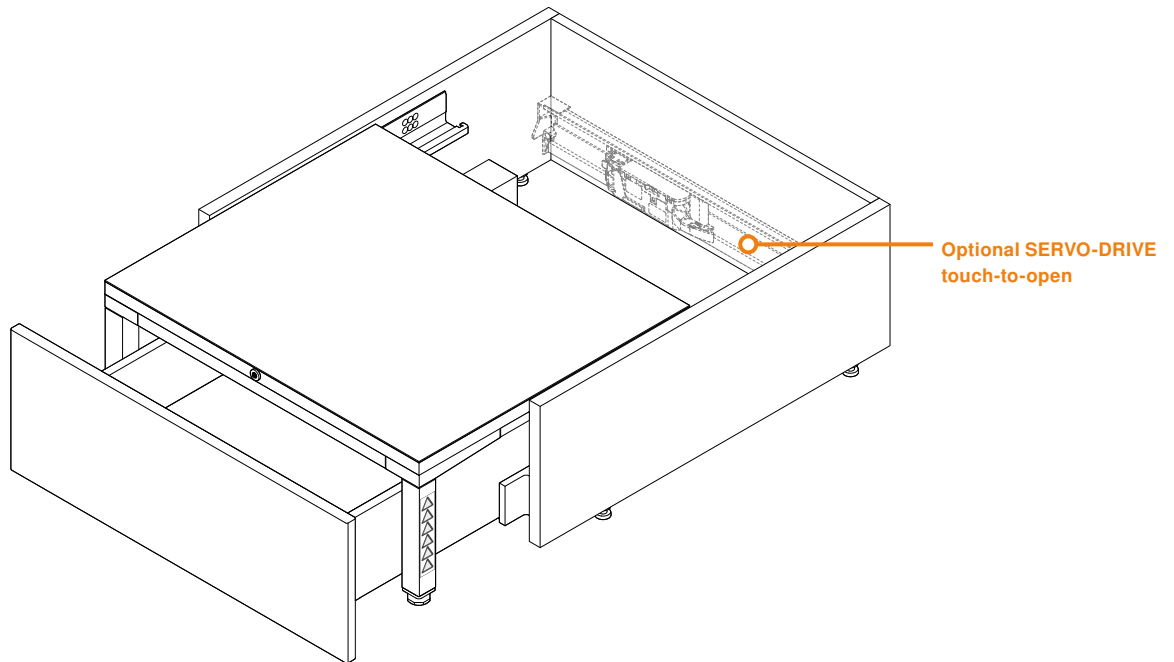
SPACE STEP set	
<b>Consisting of:</b> <ul style="list-style-type: none"> <li>1 2 x TANDEM 561Hxxx1B95 left/right</li> <li>2 2 x vertical support</li> <li>3 2 x corner connector</li> <li>4 2 x support foot</li> <li>5 2 x rear panel bracket</li> <li>6 1 x front connector set (magnet and catch plate)</li> <li>7 4 x spring bumper*</li> <li>8 2 x sticker (safety information and manufacturer information)</li> <li>14 x flat head screw (4 mm x 15 mm)</li> <li>1 x installation instructions</li> </ul>	
* Recommendation: For outside cabinet widths greater than 900 mm (35-7/16"), we recommend using all four spring bumpers	
SPACE STEP set for 425 mm (16-3/4") length step	Part no. Z95.4100
SPACE STEP set for 475 mm (18-11/16") length step	Part no. Z95.4600

9 Horizontal aluminum profile	
	Cutting dimensions: Inside cabinet width - 130 mm (5-1/8") Recommendation: Outside cabinet width 1200 mm (47-1/4"), use 2 pieces to prevent excessive bending
	Part no. For cutting to size <b>Z95Q1040A</b>

10 Cabinet profile/Runner spacer (recommended)	
	For mounting the runners, suitable for all Blum box and runner systems Two required per drawer
	Part no. Non-handed spacer <b>Z95D4100</b>



## Ordering Information



*i*

### Notes

**Maximum load:** 330 lb - As the manufacturer, you are responsible for determining the actual load capacity of your cabinet with integrated SPACE STEP as per EN-14183.

**Possible cabinet heights:** The possible cabinet heights for the SPACE STEP are 150 mm (5-7/8") - 250 mm (9-13/16")

**Material recommendation:** A 3-layer board (3S) or equivalent multi-layer core material at least 21 mm (13/16") thick is recommended for the toe kick step.

**Step surface recommendation:** The step surface must be anti-slip. This can take the form of an anti-slip mat directly applied to the step surface or by using anti-slip panel material.

**Attaching the labels:** EN-14183 requires both of the labels enclosed to be clearly displayed.

**Drawer underneath SPACE STEP:** Only standard duty Blum runners or box systems may be used. The dynamic load capacity for the drawer underneath SPACE STEP is 45 lb.

**Cabinet above SPACE STEP:** If storage items are kept on the cabinet base above SPACE STEP, we recommend preventing the base from bowing or sagging. This will help ensure that SPACE STEP doesn't rub against the cabinet base.

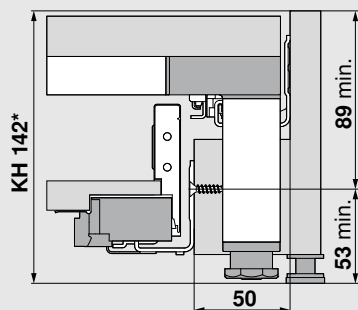
**TIP-ON BLUMOTION:** When using TIP-ON BLUMOTION, we recommend the use of the heavy duty (L5) unit.



## Planning

### LEGRABOX – N Height

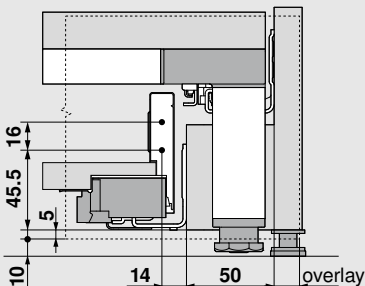
#### Space requirements in the cabinet



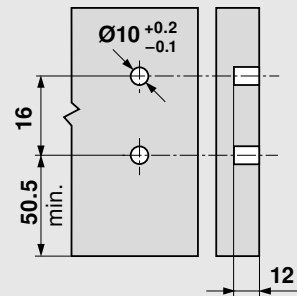
\* When using the Blum cabinet profile/runner spacer cabinet height 148 mm (5-13/16") min.

Outside cabinet width 400 mm (15-3/4") min.

#### Front dimensions for screw-on assembly

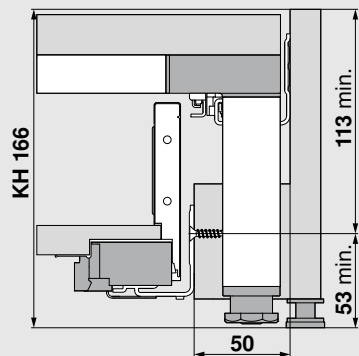


#### Front drilling distances for EXPANDO



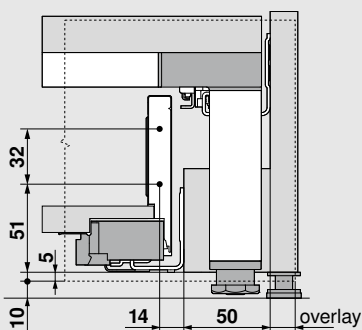
### LEGRABOX – M Height

#### Space requirements in the cabinet

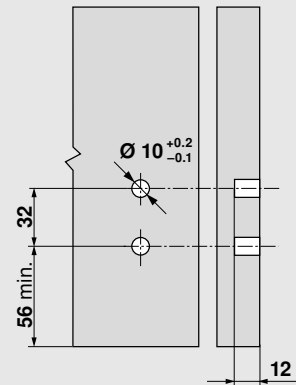


Outside cabinet width 400 mm (15-3/4") min.

