

New
motion technology

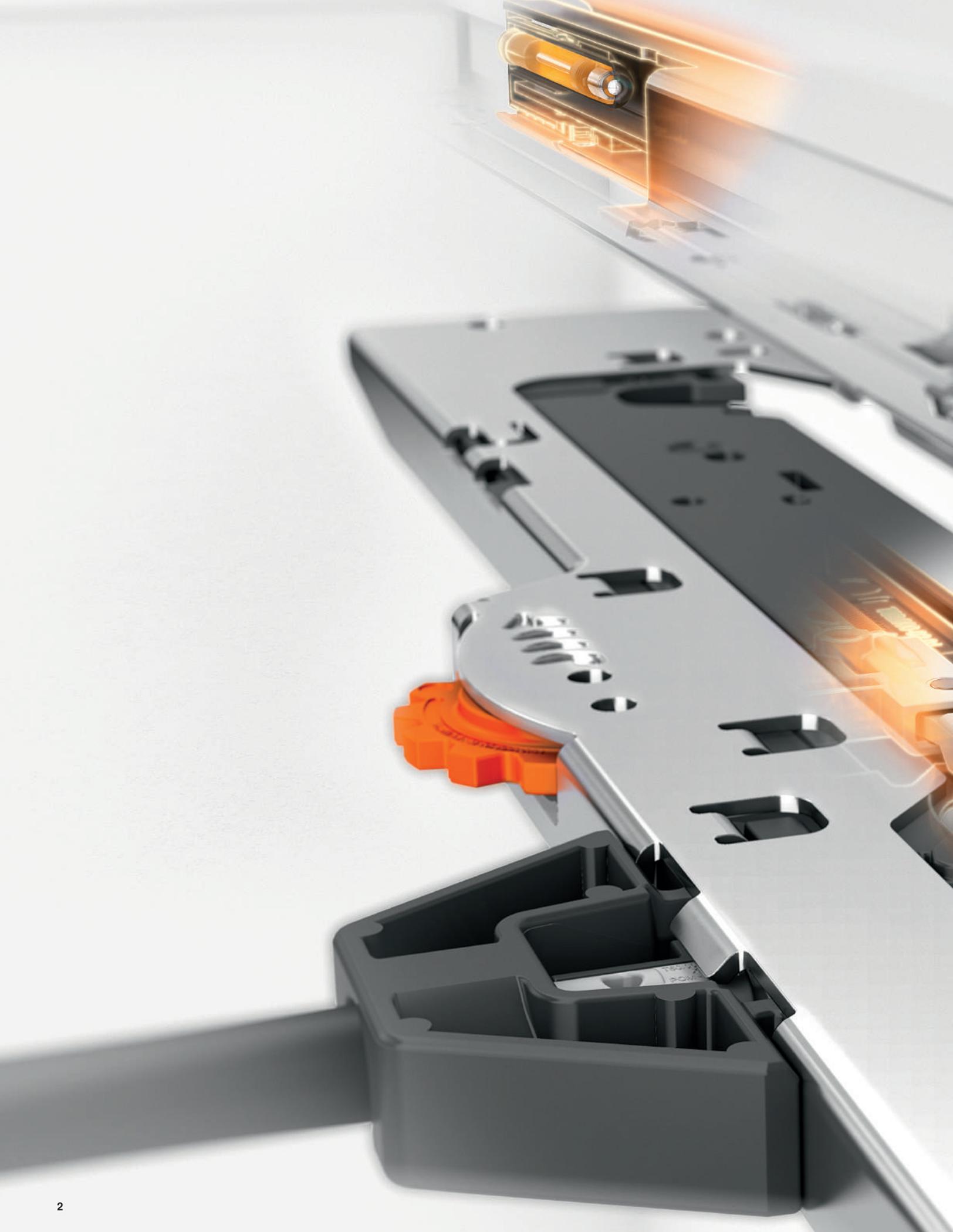


TIP-ON BLUMOTION for TANDEMBOX

Two functions – fascinatingly combined

www.blum.com

The Blum logo consists of a stylized white arrow pointing upwards and to the right, followed by the word "blum" in a bold, lowercase, sans-serif font. A registered trademark symbol (®) is located at the top right of the word "blum".



Innovative technology

The focus of all our product development: our furniture users' many different needs. The result: a solution that provides optimal support for motion – 100 % mechanically. TIP-ON BLUMOTION for TANDEMBOX combines the advantages of the TIP-ON mechanical opening support system with reliable BLUMOTION dampening for silent and effortless closing.



Contents

- 3 Innovative technology
- 5 Fascinating combination
- 6 High functionality
- 9 Optimized box system
- 10 Easy assembly
- 13 TIP-ON BLUMOTION for all living areas
- 20 Technical overview
- 22 Order specification
- 34 The Blum company



Experience TIP-ON BLUMOTION interactively now:

Just download the free 'Blum Magazines' app for tablet PCs in the App Store or from Google Play and experience TIP-ON BLUMOTION digitally!



A simple touch,



and the pull-out opens.



A light push, and it closes.





> Watch
TIP-ON BLUMOTION
film: [www.blum.com/
trailertiponblumotion](http://www.blum.com/trailertiponblumotion)

Fascinating combination

Opens with just a light touch, has a smooth running action and closes silently and effortlessly – experience completely harmonious and convenient motion with TIP-ON BLUMOTION technology for TANDEMBOX. And the best part: the motion is assisted 100% mechanically.

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High functionality

The extensive trigger range of TIP-ON BLUMOTION for TANDEMBOX provides inspirational ease of use for handle-less pull-outs and drawers. An optional synchronization can be used to extend the trigger range even further.

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Small front gap

TIP-ON BLUMOTION can be adjusted to have a small front gap of 2.5 mm, meaning it is also ideal for kitchens.



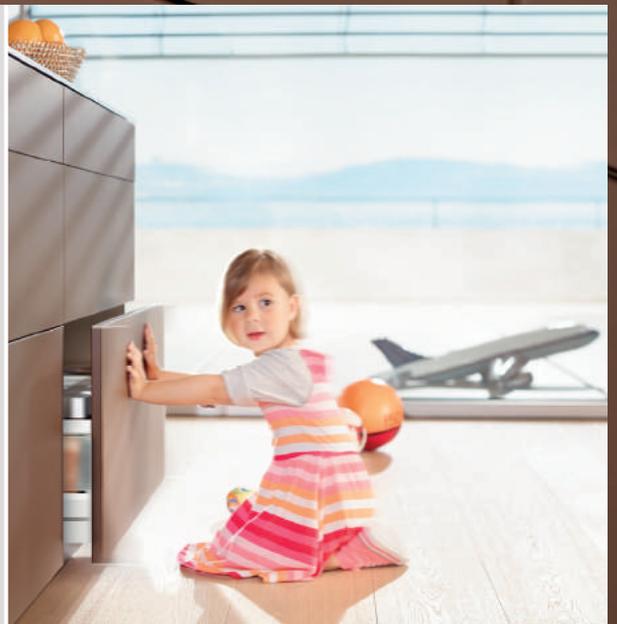
Four-dimensional adjustment

The four-dimensional adjustment ensures a precise gap layout. The integrated depth adjustment can be made tool-free using the adjustment wheel.



Reliable function

It is possible to pull to open or push to close without difficulty, and TIP-ON BLUMOTION will remain fully functional.



Easy opening

Lower opening forces and an even smoother transition to the feather-light glide improve performance from the moment you open the pull-out.



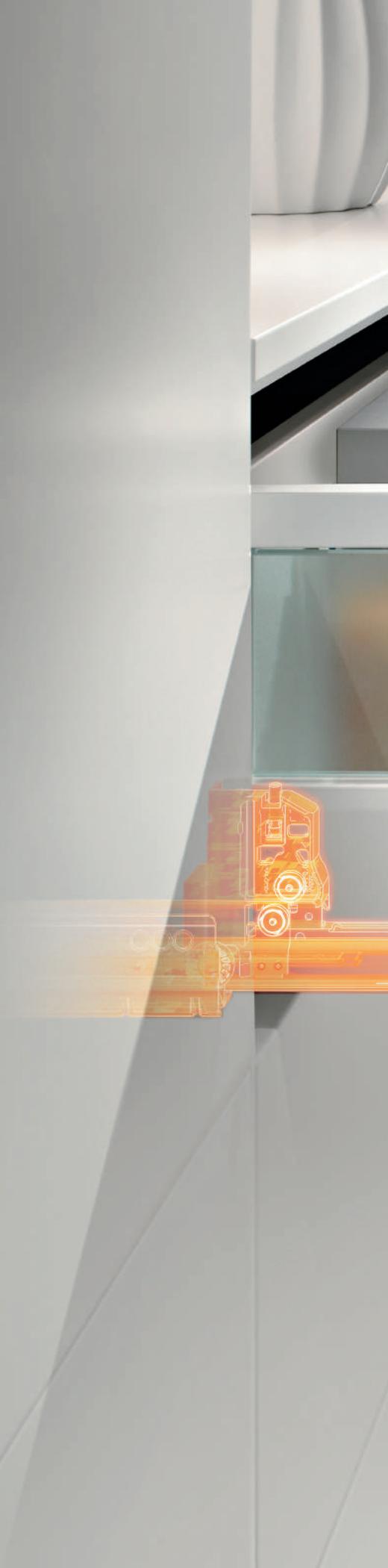
Quality to the touch

You can feel the increased stability provided by the combination of the optimized drawer side and new front fixing bracket.



Optimized feather-light glide

Components in the drawer side and cabinet profile have been further developed to optimize the feather-light glide of TANDEMBOX and the smooth running action.





Optimized box system

TANDEMBOX has been impressing users with its high ease of use and wide range of available design options for many years. Over the course of the development of TIP-ON BLUMOTION for TANDEMBOX, some of the main functions of the existing system were also optimized and tangibly improved.

