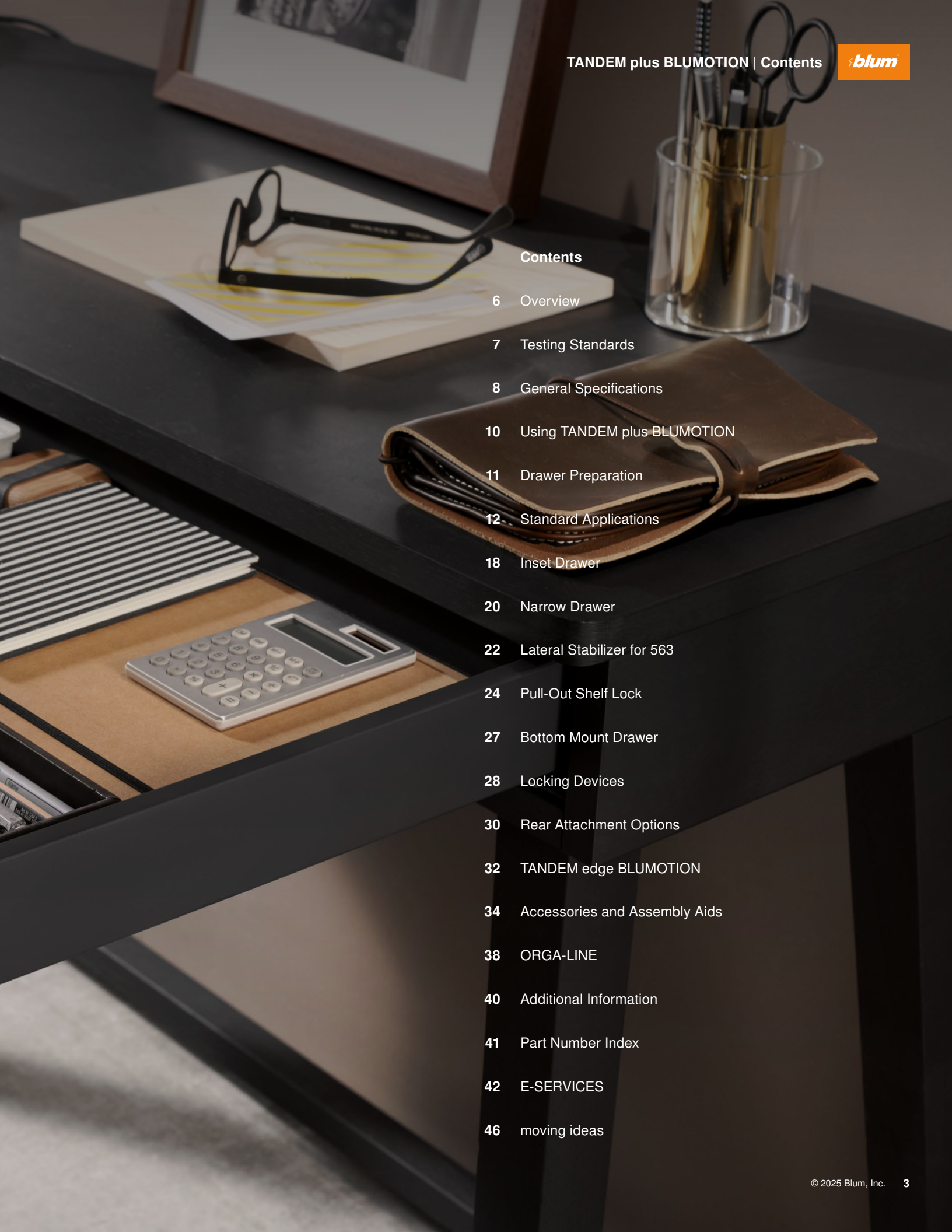


TANDEM plus BLUMOTION

Premium Concealed Runners
for Wood Drawers

TANDEM plus BLUMOTION

TANDEM plus BLUMOTION is Blum's concealed drawer runner system engineered for smooth and reliable performance. The integrated BLUMOTION soft-close technology ensures that drawers close gently each time. Designed for wood drawers with tool-free adjustments that ensure a precise, custom fit, TANDEM plus BLUMOTION provides a tailored solution for all cabinetry. Whether for kitchens, bathrooms or other parts of the home, this system elevates the user experience, ensuring long-lasting quality in every drawer.

The background of the page is a photograph of a dark, modern desk. On the desk, there is a pair of black-rimmed glasses resting on a white notepad with yellow lines. To the right, a clear glass pen holder contains several pens and a pair of scissors. In the foreground, a silver calculator sits on a light-colored wooden surface, which appears to be a desk drawer or a separate board. A brown leather wallet is also visible on the desk. The overall lighting is soft and professional, highlighting the desk's surface and the various objects on it.