#### Front dimensions for screw-on assembly

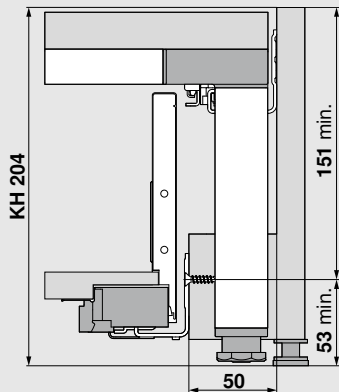


#### Front drilling distances for EXPANDO



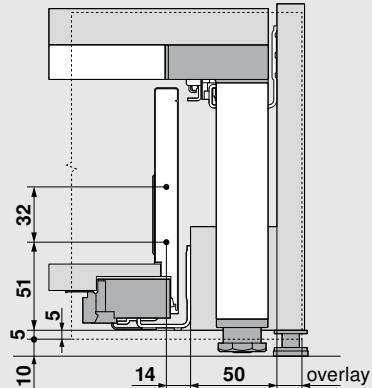
### LEGRABOX – K Height

#### Space requirements in the cabinet

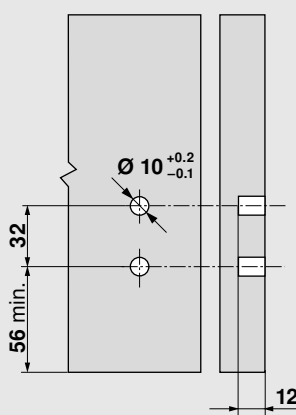


Outside cabinet width 400 mm (15-3/4") min.

#### Front dimensions for screw-on assembly



#### Front drilling distances for EXPANDO



KH = Cabinet height

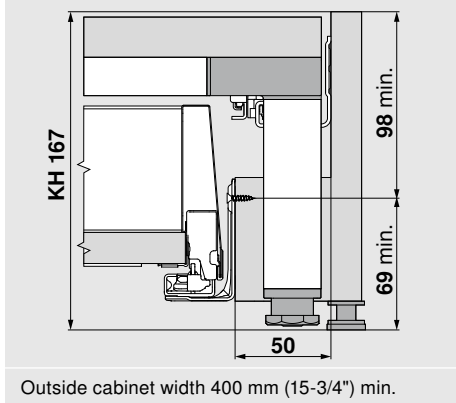
Installation dimensions with a step thickness of at least 21 mm (13/16") – without anti-slip mat



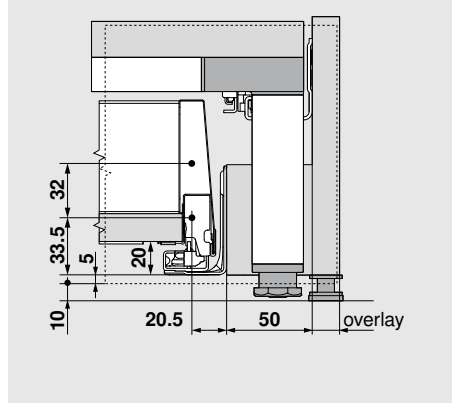
## Planning

### MERIVOBOX – M Height

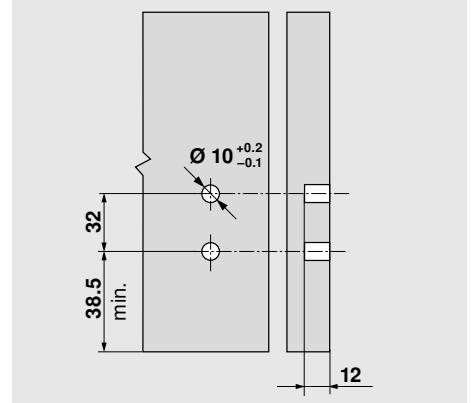
Space requirements in the cabinet



Front dimensions for screw-on assembly

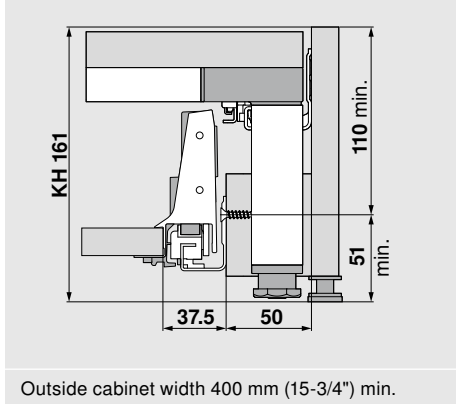


Front drilling distances for INSERTA

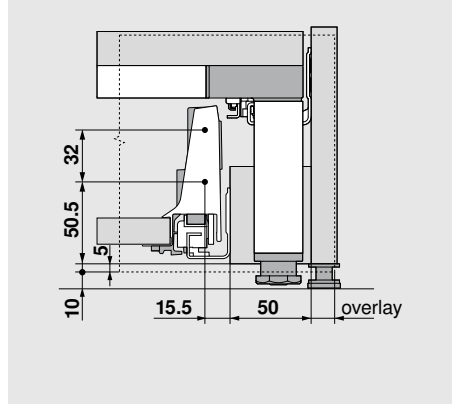


### TANDEMBOX – M Height

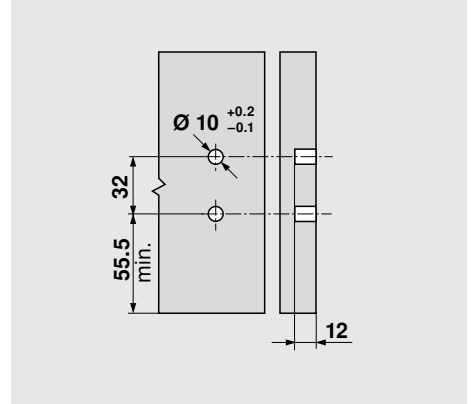
Space requirements in the cabinet



Front dimensions for screw-on assembly



Front drilling distances for INSERTA



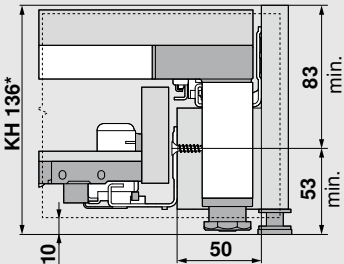
KH = Cabinet height

Installation dimensions with a step thickness of at least 21 mm (13/16") – without anti-slip mat

Planning

MOVENTO

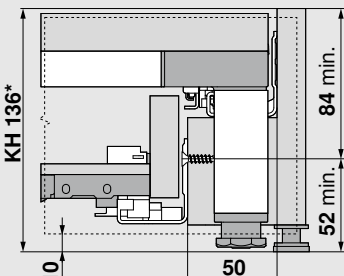
Space requirements in the cabinet



\* When using the Blum cabinet profile/runner spacer cabinet height 148 mm (5-13/16") min. Outside cabinet width 400 mm (15-3/4") min., with SERVO-DRIVE 450 mm (17- 11/16") min.