Easy assembly

TIP-ON BLUMOTION for TANDEMBOX is the perfect mechanical solution for handle-less furniture in all living areas. Pull-outs and drawers can be implemented in the usual manner.

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➤ Watch assembly film:
[www.blum.com/
assemblytobtbx](http://www.blum.com/assemblytobtbx)





TIP-ON BLUMOTION in the kitchen

Everyday kitchen use places extremely high demands on a piece of furniture's quality of motion. TIP-ON BLUMOTION for TANDEMBOX provides inspiration here with its undeniable ease of use.

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TIP-ON BLUMOTION in the living room

TIP-ON BLUMOTION for TANDEMBOX makes it possible to apply modern design concepts in all living areas. Handle-less furniture can be implemented with high ease of use thanks to Blum's innovative motion technology.

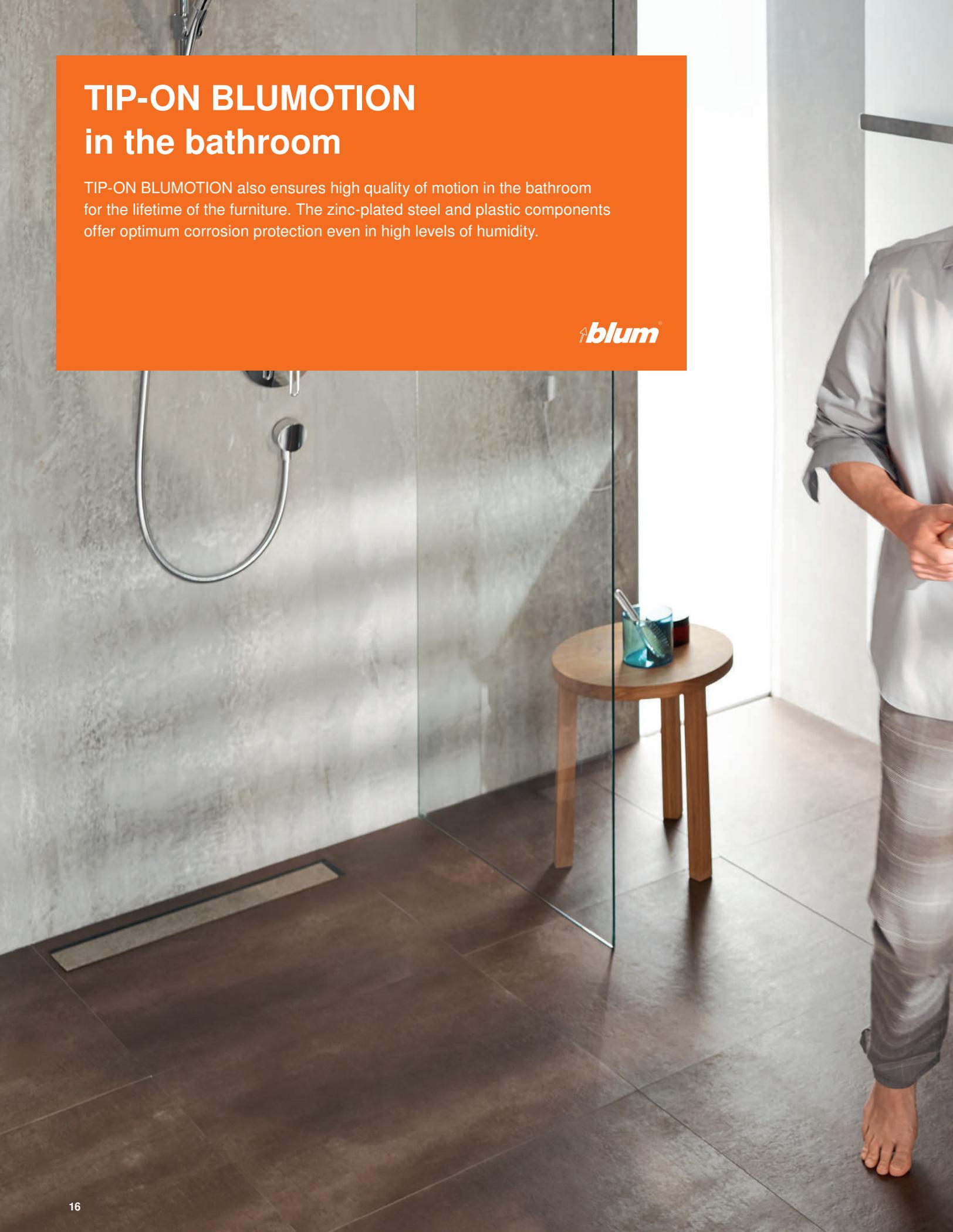
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TIP-ON BLUMOTION in the bathroom

TIP-ON BLUMOTION also ensures high quality of motion in the bathroom for the lifetime of the furniture. The zinc-plated steel and plastic components offer optimum corrosion protection even in high levels of humidity.

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TIP-ON BLUMOTION in the hall

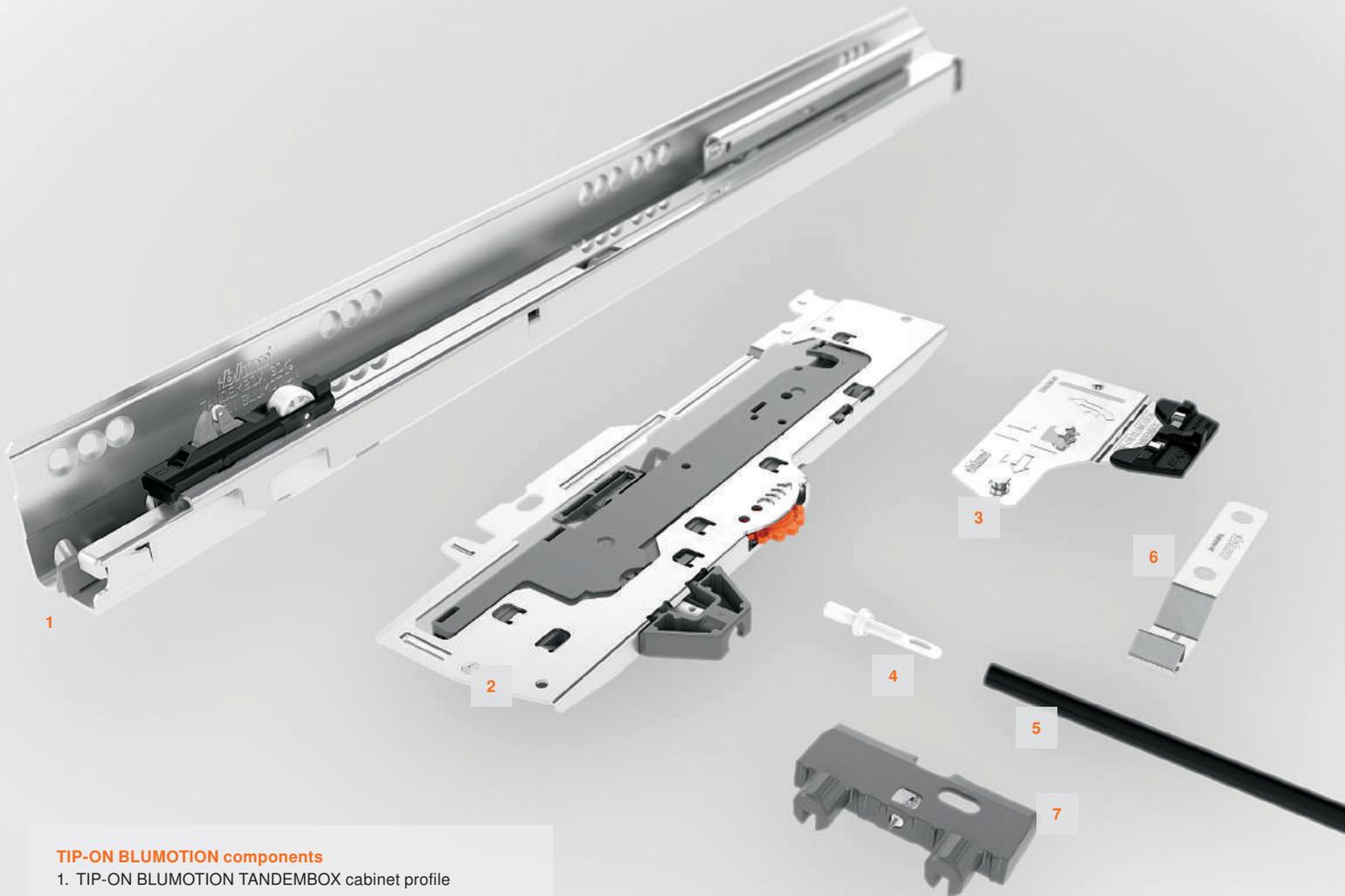
With TIP-ON BLUMOTION for TANDEMBOX, handle-less furniture can be implemented in all living areas, including the hall. With an impressively smooth running action, even high and wide fronts can be opened with just a light touch and close silently and effortlessly.

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Well-designed product details

The basis of TIP-ON BLUMOTION is the specially designed TANDEMBOX cabinet profile. Varying nominal lengths and weight ranges can be achieved with different TIP-ON BLUMOTION units. All other components can be used universally. This means that TIP-ON BLUMOTION is a suitable solution for any application.