Contents

- 6 Overview
- 7 Testing Standards
- 8 General Specifications
- 10 Using TANDEM plus BLUMOTION
- 11 Drawer Preparation
- 12 Standard Applications
- 18 Inset Drawer
- 20 Narrow Drawer
- 22 Lateral Stabilizer for 563
- 24 Pull-Out Shelf Lock
- 27 Bottom Mount Drawer
- 28 Locking Devices
- 30 Rear Attachment Options
- 32 TANDEM edge BLUMOTION
- 34 Accessories and Assembly Aids
- 38 ORGA-LINE
- 40 Additional Information
- 41 Part Number Index
- 42 E-SERVICES
- 46 moving ideas

Local Manufacturing, Lasting Performance

We take pride in manufacturing TANDEM plus BLUMOTION right here in America, at our North Carolina facility. Built with high-quality domestic and European components, these runners reflect our commitment to American craftsmanship and innovation. By combining advanced manufacturing techniques with rigorous quality standards, we create a product that delivers long-lasting performance—designed to meet the needs of homes and businesses across the country.





Adjustable and Versatile

TANDEM plus BLUMOTION concealed runners offer four-dimensional adjustment, bottom mount holes and exceptional load capacity.

The availability of a wide variety of locking devices, rear mounting brackets, sockets and templates make installation virtually effortless.



The Right Solution for Every Drawer

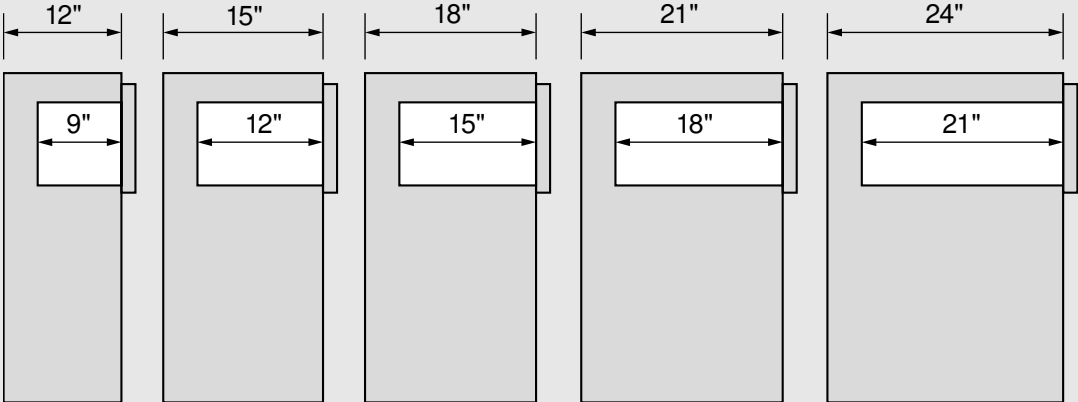
These concealed runners are the perfect solution for almost any drawer. Kitchens, vanities, closets, home office and furniture all benefit from the smooth running and soft closing action of TANDEM plus BLUMOTION.

The customer only sees the beauty of the wood drawers while experiencing the quality of motion and soft closing they have come to expect from Blum products.

Drawer length	TANDEM edge BLUMOTION (7/8 extension)	TANDEM plus BLUMOTION (full extension)		
	Maximum drawer thickness	Maximum drawer thickness		
	5/8"	5/8"	3/4"	
9"	554H	563H	563F	
12"				
15"		563H and 563.		
18"				
21"				
Capacity static/dynamic	100/75 lb*	100/90 lb*		

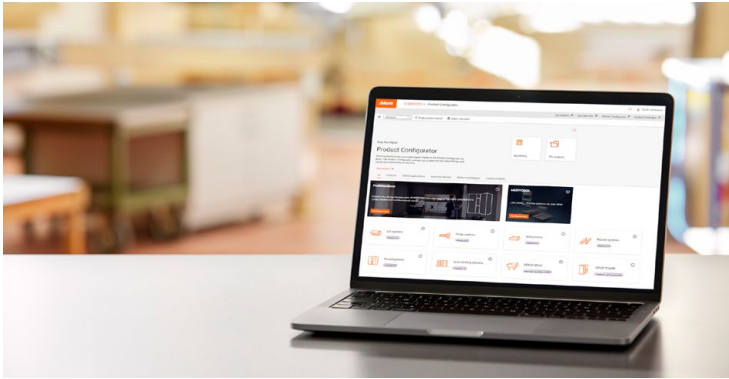
*Per ANSI/BHMA A156.9 Grade 1 standards on a 21" length drawer box

Standard lengths



TANDEM series runners are based on the American standard 3" cabinet depth system, therefore runner lengths are in 3" increments.

TANDEM series runners are available for drawers from 9" to 21" in length.



Easy Planning for TANDEM

Blum's Product Configurator provides a parts list and planning information based on your specifications. Once complete, you can export your results to a shareable document.