TANDEM

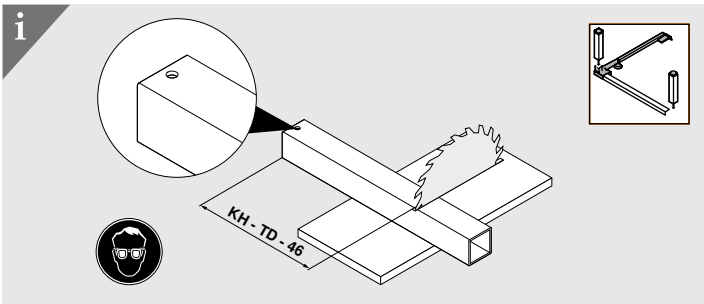
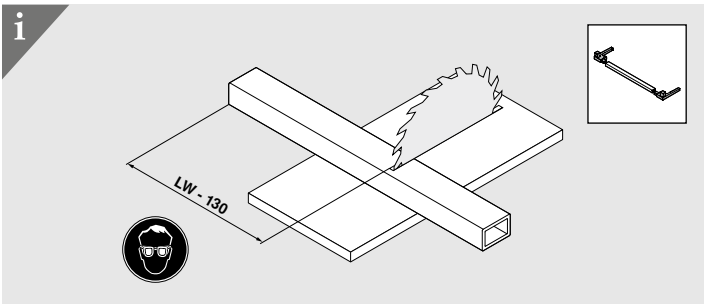
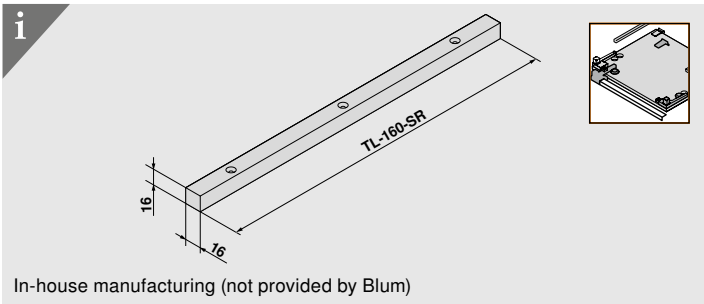
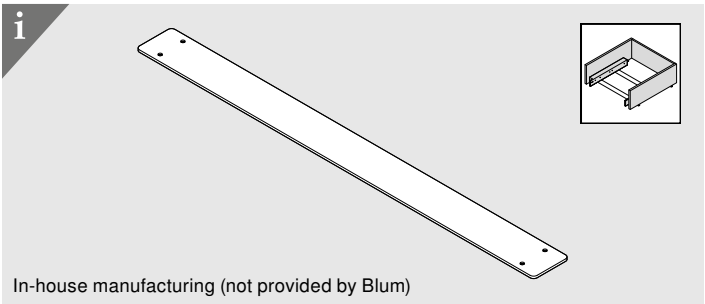
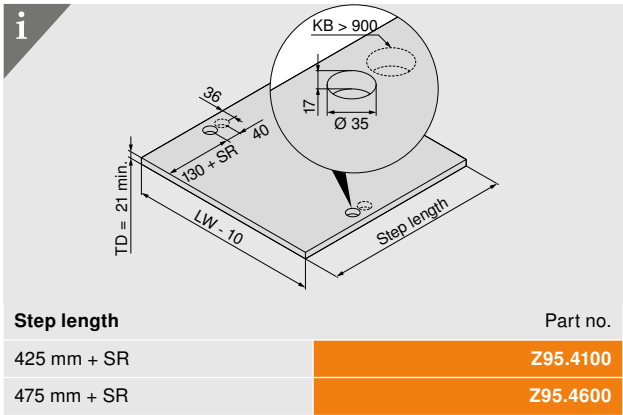
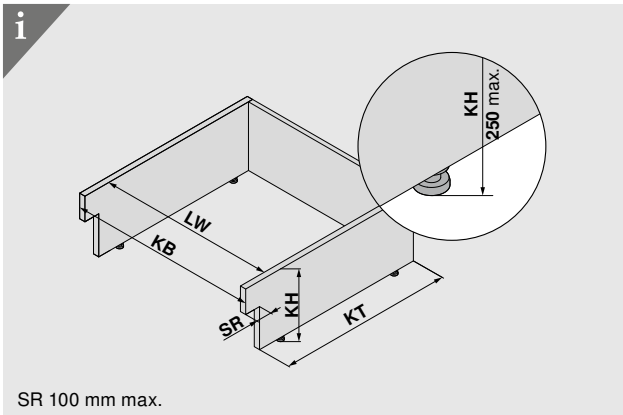
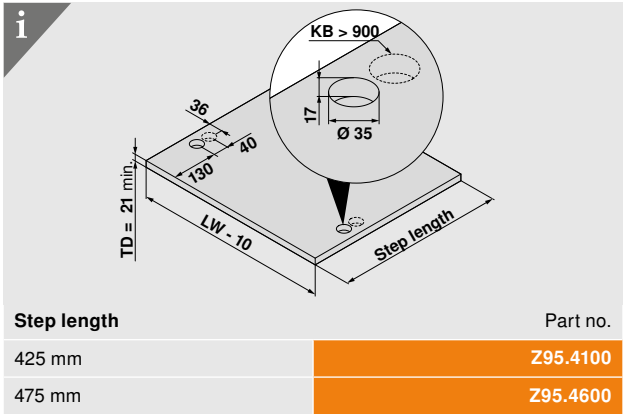
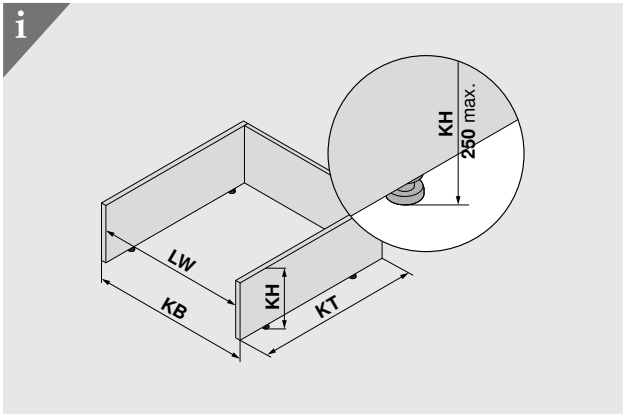
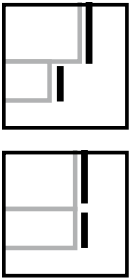
Space requirements in the cabinet



\* When using the Blum cabinet profile/runner spacer cabinet height 148 mm (5-13/16") min. Outside cabinet width 400 mm (15-3/4") min., with SERVO-DRIVE 450 mm (17-11/16") min.



Planning

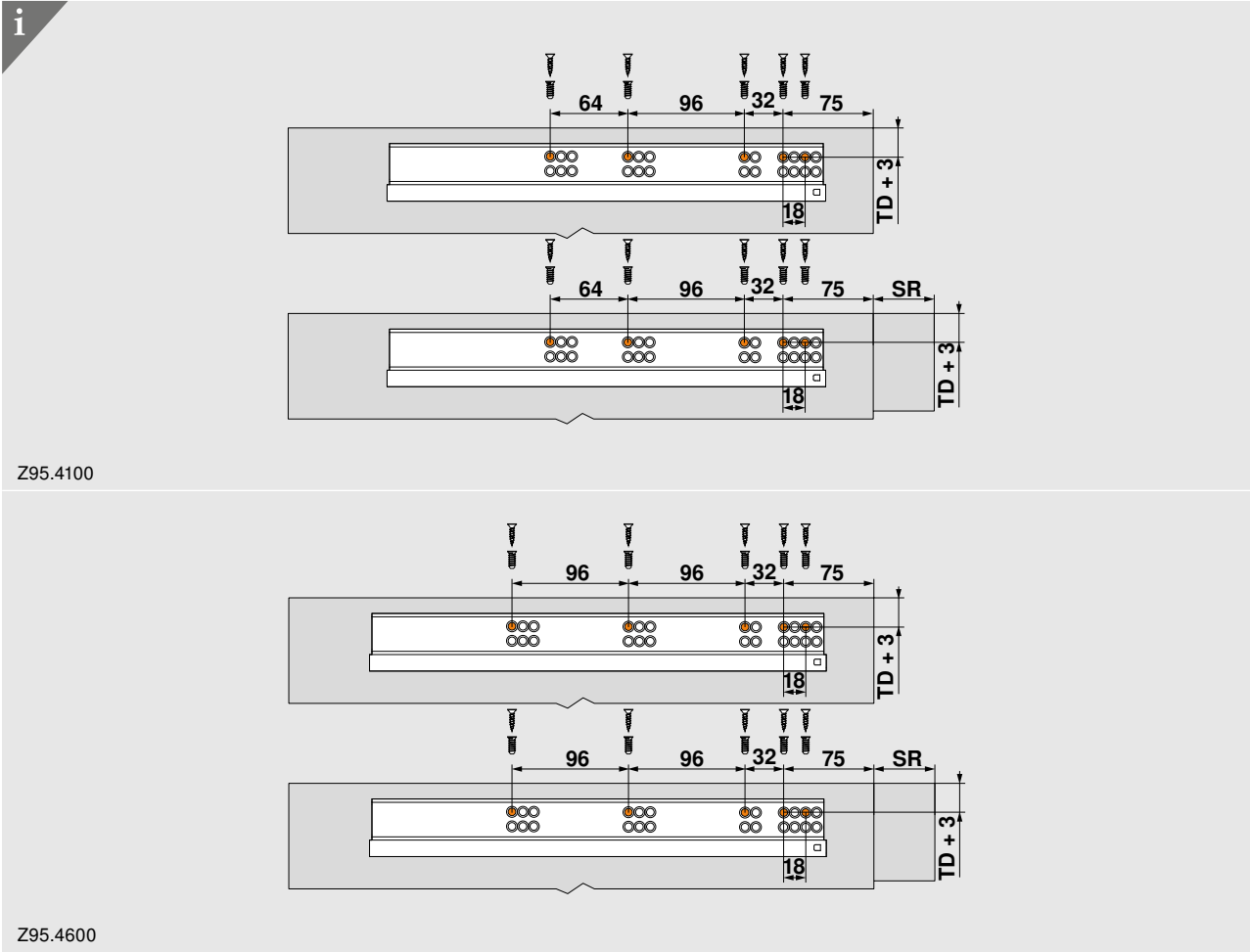
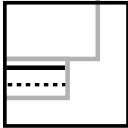