TIP-ON BLUMOTION components

1. TIP-ON BLUMOTION TANDEMBOX cabinet profile
2. TIP-ON BLUMOTION unit
3. TIP-ON BLUMOTION latch
4. TIP-ON BLUMOTION synchronization adapter
5. TIP-ON BLUMOTION synchronization linkage
6. TIP-ON BLUMOTION support for synchronization linkage (required for cabinet widths of 750 mm and above)
7. Base support bracket (required for cabinet widths of 750 mm and above)



➤ Fittings selection made easy with the online product configurator at www.blum.com/configurator

TIP-ON BLUMOTION units and TIP-ON BLUMOTION latch

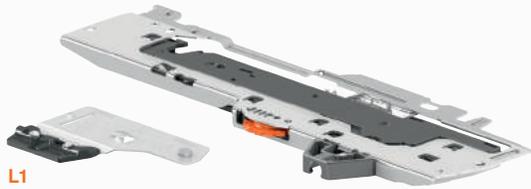
Adjusted for weight ranges and nominal lengths, the TIP-ON BLUMOTION unit is available in designs of varying strengths. For easy differentiation, each version is a different colour. The latch can be universally used for all TIP-ON BLUMOTION units.



S0
 ≤ 10 kg
 NL 270 mm
 White



S1
 > 10–20 kg
 NL 270 mm
 Light grey



L1
 ≤ 20 kg
 NL 350–650 mm
 Light grey



L3
 15–40 kg
 NL 350–650 mm
 Dust grey

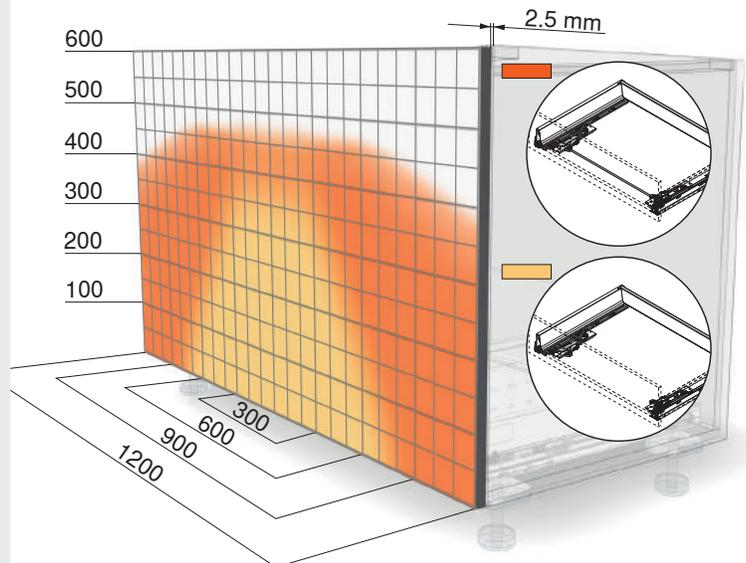


L5
 35–65 kg
 NL 350–650 mm
 Black

NL = Nominal length

TIP-ON BLUMOTION synchronization

An extensive trigger range is achieved even with a low minimum front gap of just 2.5 mm. To achieve optimal function and to extend the trigger range, we recommend using a synchronization.

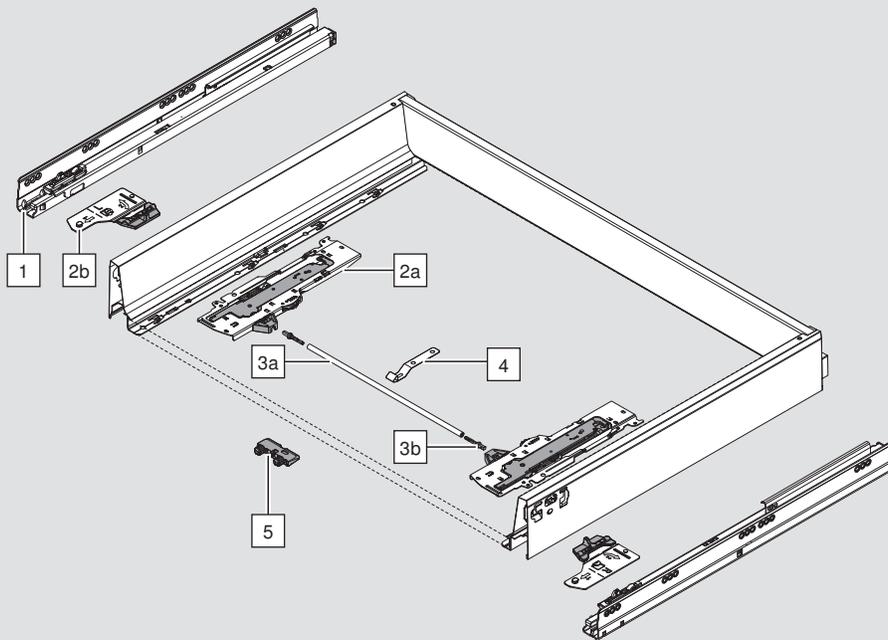


Shown in the diagram by way of example for height D, nominal length 500 mm with front stabilizer

TIP-ON BLUMOTION for TANDEMBOX

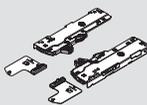


Order specification



1	TIP-ON BLUMOTION cabinet profile TANDEMBOX left/right			
	Nominal length (mm)			
			30 kg	
			65 kg	
	270		578.2701M	
	350		578.3501M	
	400		578.4001M	
	450		578.4501M	576.4501M
	500		578.5001M	576.5001M
	550		578.5501M	576.5501M
600			576.6001M	
650			576.6501M	

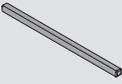
Make the right calculations for your TIP-ON BLUMOTION unit using the product configurator. www.blum.com/configurator

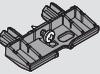
2a + 2b	Set containing TIP-ON BLUMOTION unit and TIP-ON BLUMOTION latch		Recommended weight ranges* for an optimum opening and closing function								
	Can be used for nominal length (mm)	Unit		< 10 kg	20 kg	30 kg	40 kg	50 kg	60 kg	65 kg	
	270	S0	T60B3030	≤ 10							
		S1	T60B3130		>10-20						
	350-650	L1 **	T60B3330		≤ 20						
		L3	T60B3530				15-40				
		L5	T60B3560						35-65		

* The weight specified here refers to the pull-out with front, with a load inside.

** L1 cannot be combined with heavy load runner (65 kg)

3a	TIP-ON BLUMOTION round synchronization linkage for cutting to size	
	Possible with internal cabinet widths ≥ 287 mm	T60.1125W
	Suitable for internal cabinet widths of up to 1370 mm	
3b	TIP-ON BLUMOTION synchronization adapter	
	Symmetrical, in combination with synchronization linkage, two items required per synchronization linkage, for internal width ≥ 287 mm	T60.000D

For narrow internal cabinet widths (alternative to 3a and 3b)		
	TIP-ON BLUMOTION one-part synchronization for cutting to size	
	Symmetrical, no synchronization linkage required, for internal width of 238–286 mm	T60.300D

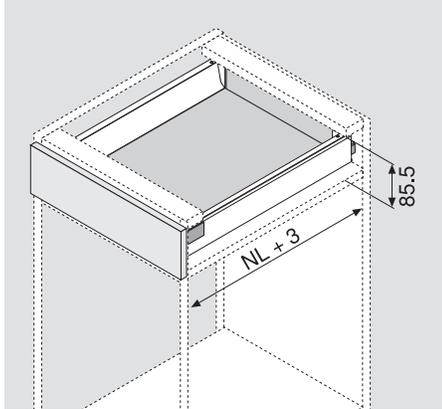
Accessories		
4	Support for synchronization linkage	
	Required for cabinet widths ≥ 750 mm	T60B000H
	For pull-outs over a cabinet base or cross member	
	Prevents the synchronization linkage from sagging	
5	Base support bracket	
	Required for cabinet widths ≥ 750 mm	Z96.2011
	For pull-outs over a cabinet base or cross member	
	For supporting the pull-out base	
	Front stabilizer	
	For stabilization of high and wide fronts, two items needed per front.	Z96.10E1
	Gap checking/adjustment template for TIP-ON BLUMOTION TANDEMBOX	
	Setting the front gap to 2.5 mm	65.5627