Learn more about the Product Configurator:
www.blum.com/configurator



ISO 9001

Blum, Inc. is ISO 9001 certified which means that you are assured of consistent quality in every Blum product.



ANSI/BHMA

All Blum runners meet or exceed ANSI/BHMA A156.9 Grade 1 requirements. Contact your local Blum representative for more details.

General Information

All Blum hardware undergoes strict quality control procedures through all stages of production. Blum hardware is designed for cabinets and cabinet components made from wood, melamine or MDF. Careful attention must be paid to installation and operating instructions when using Blum hardware (see catalogs and instruction sheets for all technical information). The manufacturer must decide on the screws or attachment methods to suit the material being used (i.e. wood, melamine, etc.). The hardware must not be exposed to acidic or corrosive materials (i.e. some household cleaning solutions). To ensure that Blum hardware functions correctly, it must be kept clean and undamaged. For any additional information please contact your Blum representative. Anyone selling Blum hardware must ensure that their customer is aware of any relevant information given in this catalog. Care and cleaning – use a clean, damp cloth.

Conditions of Sale and Delivery

All deliveries and services are based on the “general conditions of sale” which are available upon request. The technical presentations and dimensions in illustrations are non-binding. We reserve the right to make changes to specifications at any time. We do not accept any responsibility for any errors which may occur in the production of this catalog. Contact your local Blum representative for more details.

Complete Runner System

- Full extension concealed runners with BLUMOTION soft-close
- Zinc-coated steel
- Concealed roller carriage with permanently lubricated synthetic rollers
- Available in standard duty
- H and . series for drawers up to 5/8" side material thickness
- F series for drawers up to 3/4" side material thickness
- Elongated holes for depth adjustment
- Bottom mount holes on 15", 18" and 21"
- Tool-free tilt adjustment
- Tool-free rear side-to-side adjustment

Locking Devices

- Stamped steel or zinc die-cast base with synthetic, spring-loaded release levers
- Captive right device, self-aligning left device
- Self-adjusting drawer length tolerance
- Tool-free height adjustment
- Tool-free front side-to-side adjustment
- Available with depth adjustment
- Available for narrow drawers

Rear Mounting Options

- Zinc-coated steel brackets or nylon sockets
- Depth and lateral self-alignment

One Runner for All Applications

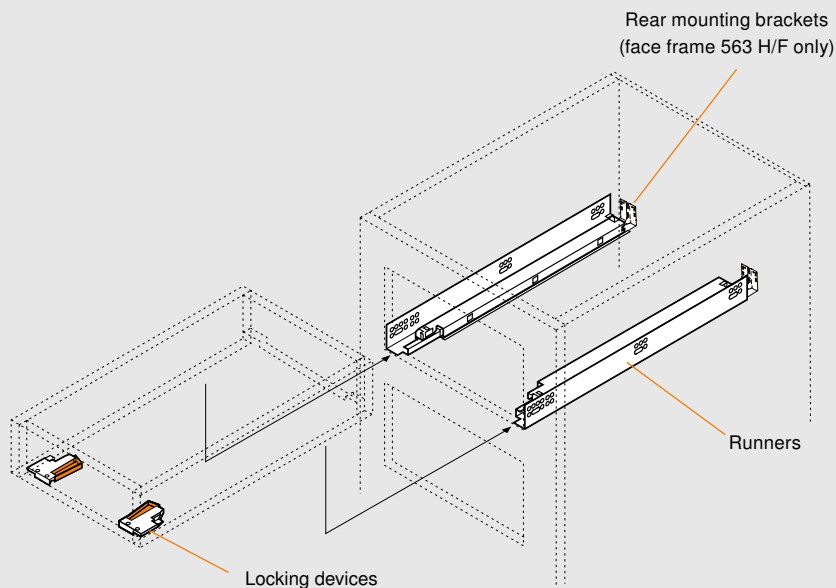
TANDEM runners are designed for the American 3" increment cabinet depth system. This feature permits overlay or inset applications to use the same runner. Full length runners make installation in frameless or face frame cabinets possible.

Load Capacities

- 100 lb static, 75 lb dynamic for TANDEM edge BLUMOTION 554 series
- 100 lb static, 90 lb dynamic for TANDEM plus BLUMOTION 563 series

Drawer components

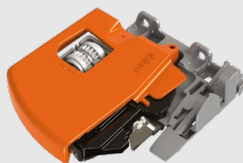
NOTE: For 563. series, rear brackets and sockets cannot be used. Cabinet sides must be blocked-out flush with the inside of the face frame.