KH = Cabinet height  
KB = Outside cabinet width

KT = Cabinet depth  
LW = Inside cabinet width

SR = Toe kick recess  
TD = Step thickness (including anti-slip material)  
TL = Step length

Planning



Runner Systems

i		
Drawer Length	Part no.	
≤ 457 mm (18")	Z95.4100	
> 457 mm (18")	Z95.4600	

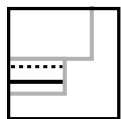
Box Systems

i		
Actual Cabinet Profile Length	Part no.	
≤ 450 mm (17-11/16")	Z95.4100	
> 450 mm (17-11/16")	Z95.4600	

ACPL = Actual cabinet profile length  
 SR = Toe kick recess  
 TD = Step thickness (including anti-slip material)



## Planning



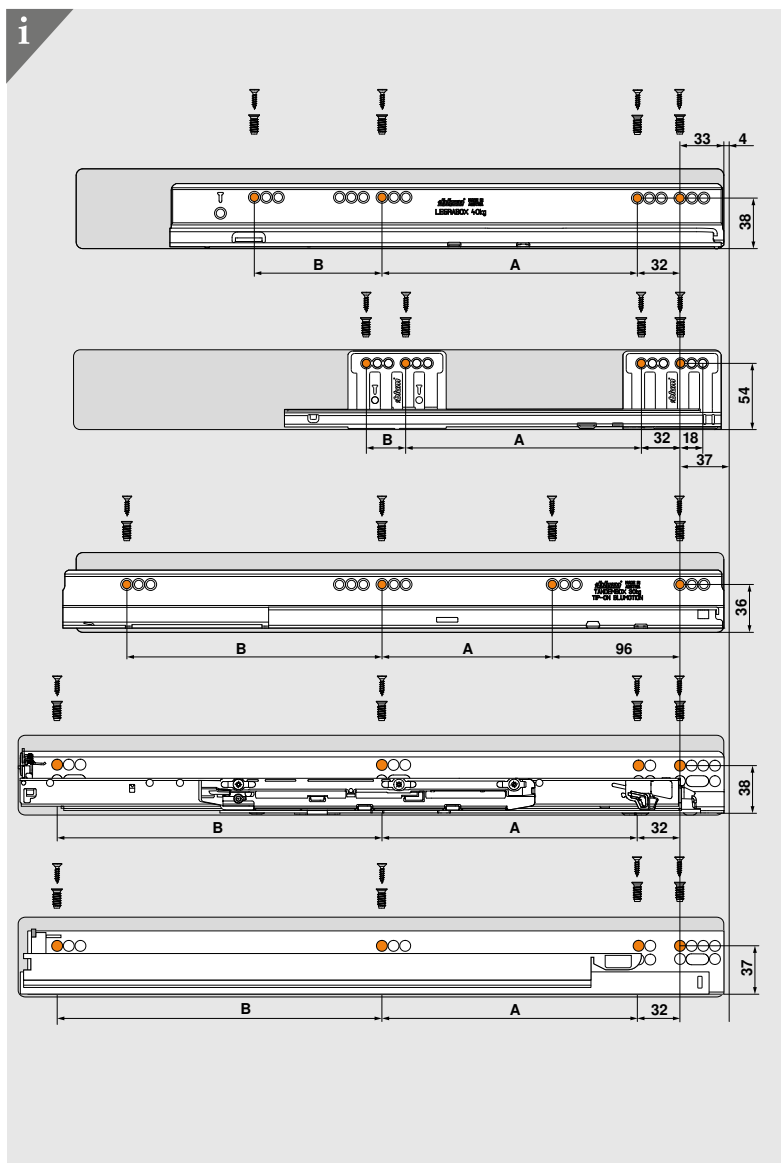
LEGRABOX

MERIVOBX

TANDEMBOX

MOVENTO

TANDEM



- For wood cabinet profile/runner spacer use wood or system screws  
 For Blum cabinet profile/runner spacer use system screws

## LEGRABOX (mm)

A	B	Part no.
192	288	750.5501S
192	224	750.5001S
192	224	750.4501S

## MERIVOBX (mm)

A	B	Part no.
192	32	450.5501B
192	32	450.5001B
192	32	450.4501B

## TANDEMBOX (mm)

A	B	Part no.
128	192	578.5501S
128	192	578.5001S
128	96	578.4501S

## MOVENTO 763 (mm)

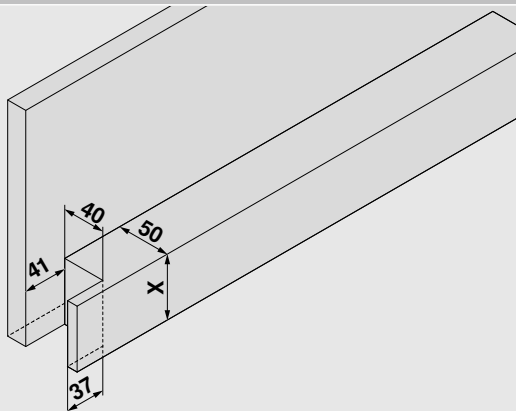
A	B (763.)	B (763H)	Part no.
192	288	448	763(.H)5330S
192	288	384	763(.H)4570S
96		288	763(.H)3810S

## TANDEM 563 (mm)

A	B (563.)	B (563H/F)	Part no.
192		448	563(.H/F)5330B
192	N/A	384	563(.H/F)4570B
96		288	563(H/F)3810B

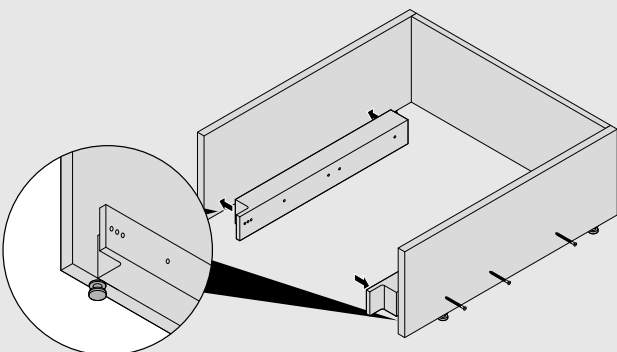
## Assembly

### Dimensions – wood cabinet profile/runner spacer

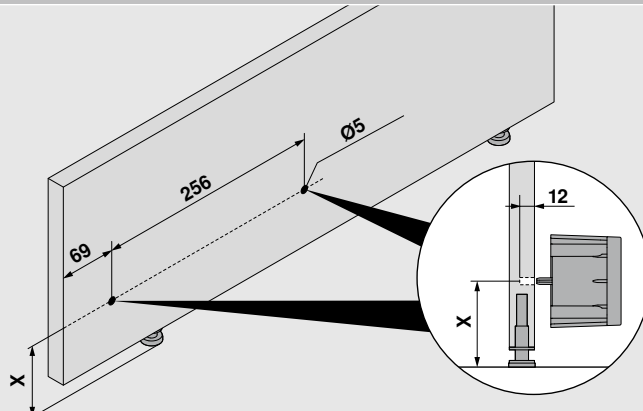


In-house manufacturing (not provided by Blum)