TIP-ON BLUMOTION
for TANDEMBOX

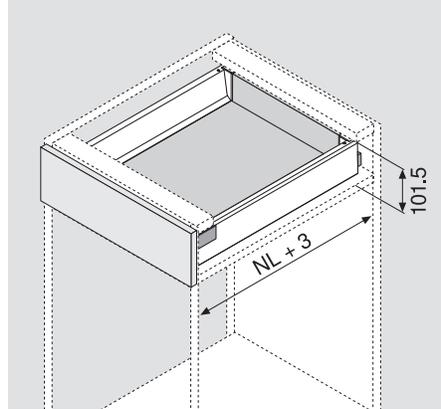


Space requirement valid for all
TANDEMBOX programme lines

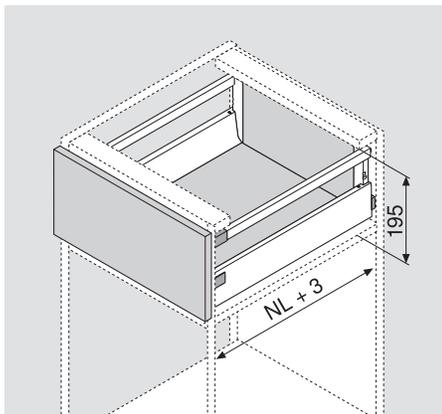
Drawer, height N



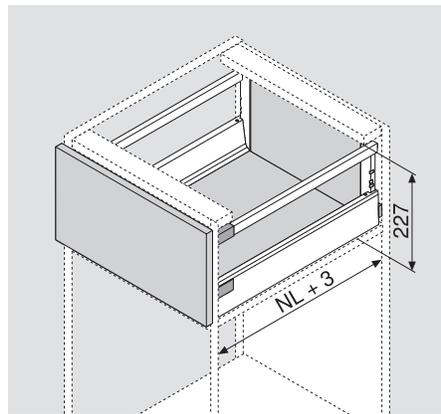
Drawer, height M



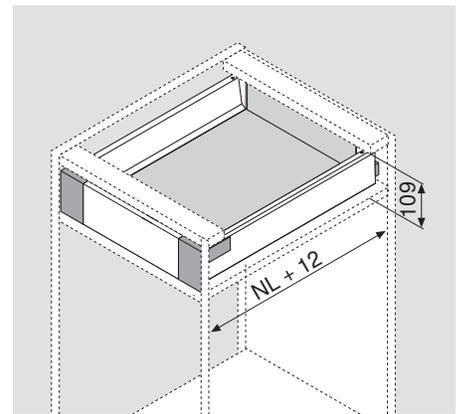
High fronted pull-out, height C



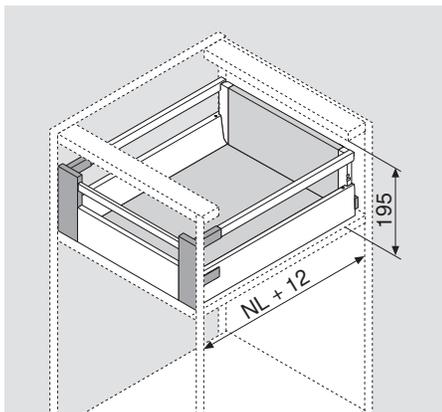
High fronted pull-out, height D



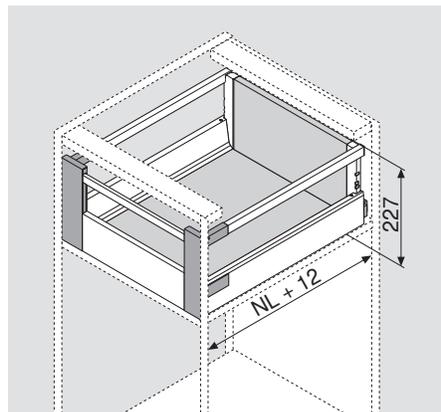
Inner drawer, height M



Inner pull-out, height C

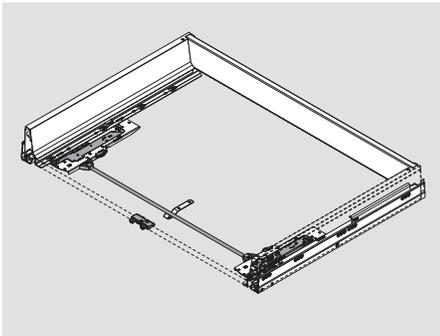


Inner pull-out, height D



NL = nominal length

Note: The space requirement for TIP-ON BLUMOTION is different to that for BLUMOTION

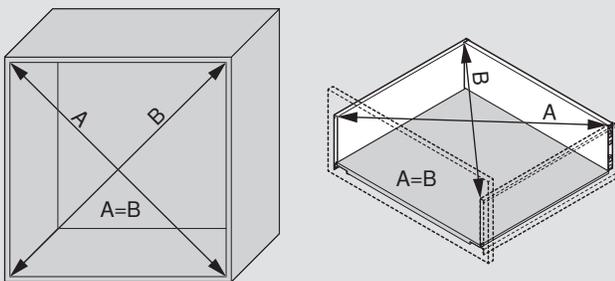


— The following planning graphics are shown by way of example for a TANDEMBOX drawer with height M.

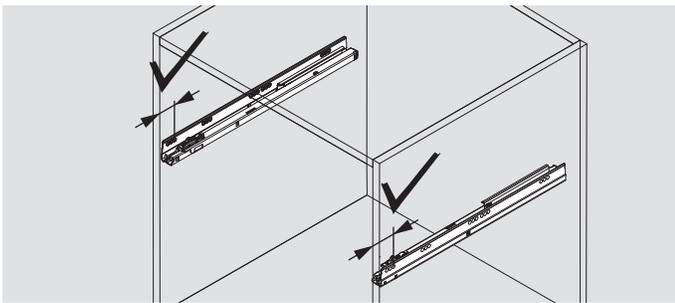


> For more information on TIP-ON BLUMOTION
www.blum.com/tiponblumotion

Furniture construction

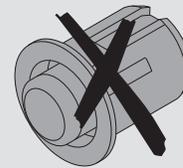


To ensure a front gap of at least 2.5 mm, precise manufacturing is required, so it should be ensured that planned measurements and angle accuracy are adhered to.



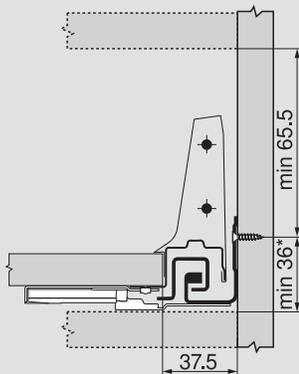
Observe exact depth position of both cabinet profiles.

Front assembly – do not install bumpers

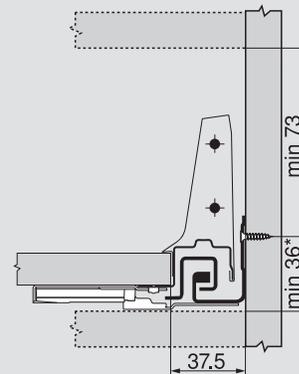


Bumpers should not be installed for TIP-ON BLUMOTION!

Space requirements in the cabinet – drawer



Space requirements in the cabinet – inner drawer



* For 36–39 mm: Bear in mind the position of the cabinet levelers, support for synchronization linkage and base support bracket required for cabinet widths of 750 mm and above (see page 31 and 32), in order to prevent a collision between the synchronization linkage and the cabinet base or cross member. A trial application is recommended.

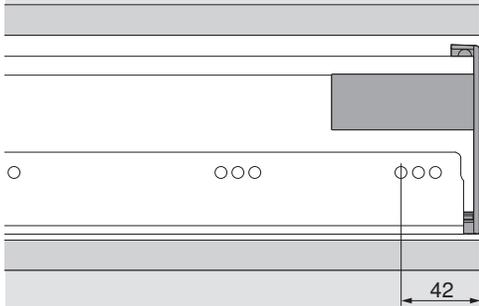
TIP-ON BLUMOTION for TANDEMBOX



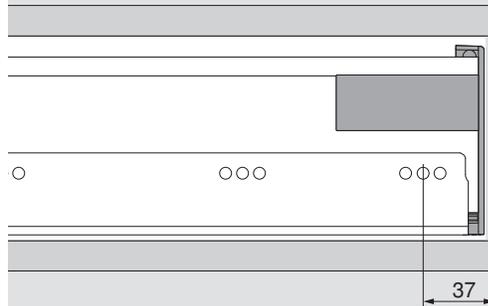
Planning

Screw position, TIP-ON BLUMOTION for inner drawers and inner pull-outs

Variant 1

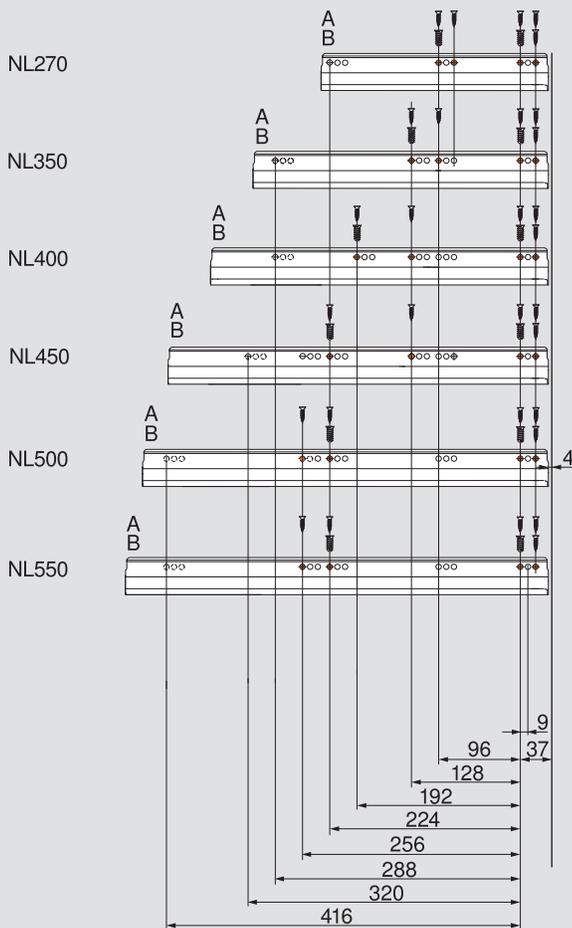


Variant 2



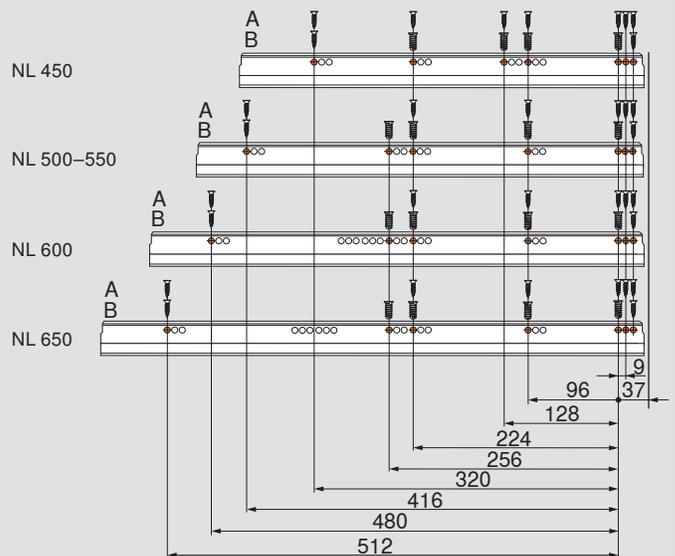
Cabinet profile screw position – 30 kg

Nominal length NL (mm)