NOTE: Rear mounting brackets used for face frame applications only

Locking devices

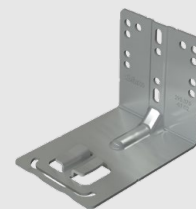
Locking devices allow easy insertion and removal of drawers



page 28

Rear mounting options

For use when installing TANDEM runners in face frame cabinets. Not necessary for frameless cabinet installation.



page 30

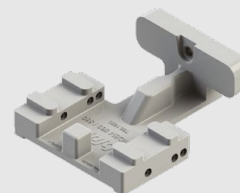
Accessories



page 34

Concealed Runner Template

A required assembly aid for the pre-boring of TANDEM locking device screw holes and rear hook holes

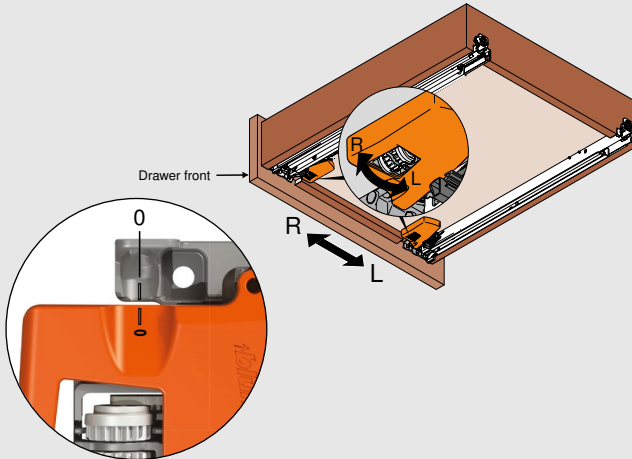


page 35

Front side-to-side adjustment

- 1 Rotate side-to-side adjustment left or right equally on both locking devices. Drawer front moves in the same direction as rotation.

T51.1901.xx with side-to-side adjustment

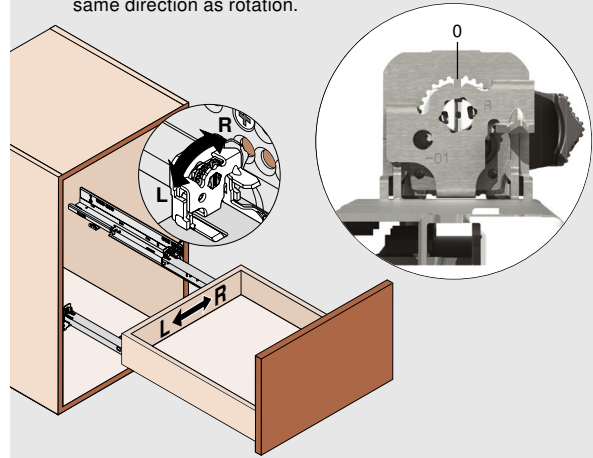


Maximum **1.5 (1/16")** to left or right (tool-free)

NOTE: Not available on T51.x8xx locking devices

Rear side-to-side adjustment

- 2 After front side-to-side adjustment is made with the locking devices, rotate the rear side-to-side adjustment left or right to re-align the back of the drawer box with the front. Drawer back moves in the same direction as rotation.



Maximum **1.5 (1/16")** to left or right (tool-free)

NOTE: The left rear hook is a different design and allows for drawer width tolerances

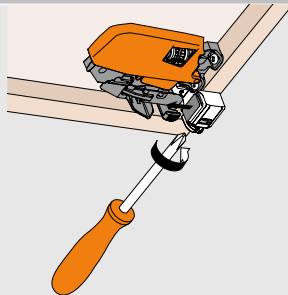
Depth adjustable locking device

Locking device

T51.1901.PS

with side-to-side, height and depth adjustment

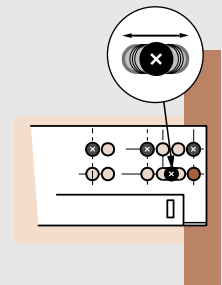
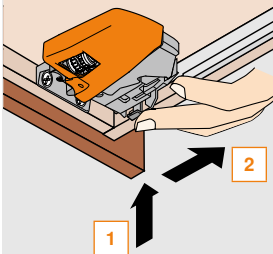
Turning the adjustment screw allows for up to **2.5 (3/32")** out adjustment



page 28

Depth adjustment on runner

TANDEM 563 runners feature elongated holes that allow $\pm 4.5 (3/16")$ depth adjustment

**Height adjustment**

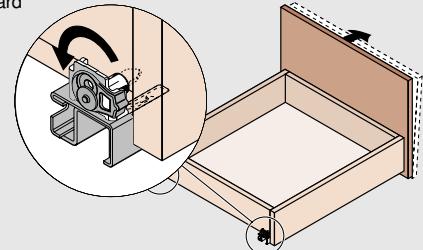
- 1 Press up on adjustment tab
- 2 Push toward back of drawer

Maximum **3 (1/8")** rise of drawer front (tool-free)

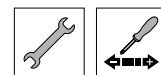
NOTE: Height adjustment available on all TANDEM 563 series locking devices

Tilt adjustment

Rotate the tilt adjustment lever on the rear of each runner to tilt the top of the drawer front forward



Maximum **5 (3/16")** rise of drawer back (tool-free)

Installation and Adjustment Instructions

View TANDEM installation and adjustment videos online

Step 1

Measure cabinet opening

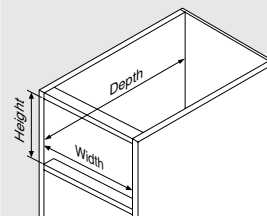
Cabinet opening measurements are needed to determine drawer box size.