	X
LEGRABOX	50 mm
MERIVOBX	65 mm
TANDEMBOX	50 mm
MOVENTO   TANDEM	50 mm

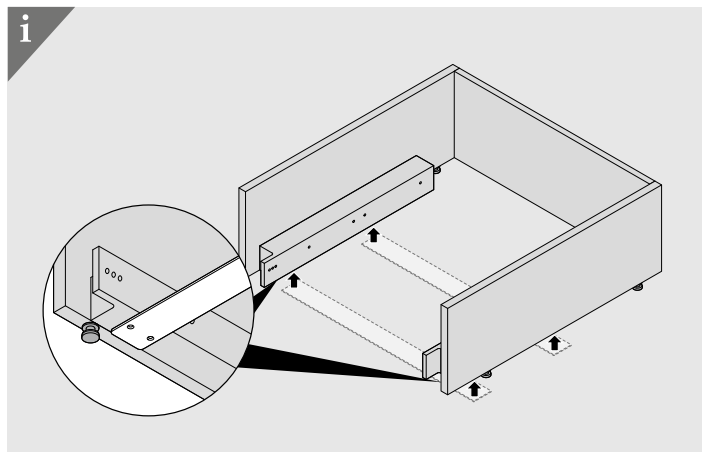
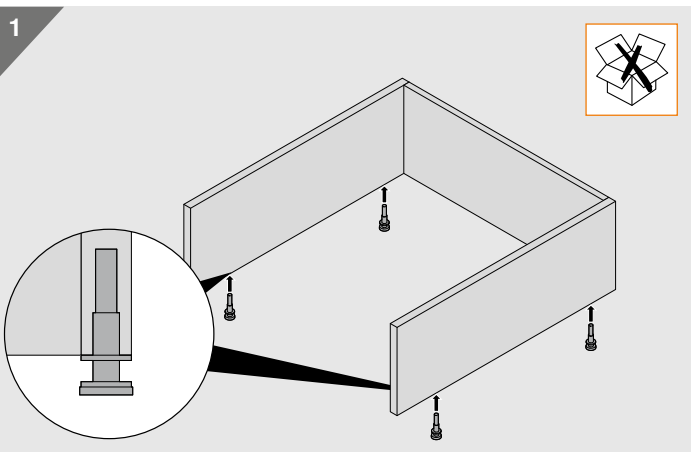
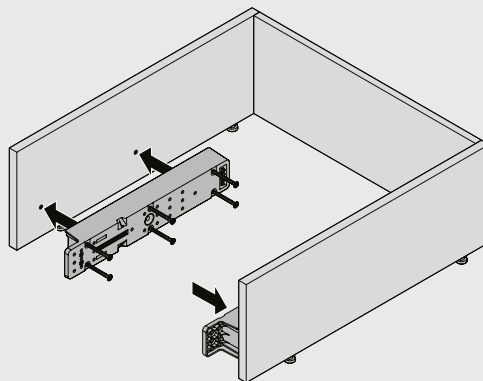


### Dimensions – Blum cabinet profile/runner spacer



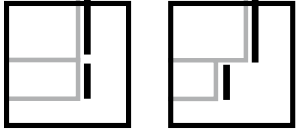
	X
LEGRABOX	53 mm
MERIVOBX	51 mm
TANDEMBOX	51 mm
MOVENTO   TANDEM	53 mm

(3.5 x 60 / 4 x 60)



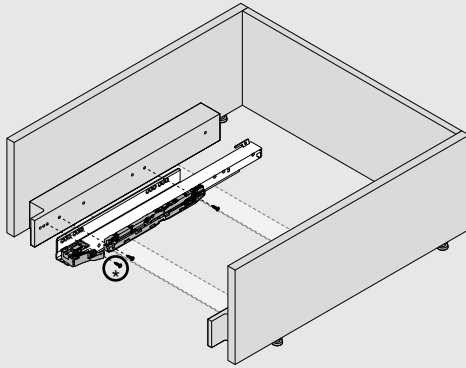


## Assembly



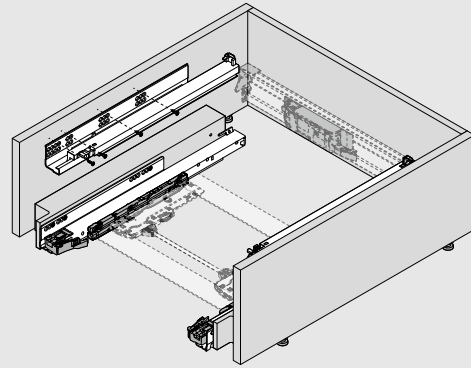
2

(3.5 x 15) \*(3.5 x 10)



3

(3.5 x 15)



SERVO-DRIVE

by Blum

\*

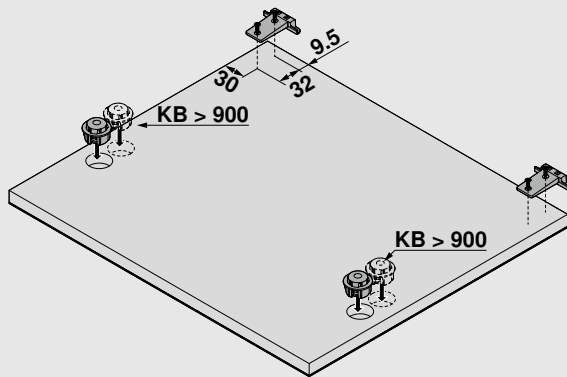
TIP-ON BLUMOTION

by Blum

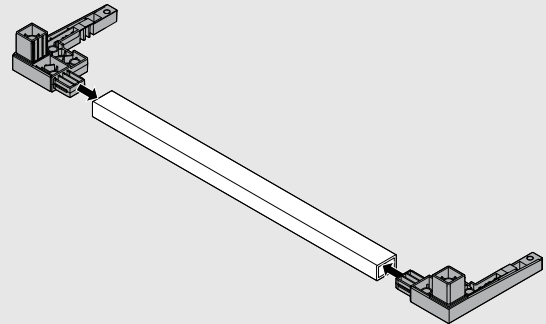
\* Recommendation: When using TIP-ON BLUMOTION, we recommend the use of a heavy duty (L5) unit

4

(4 x 15)