Cabinet profile screw position – 65 kg

Nominal length NL (mm)



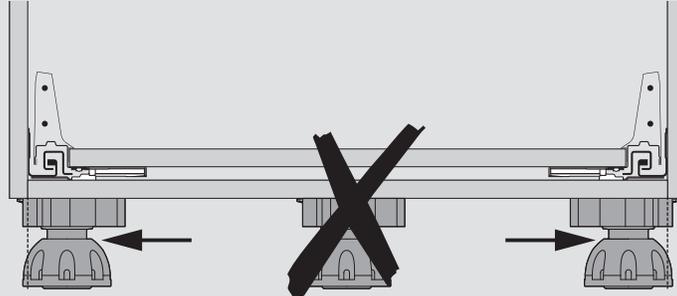
Fixing onto cabinet

A Chipboard screw $\varnothing 3.5 \times 15$ mm

B System screw

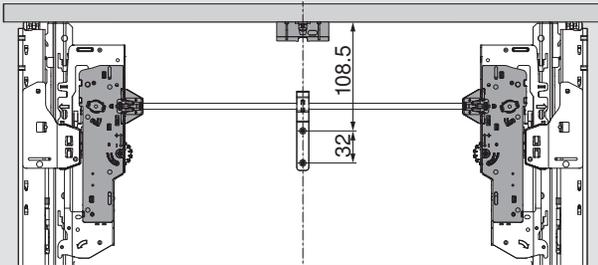
661.1450.HG

Cabinet leveler



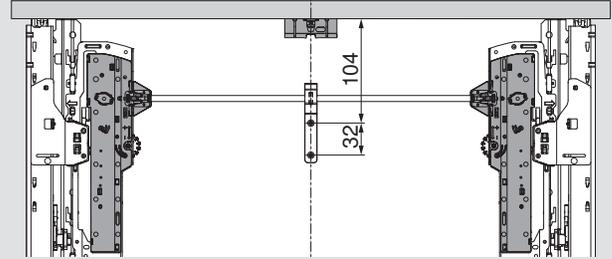
Support for synchronization linkage

Required for cabinet widths ≥ 750 mm



Technical overview

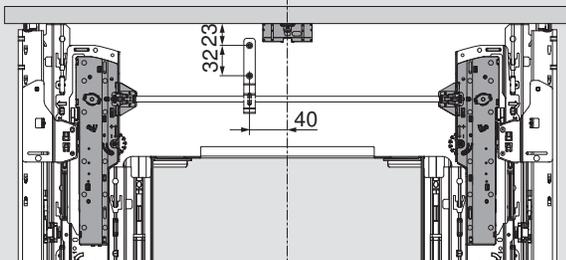
TIP-ON BLUMOTION units S0, S1 (NL < 350 mm)



TIP-ON BLUMOTION units L1, L3, L5 (NL ≥ 350 –650 mm)

Support for synchronization linkage in sink cabinets

Required for cabinet widths ≥ 750 mm



TIP-ON BLUMOTION units L1, L3, L5 (NL ≥ 350 –650 mm)

Fixing onto cabinet

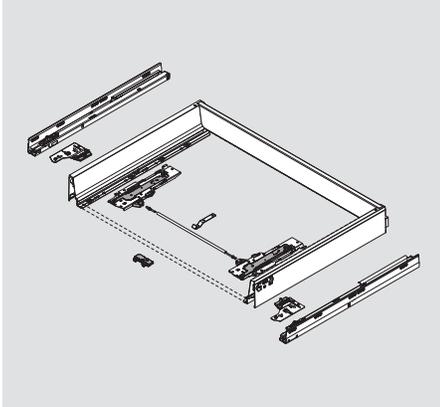
Chipboard screw $\varnothing 3.5 \times 15$ mm

TIP-ON BLUMOTION for TANDEMBOX



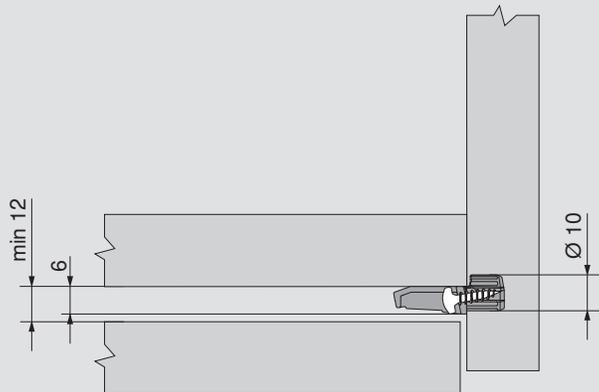
Planning

Base support bracket

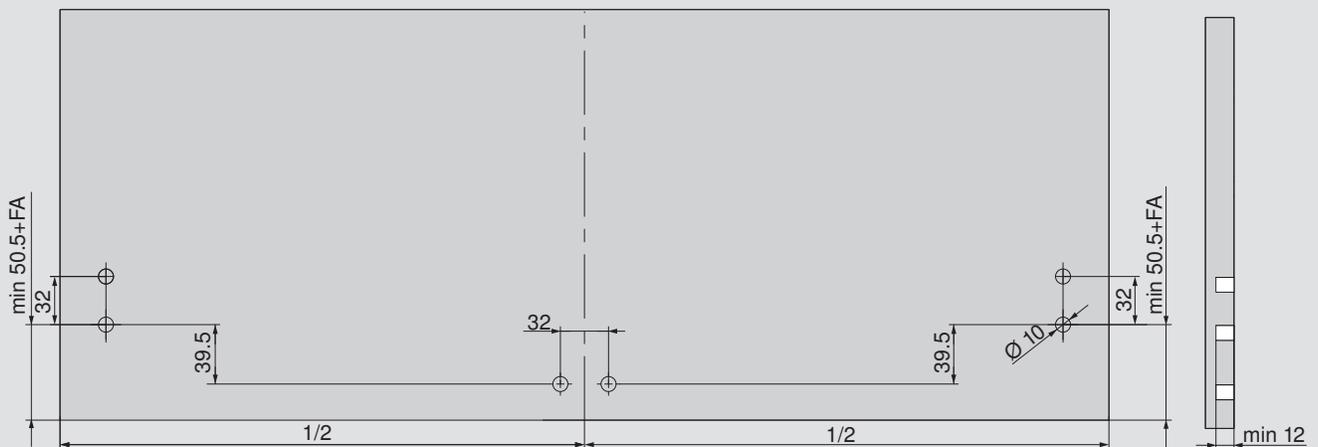


- For supporting the pull-out base
- Required for cabinet widths ≥ 750 mm
- For pull-outs over a cabinet base or cross member

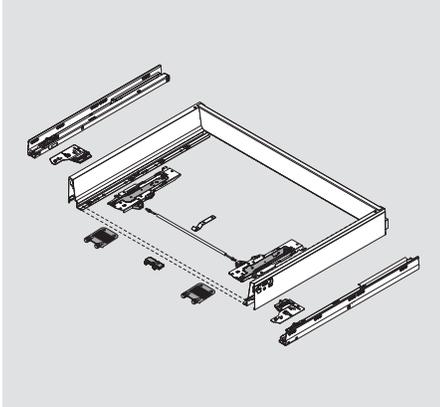
Space requirements in the cabinet – base support bracket



Drilling distance in the front – base support bracket

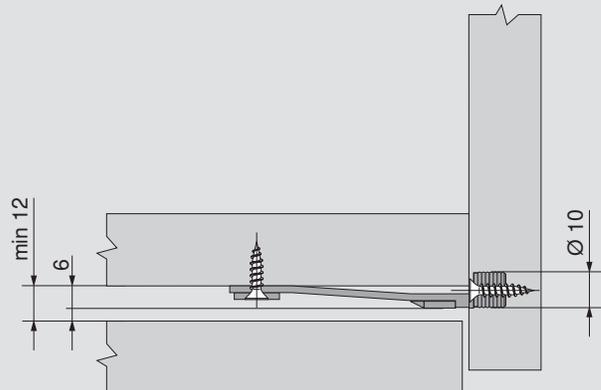


Front stabilizer

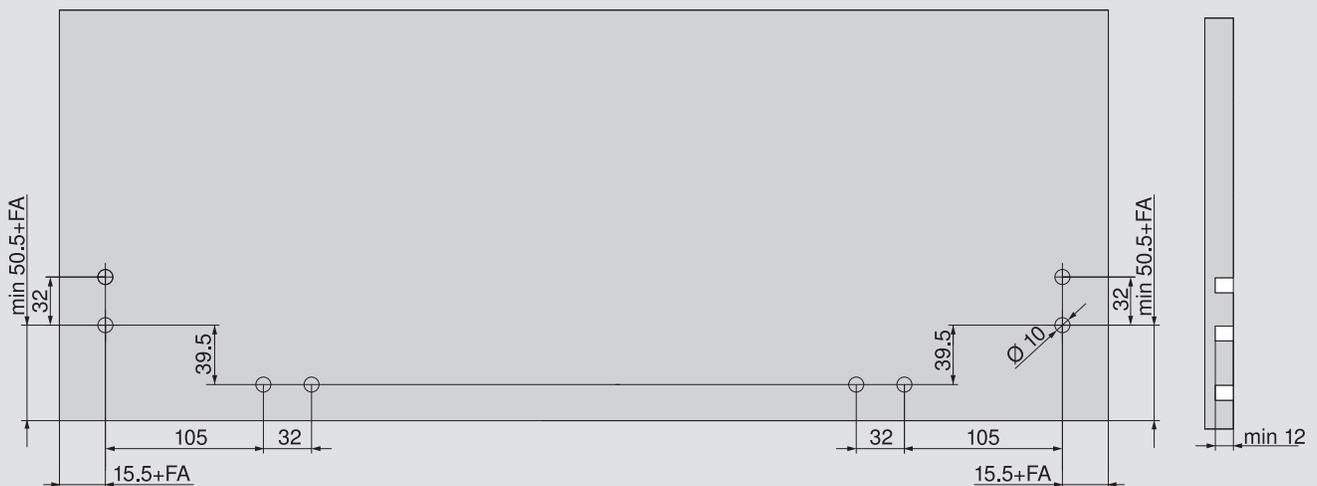


- For stabilizing wide and high fronts
- Reinforces the connection between the drawer side and the front