Step 2

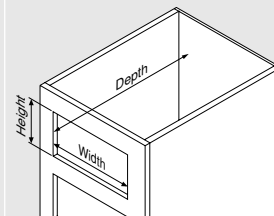
Select TANDEM runners

Choose the TANDEM runner that best fits your desired application, drawer side thickness, load capacity and cabinet depth. Then go to the corresponding catalog page for more specific information.

Frameless cabinet



Frame cabinet

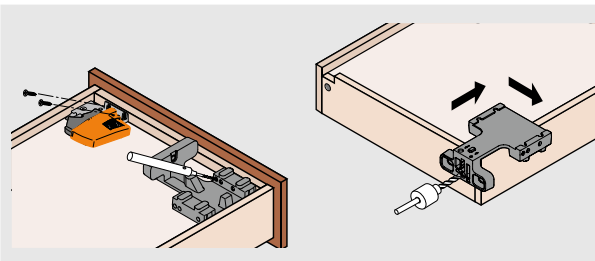


Drawer length	TANDEM edge BLUMOTION (7/8 extension)	TANDEM plus BLUMOTION (full extension)	
	Maximum drawer thickness	Maximum drawer thickness	
	5/8"	5/8"	3/4"
9"	554H	563H	563F
12"		563H and 563.	
15"			
18"			
21"			
Capacity static/dynamic	100/75 lb*	100/90 lb*	

Step 3

Preparing drawer boxes

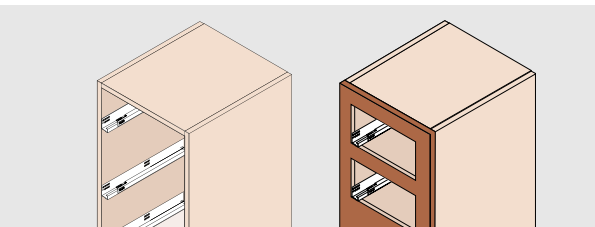
Build drawers according to the specifications given for the TANDEM runners you chose and the measurements determined in Step 1. Install appropriate locking devices and bore holes to accept rear hooks.



Step 4

Attach runners to cabinet

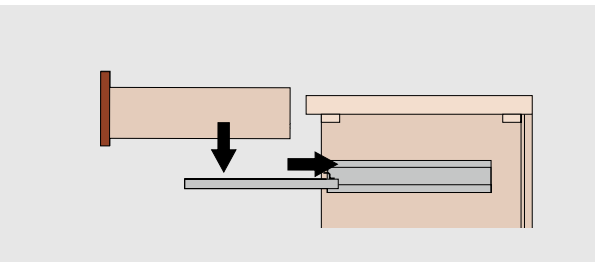
Using the mounting information given for the TANDEM runners you chose, mount the TANDEM runners in the cabinet.



Step 5

Insert drawers

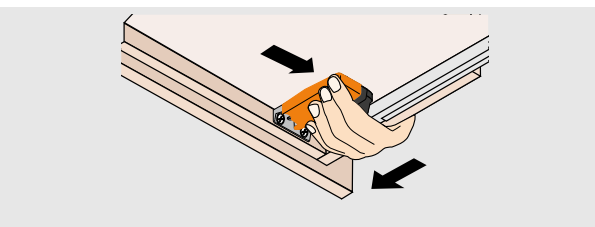
Extend the runners fully. Place the drawer on the runners and close. The locking devices automatically engage with the runners. Make adjustments if necessary.



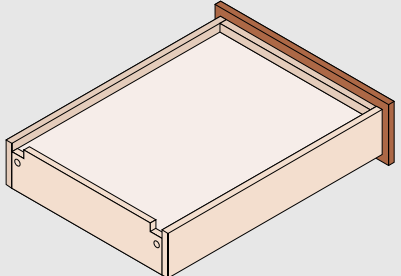
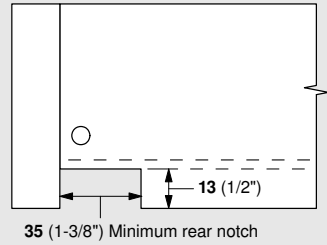
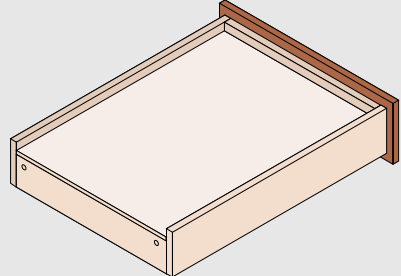
Step 6