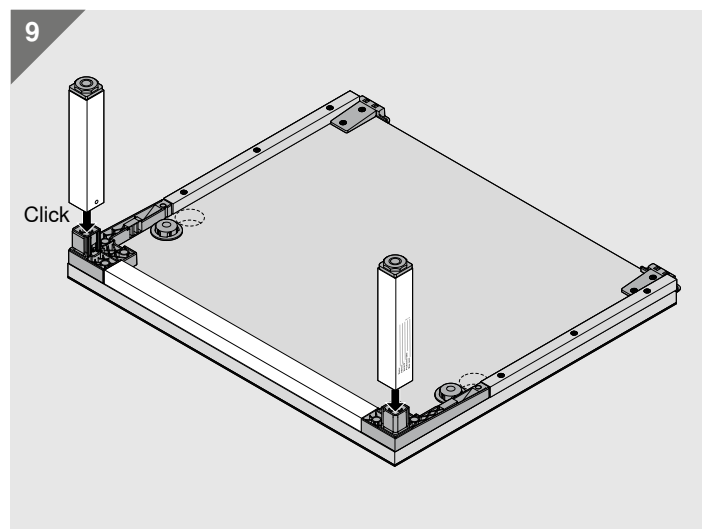
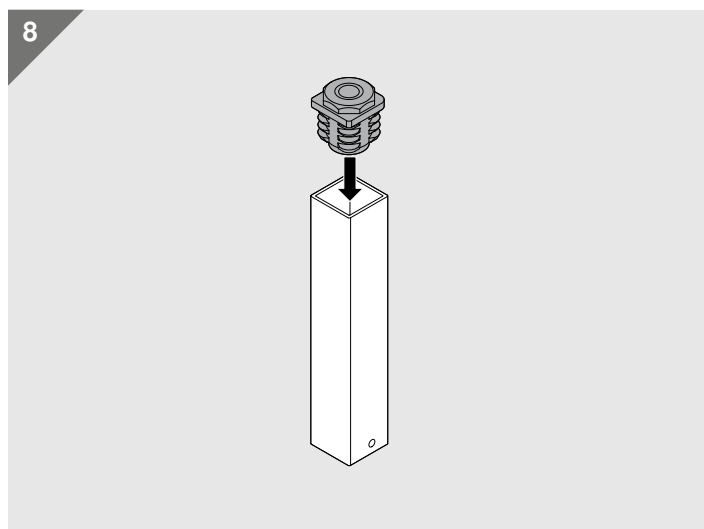
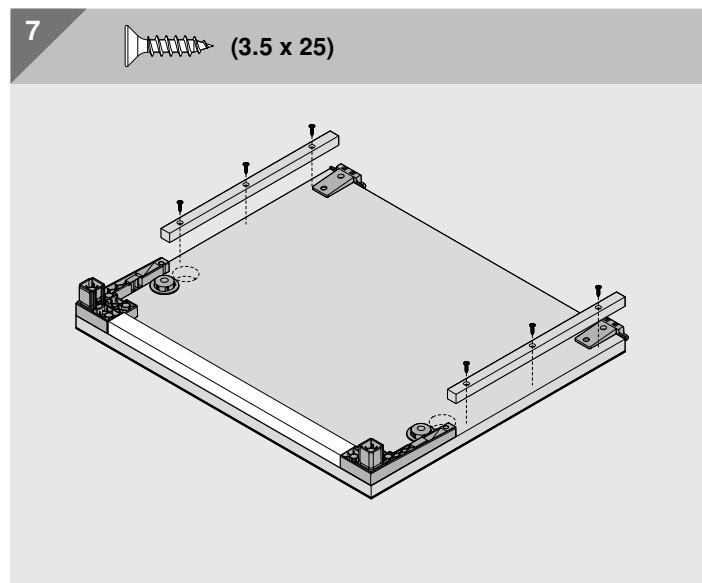
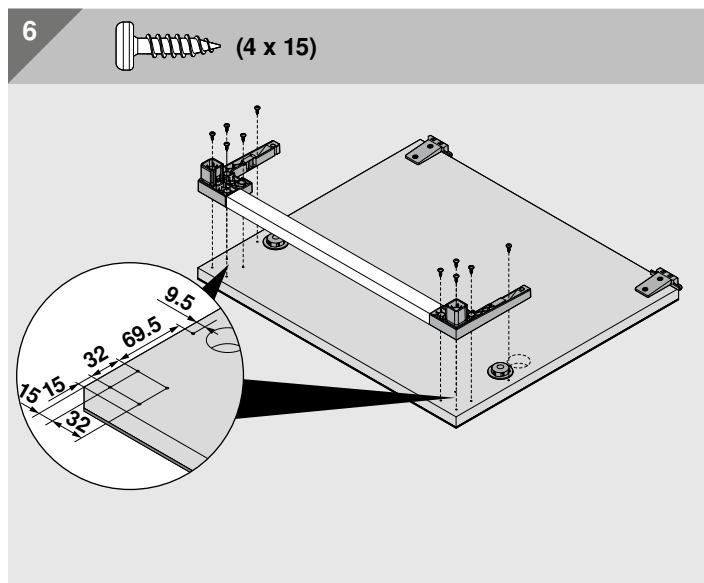
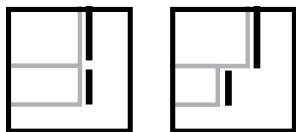


5



KB = Outside cabinet width

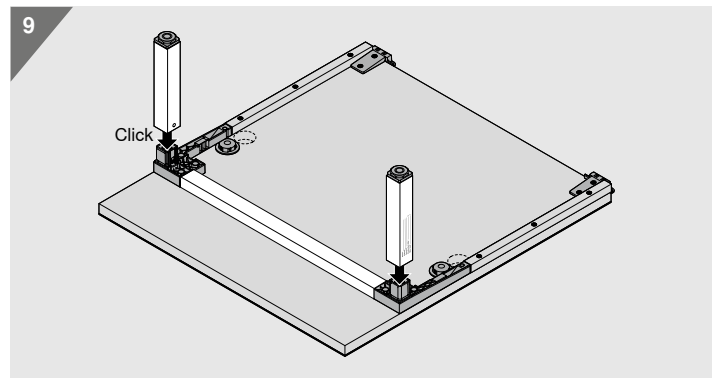
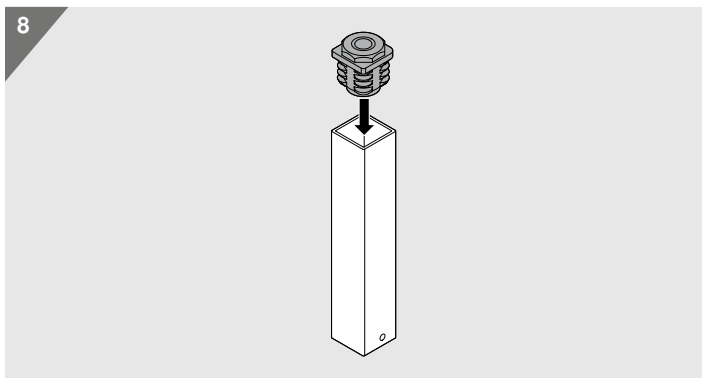
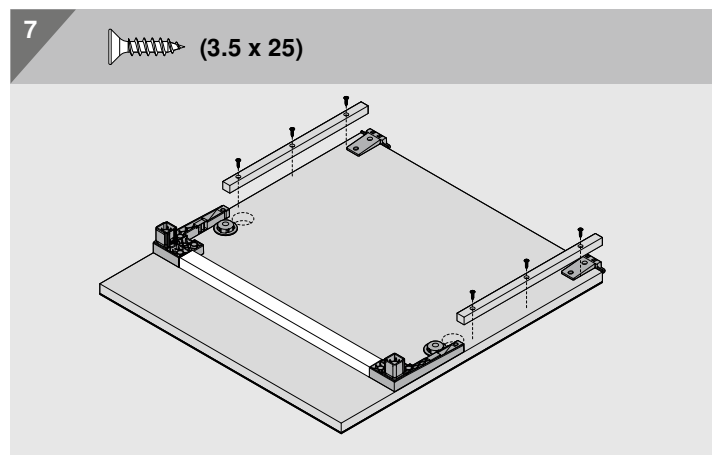
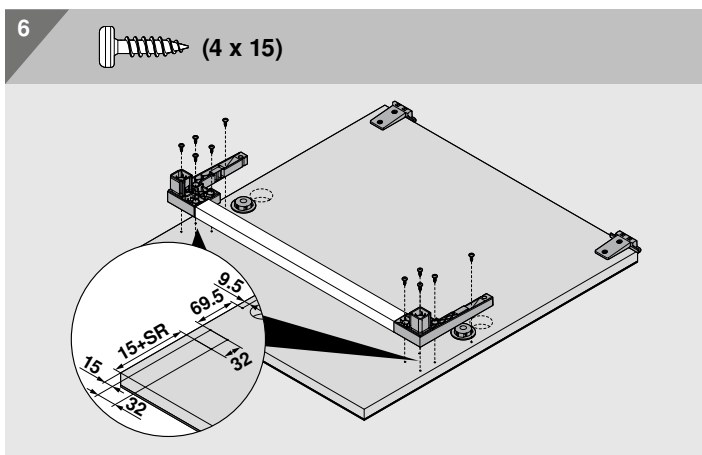
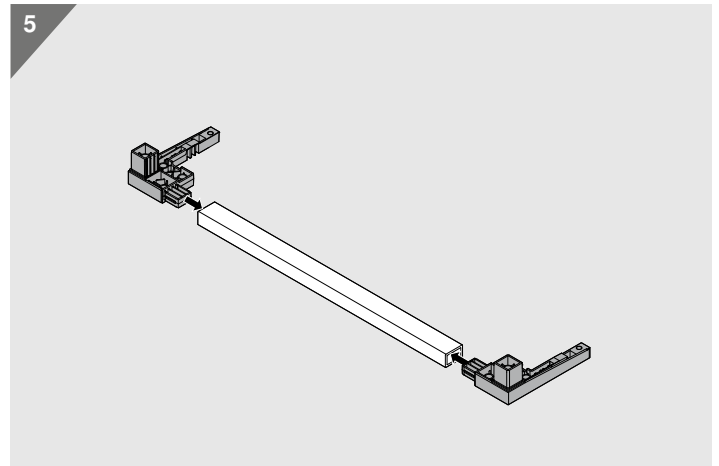
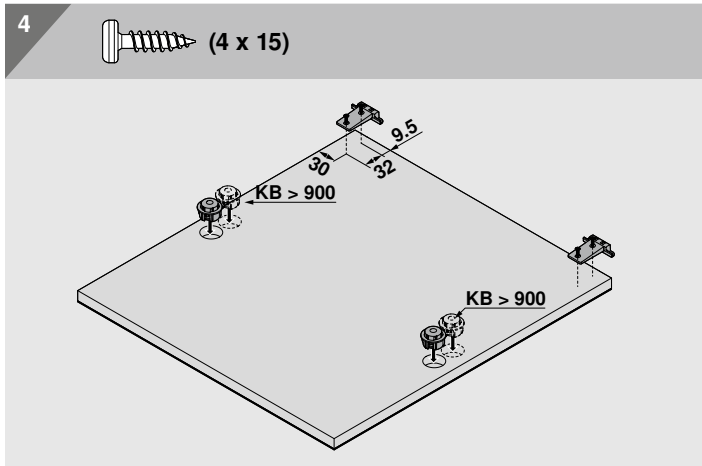
## Assembly