Space requirements in the cabinet – front stabilizer



Drilling distance in the front – front stabilizer

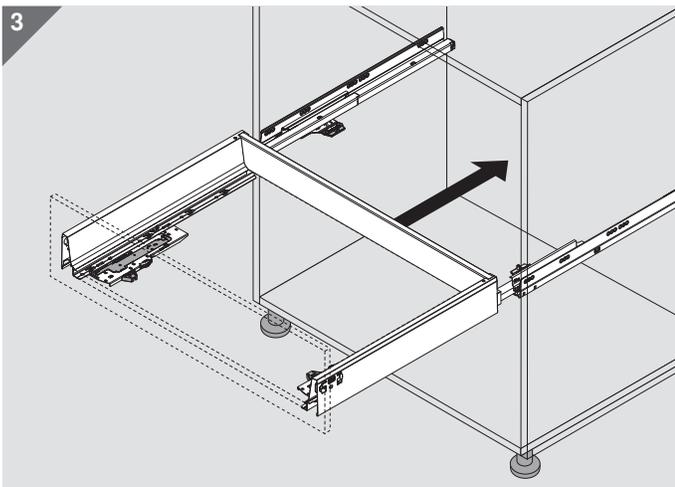
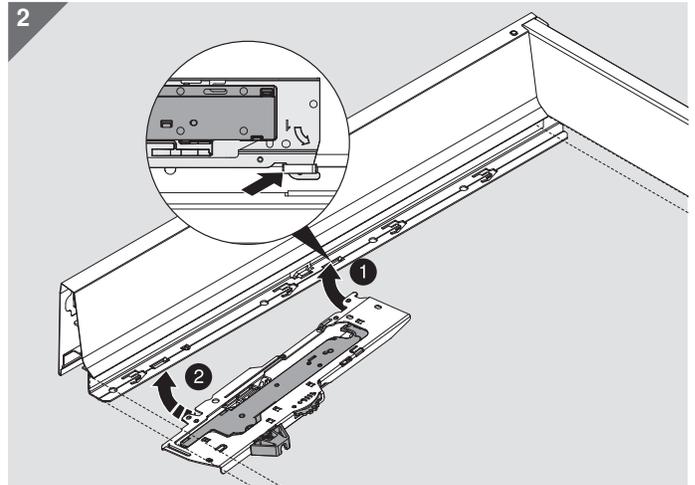
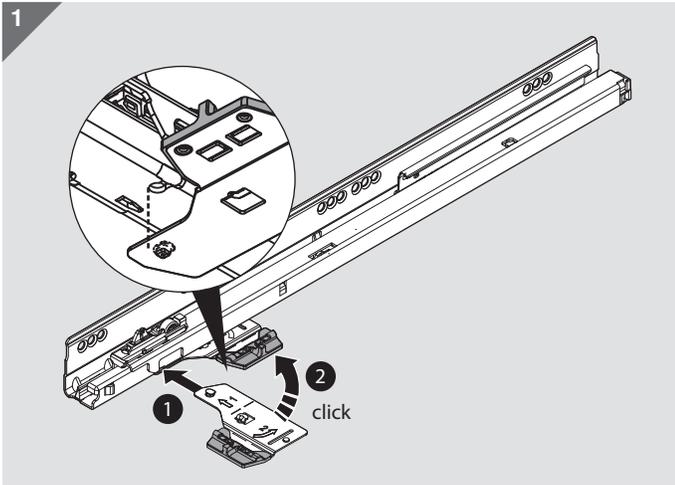


TIP-ON BLUMOTION for TANDEMBOX

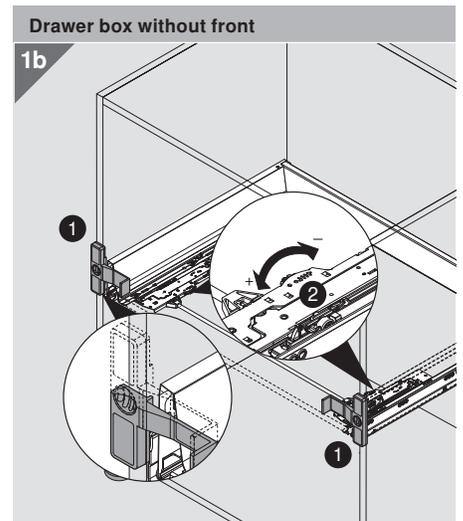
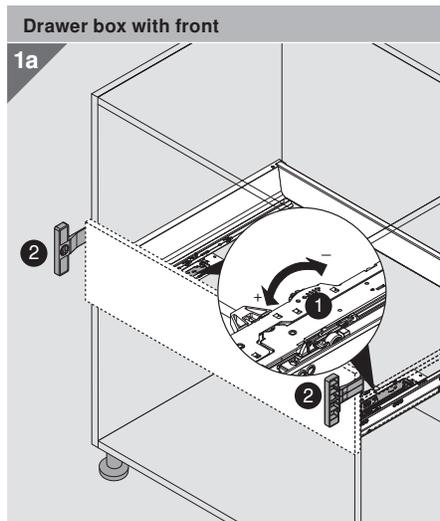
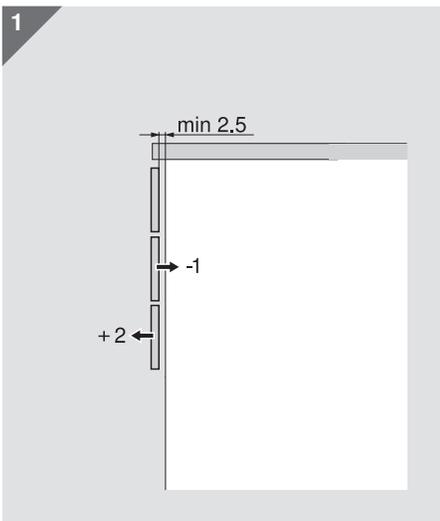


Assembly

TIP-ON BLUMOTION

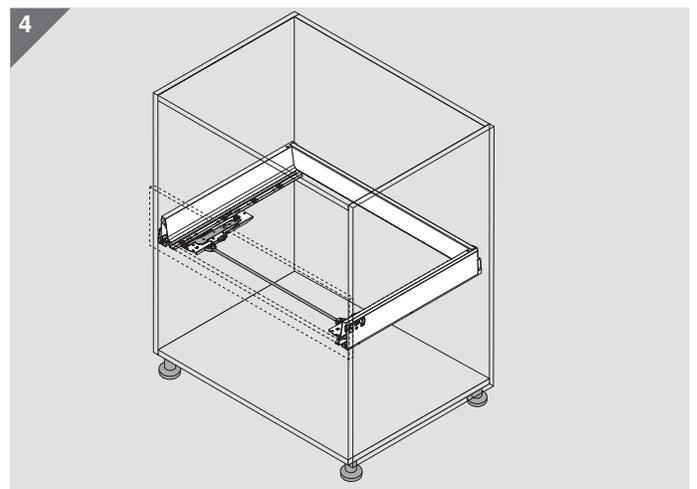
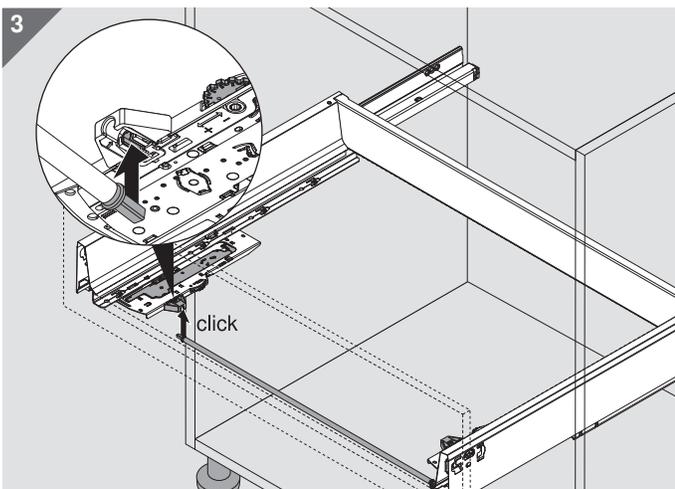
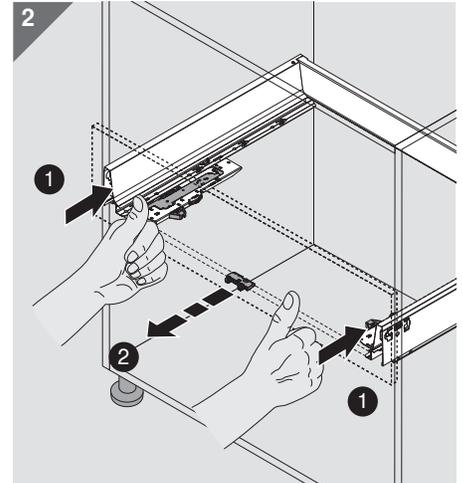
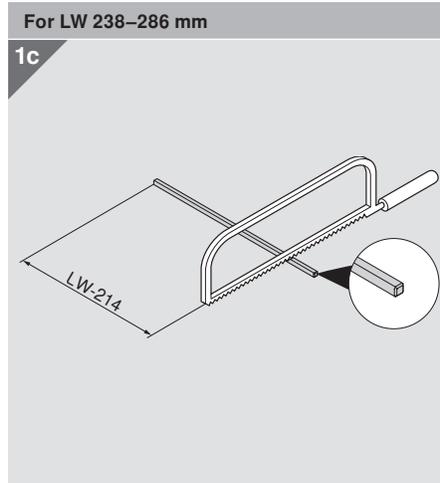
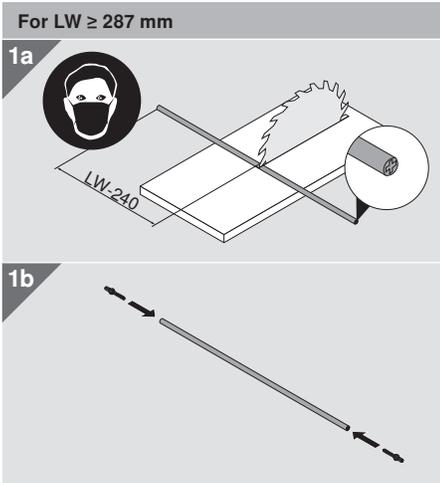