Drawer removal

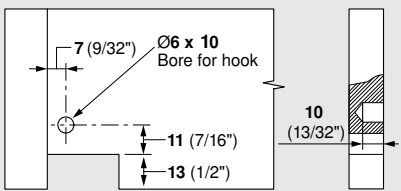
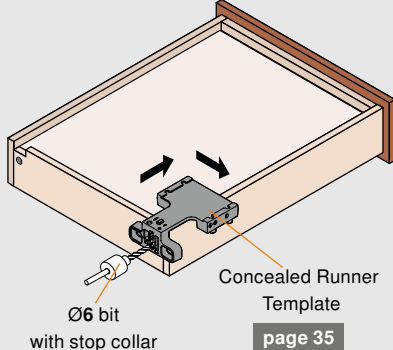
Squeeze orange handles on locking devices and pull drawer straight out and up.



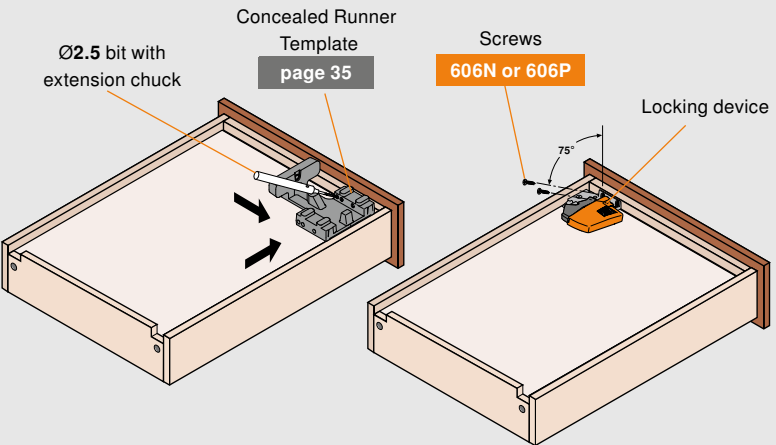
Rear Notching

Dimensions		Option – no notching
	Rear view  35 (1-3/8") Minimum rear notch	
Drawers must be notched in the back to accommodate TANDEM runners	The notches must be flush with the drawer sides and bottom	Make the back panel shorter and extend the drawer bottom to the back of the drawer

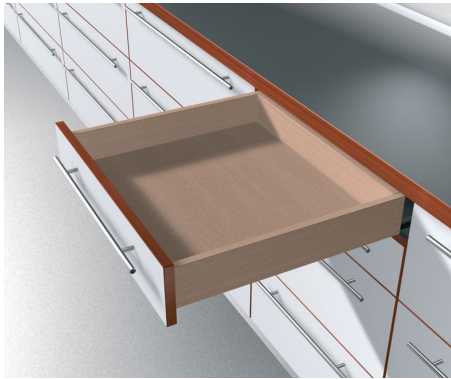
Rear Boring

Dimensions	Boring
Rear view  Drawers require Ø6 holes bored on each side of the back panel to accept the hooks on the back of TANDEM runners	 1 Place template over the drawer side 2 Position template so that the center rib rests against the inside face of the drawer side 3 Set stop collar on Ø6 bit so that it will bore 10 (13/32") deep 4 Hold template firmly and bore hole 5 Repeat on other side NOTE: Using the T65.1600.01 Concealed Runner Template is highly recommended

Locking Devices

Installation	
 Ø2.5 bit with extension chuck Concealed Runner Template page 35 Screws 606N or 606P Locking device	1 Position the Ø2.5 drill bit into the extension chuck so that it will bore 10 (13/32") deep 2 Place template into the front corner of the drawer 3 Bore two holes and repeat on other side 4 Attach locking devices with #6 x 5/8" deep thread wood screws (606N or 606P)
NOTE: The mounting screws must go in at a precise angle and the locking device must fit flush to the drawer bottom to ensure proper function of the complete drawer system NOTE: Using the T65.1600.01 Concealed Runner Template is highly recommended	

Application



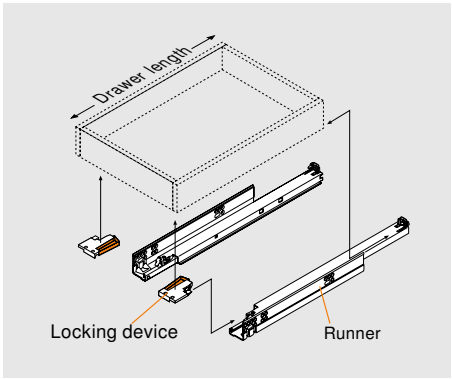
Features

- Four-dimensional adjustment
- Elongated holes for depth adjustment
- Bottom mount holes
- 100 lb static load capacity