KB = Outside cabinet width

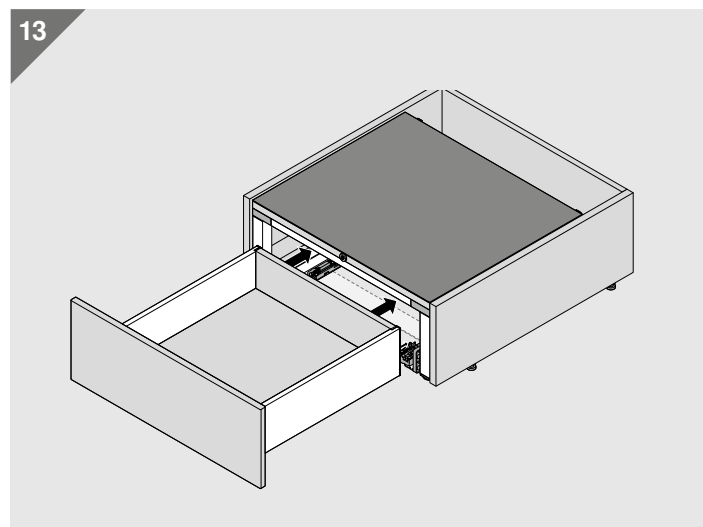
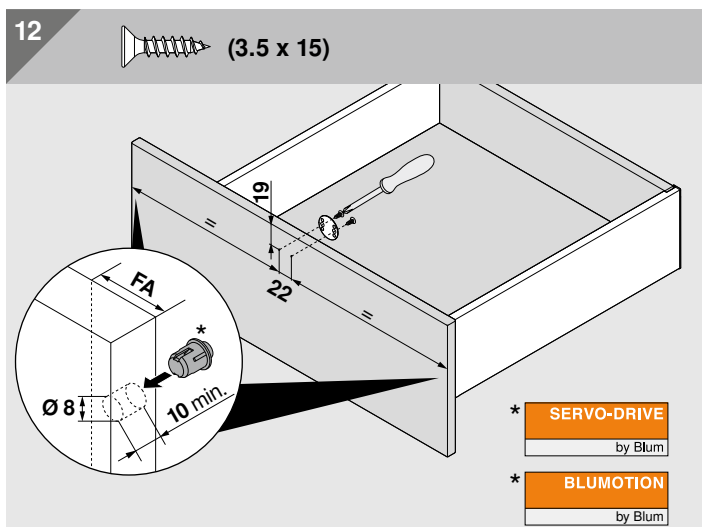
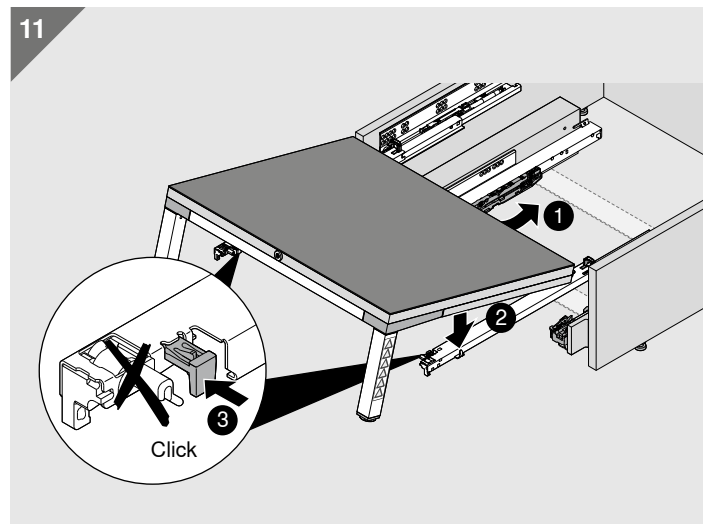
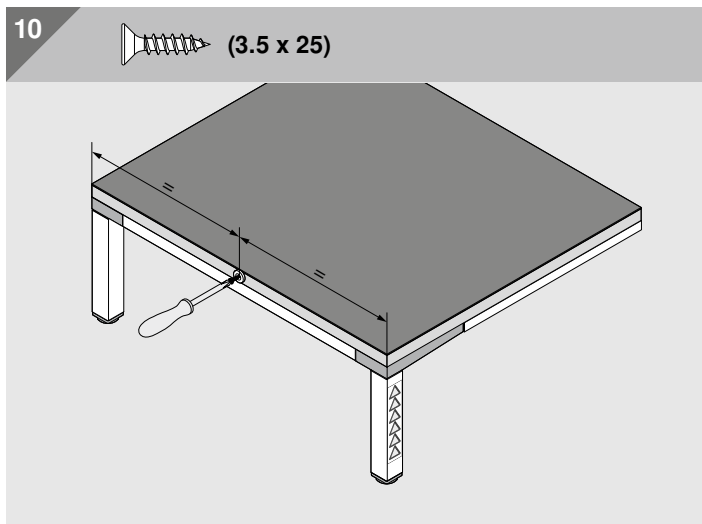