Depth adjustment

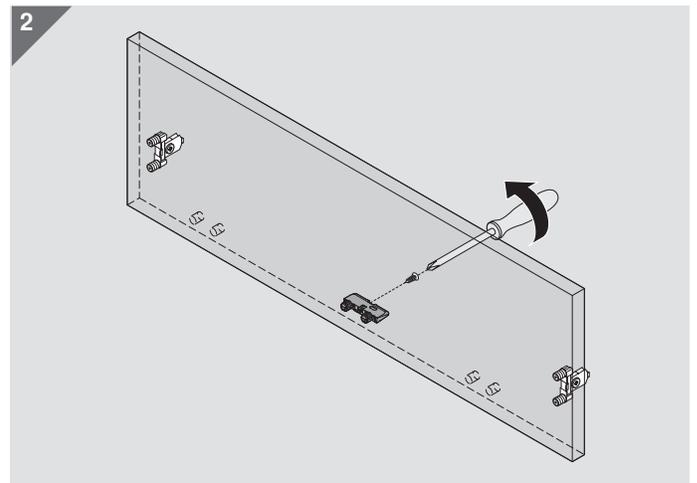
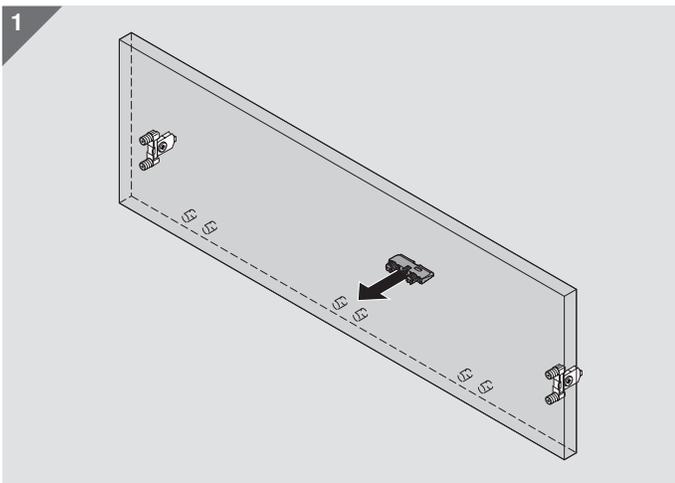


Adjust identically on each side to a minimum of 2.5 mm

Synchronization



Base support bracket required for cabinet widths of 750 mm and above



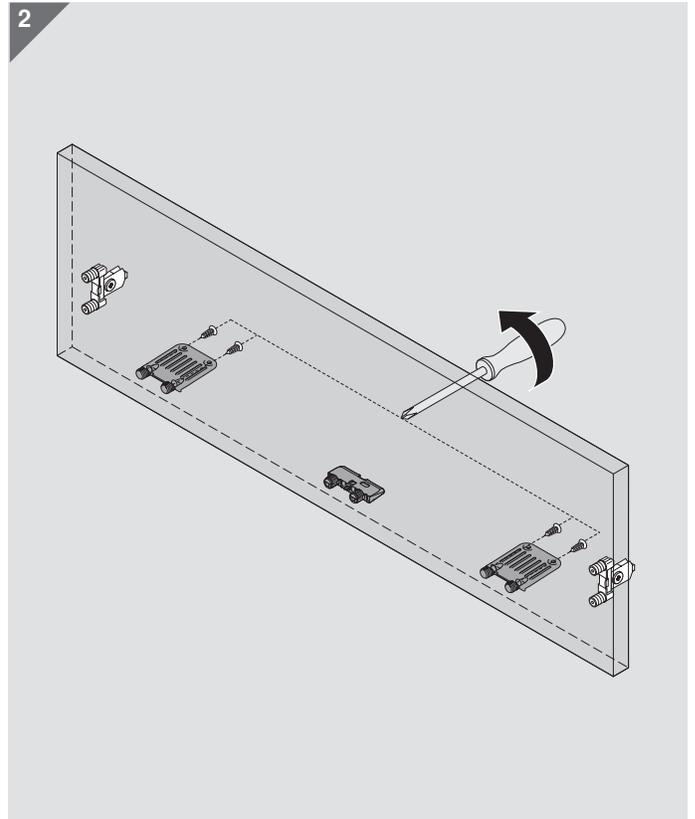
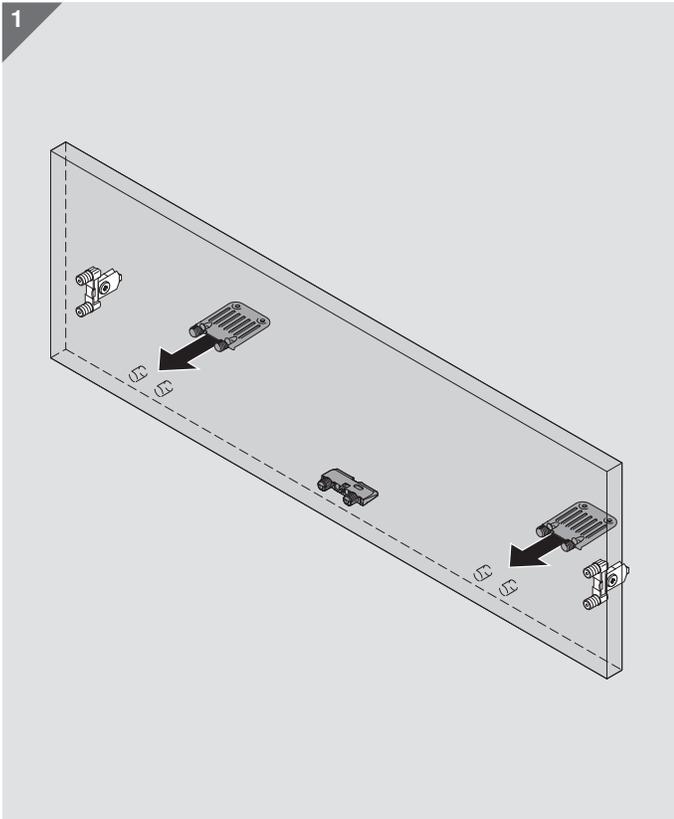
LW Internal cabinet width