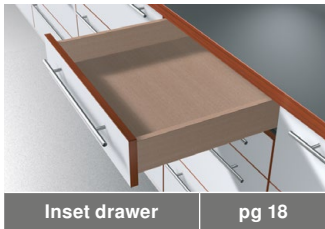
Description

- Full extension concealed runners
- Frameless or blocked-out face frame cabinets
- BLUMOTION soft closing
- TANDEM smooth running action
- Available in 18" and 21" lengths
- **13** (1/2") to **16** (5/8") drawer thickness
- Made in the USA with domestic and European components

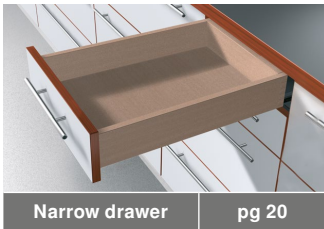
Basic Components



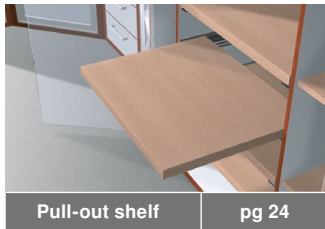
Other Applications



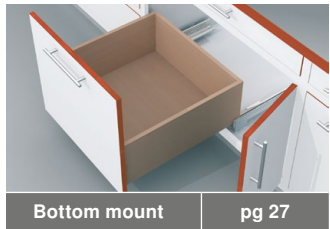
Inset drawer pg 18



Narrow drawer pg 20



Pull-out shelf pg 24



Bottom mount pg 27

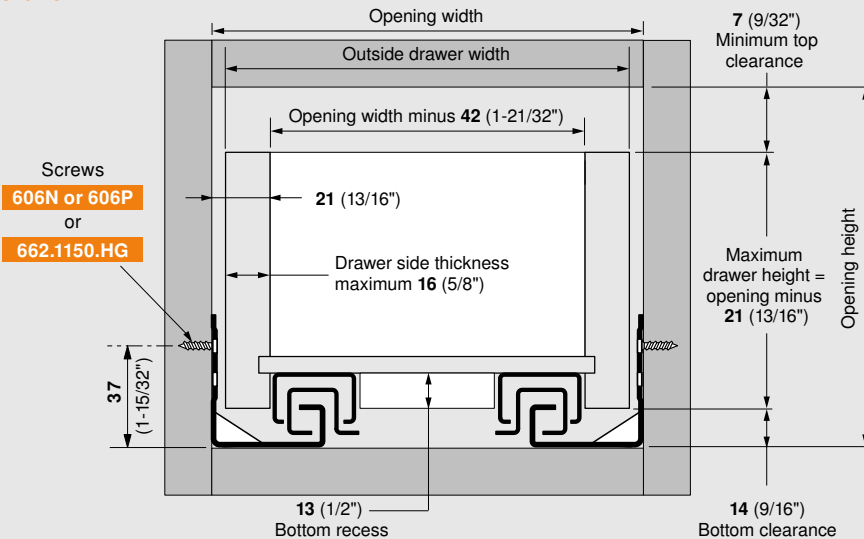
See **page 22** for information on wide drawer applications and optional lateral stabilizer set

Components

Runner set			
One set required per drawer			
	For overall cabinet depth	Drawer length	TANDEM plus BLUMOTION
	610 (24")	533 (21")	563.5330B
	533 (21")	457 (18")	563.4570B
	Wood screw for installation		606N or 606P
	System screw for installation		662.1150.HG

Standard locking device with side-to-side adjustment		
	– One right and one left required per drawer – Captive right and self-aligning left device – Self-adjusting drawer length tolerance – Steel base with synthetic, spring-loaded release levers – Minimum inside drawer width 170 (6-11/16") – Height adjustment +3 (1/8") – Side-to-side adjustment ±1.5 (1/16") – For use with 563 series runners only – For other options see page 28	
	Part no.	
	Right locking device	T51.1901 R
	Left locking device	T51.1901 L
Installation	Installation screw	606N or 606P
page 11		

NOTE: For 563. series runners, rear brackets and sockets cannot be used. Cabinet sides must be blocked-out flush with the inside of the frame. See page 13.

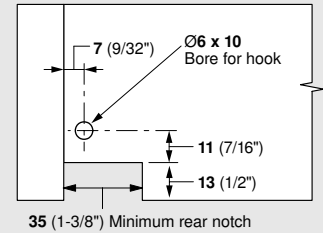
Maximum drawer thickness **16 (5/8")**Lengths available **18" - 21"**Static load capacity **100 lb****Drawer box specifications****Front view**

NOTE: Drawer side material thickness may vary. Accurate measurement of drawer side material thickness should be used when calculating outside drawer width using the table below. Inside drawer width must equal opening width minus 42 (1-21/32") for TANDEM to align and function optimally.