## Assembly

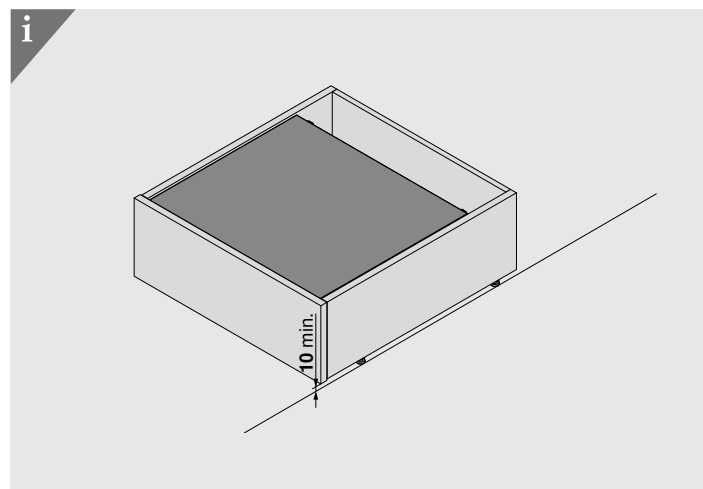
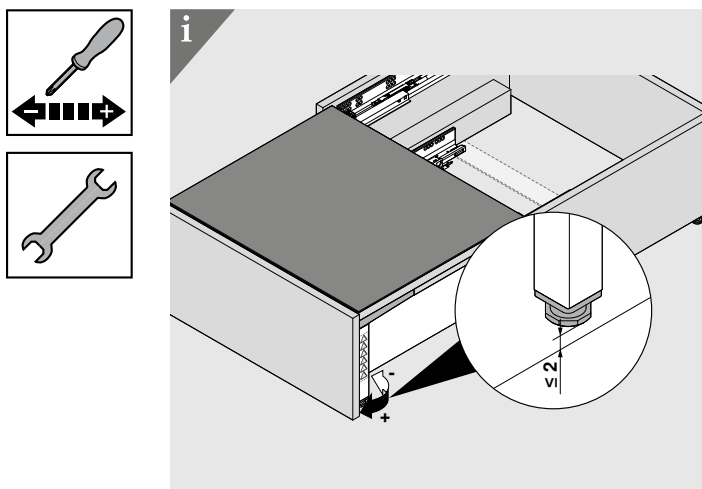


KB = Outside cabinet width  
SR = Toe kick recess

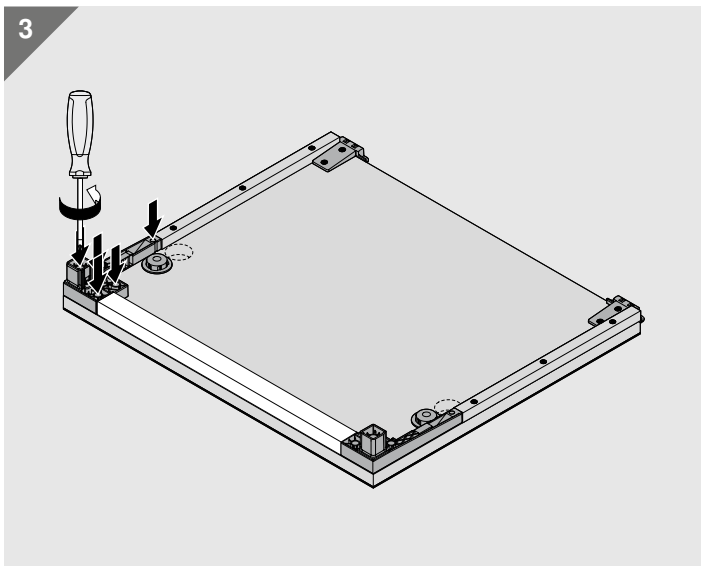
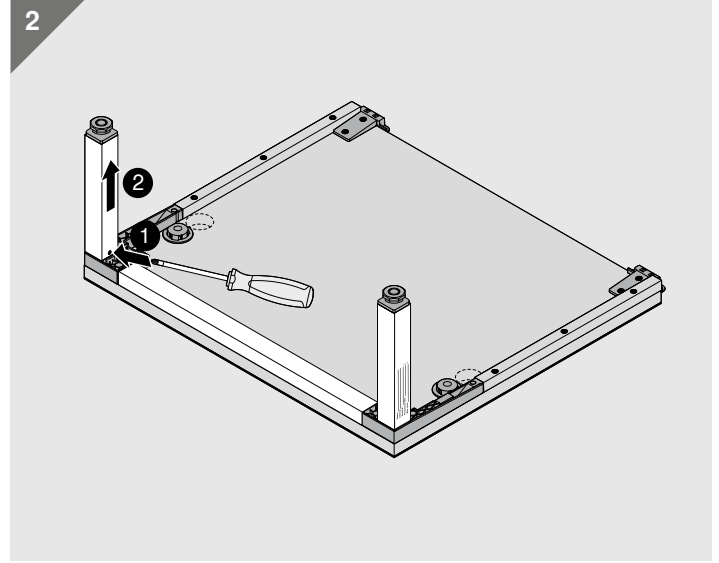
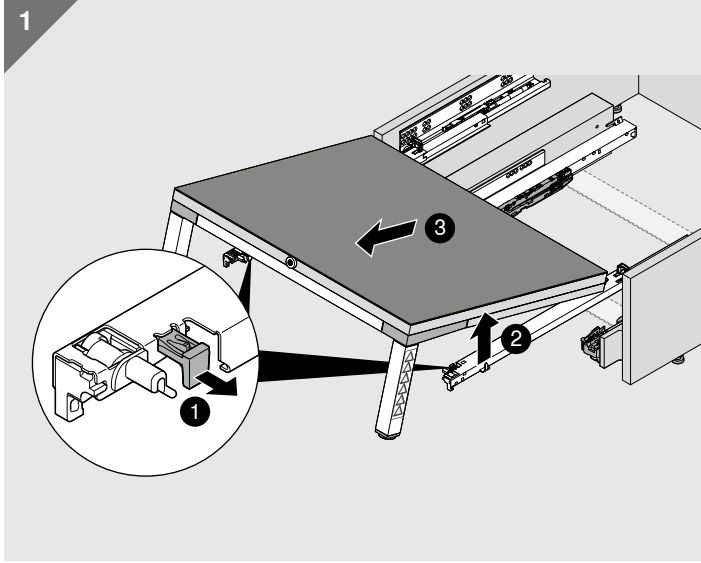
## Assembly



## Support foot adjustment





**Removal**







A warm, modern kitchen scene. In the foreground, a young girl with blonde hair sits on a black stool, looking towards the kitchen island. The island has a light-colored wooden countertop and a white cabinet base. A man in a striped shirt and blue pants stands behind the island, smiling and cooking. He is holding a small pot. The kitchen is well-lit with natural light from large windows and pendant lights. The floor is made of light-colored wood in a herringbone pattern. The background shows a dining area with a round wooden table and chairs, and a living area with a sofa and a large window. The overall atmosphere is bright and inviting.

# moving ideas

At Blum, we pay attention to those small, but valuable, details. We're attentive in everything we do. With our carefully engineered hardware, innovative motion technologies and customized services, we help move your ideas forward. Let's move the world together.





## Quality of living

We engineer our products with your lifetime in mind. As your mobility needs change, Blum hardware keeps your cabinets accessible.



## Product range

Everything from a single source: Our wide range of products allows you to keep up with the trends of today and tomorrow.



## Inspiration

We monitor global trends and strive to create the solutions of tomorrow. We like to share our insights with you.



## Innovation

We stay in motion. Our curiosity and pioneering spirit drive us to develop new products and services for you.



## Services

We support your daily operations with customized services tailored to your processes.



## Quality

We continuously strive to improve our products, services and ourselves.



## Trust

It's our goal to build lasting relationships with our customers, employees and in our community.

Julius Blum started our journey in 1952 with horseshoe studs. Today we supply innovative hardware to customers in over 120 countries.

Please visit [blum.com](http://blum.com) for information on other Blum products  
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