TIP-ON BLUMOTION for TANDEMBOX

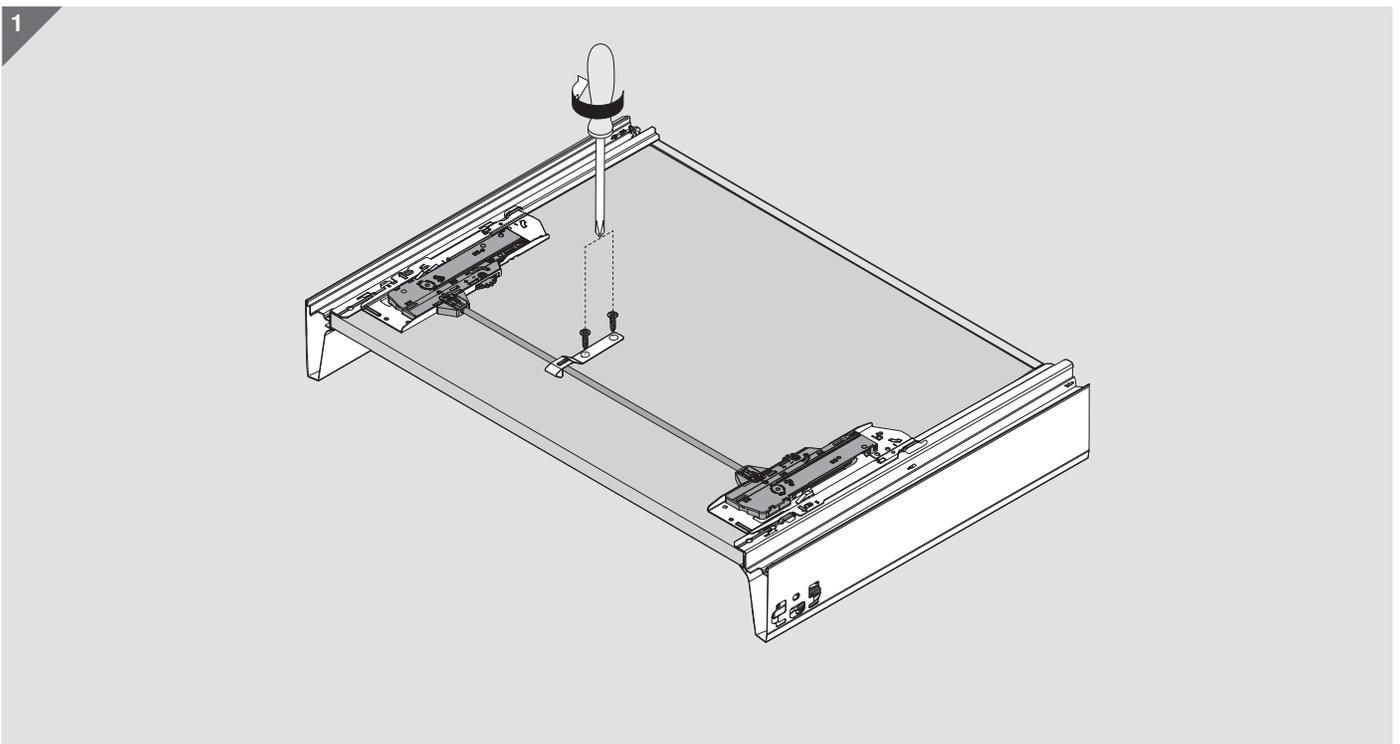


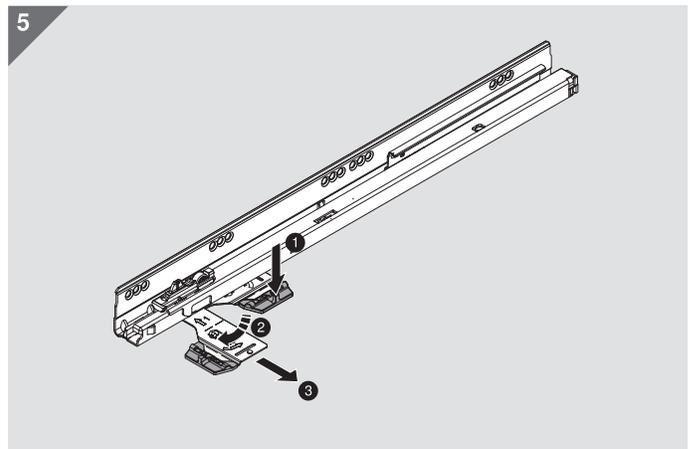
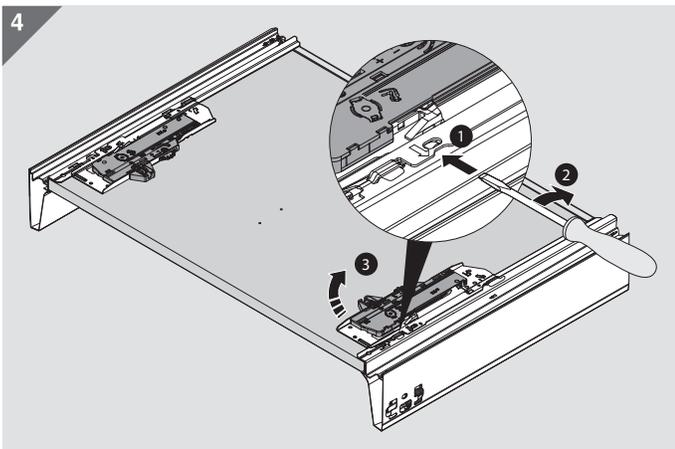
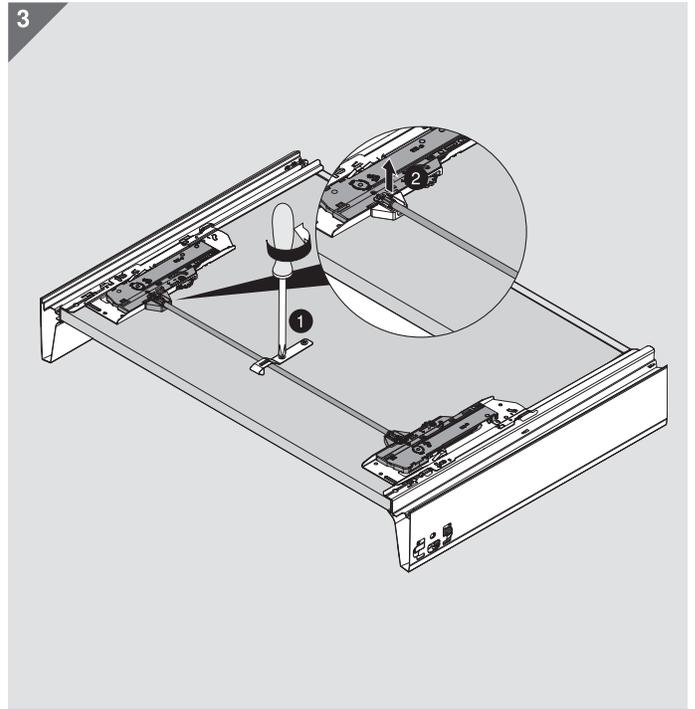
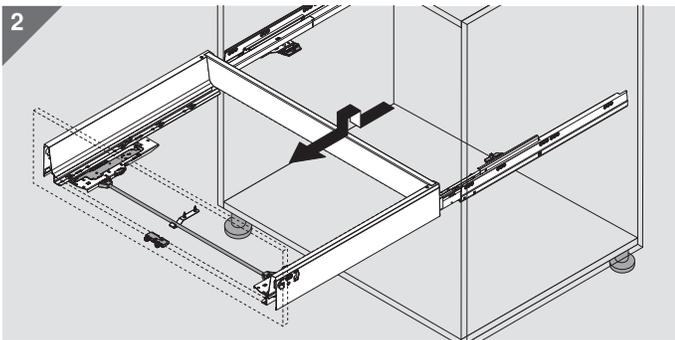
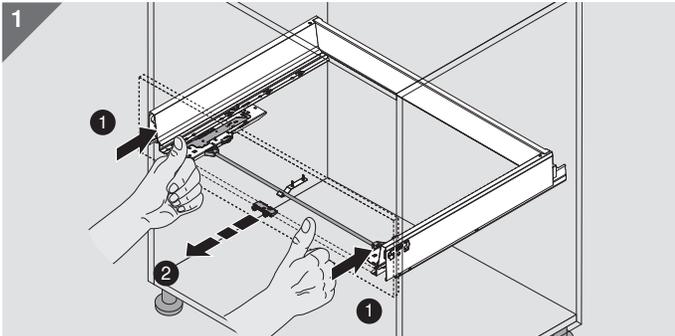
Assembly

Front stabilizer for stabilizing wide and high fronts



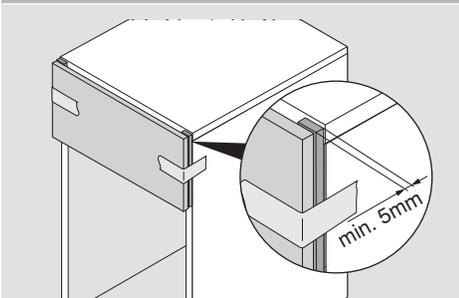
Support for synchronization linkage required for cabinet widths of 750 mm and above



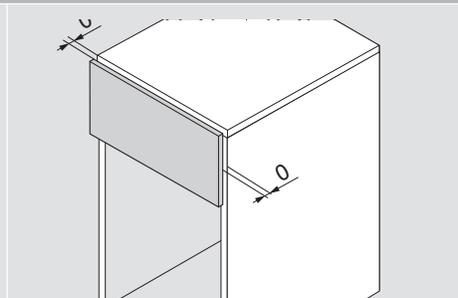


Transportation

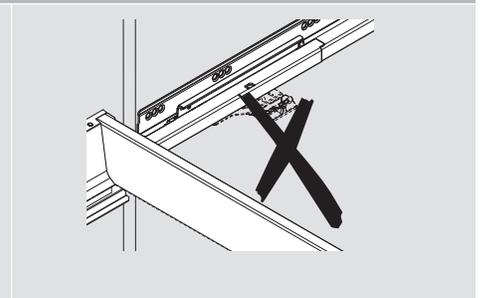
To prevent damage to pre-assembled furniture during transportation:



a) clamp an insert between front and cabinet or



b) adjust the front gap to 0 mm or



c) transport without latch.

Blum

Founded over 60 years ago by Julius Blum, today Blum is an internationally active family-owned company. Its strategic business segments include lift, hinge and pull-out systems. All our product developments focus on perfecting motion.

www.blum.com

The Blum logo consists of a white upward-pointing arrow followed by the word "blum" in a lowercase, sans-serif font. The entire logo is set against a red background.





Blum in Austria and around the world

The company has seven plants in Vorarlberg, Austria, additional production sites in Poland, the USA and Brazil and 28 subsidiaries/representative offices. Blum supplies more than 120 markets. The Blum Group employs 6.900 people in total, 5.300 of whom work in Vorarlberg.



Global customer benefits

"Whether manufacturer, distributor, fitter or kitchen user – everybody should personally enjoy the benefits of Blum products" – that is Blum's philosophy on global customer benefits.



Innovations

To support customers with innovative fittings solutions and secure long-term success for the company, we need to consistently invest in research and development, in plants and facilities and in employee training. With more than 2,600 patents worldwide, Blum is one of Austria's most innovative companies.



Quality

At Blum, the comprehensive concept of quality does not only apply to products. Services and our cooperation with customers and partners should also meet the same quality requirements.



Environment

At Blum, we believe that responsible ecological behaviour has long-term economic benefits. The longevity of products is just one of many important aspects. Other important measures include the use of environmentally friendly processes, the intelligent use of materials and prudent energy management.



DYNAMIC SPACE

Good workflows, optimum use of storage space and high quality of motion are important features of a practical kitchen. Blum's ideas for practical kitchen are designed to bring function, convenience and ergonomics to furniture interiors.





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