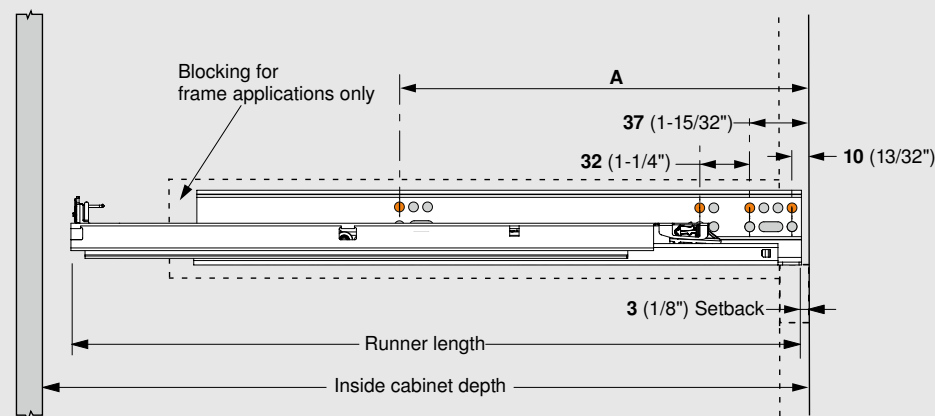
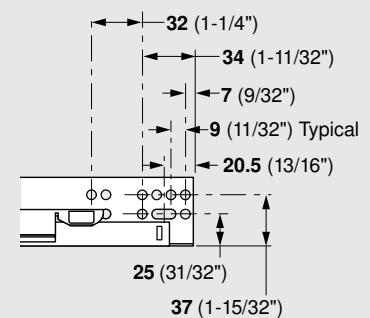
Calculating outside drawer width

For drawer side thickness	16 (5/8")	15 (19/32")	14 (9/16")	13 (1/2")	12 (15/32")
Deduct from opening width	10 (13/32")	12 (15/32")	14 (9/16")	16 (5/8")	18 (23/32")

Example: For 21" opening width and a 5/8" thick drawer, 21" minus 13/32" = 20-19/32" drawer width

Drawer back preparation**Rear view****Runner comparison****Side view****563.****563H**

NOTE: Same hole pattern as the 563H

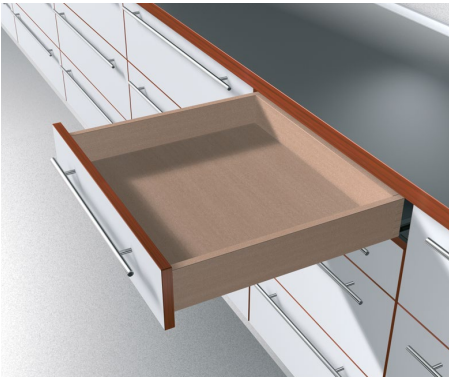
Runner mounting specifications**Side view****Runner close-up**

NOTE: Elongated holes are for ± 4.5 (3/16") depth adjustment only. Additional screws must be used to secure the runner to the cabinet.

NOTE: The orange dots indicate fixing screw locations required to meet specified load ratings

TANDEM plus BLUMOTION	Drawer length	Minimum inside cabinet depth	Runner length	Screw location
				A
563.5330B	533 (21")	557 (21-15/16")	548 (21-9/16")	261 (10-9/32")
563.4570B	457 (18")	480 (18-29/32")	471 (18-17/32")	261 (10-9/32")

Application



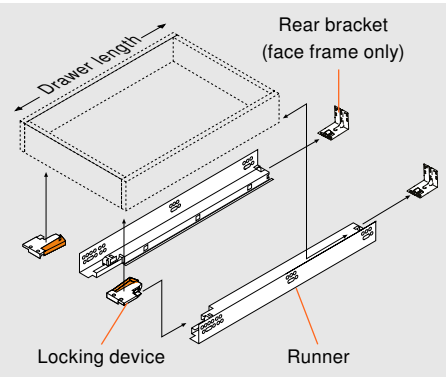
Features

- Four-dimensional adjustment
- Elongated holes for depth adjustment
- Bottom mount holes on 15", 18" and 21"
- 100 lb static load capacity

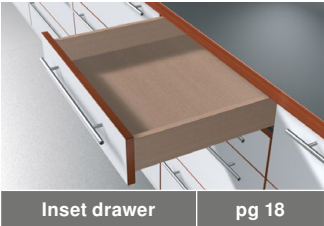
Description

- Full extension concealed runners
- Face frame or frameless cabinets
- BLUMOTION soft closing
- TANDEM smooth running action
- Available in 9" to 21" lengths
- **13 (1/2") to 16 (5/8")** drawer thickness
- Made in the USA with domestic and European components

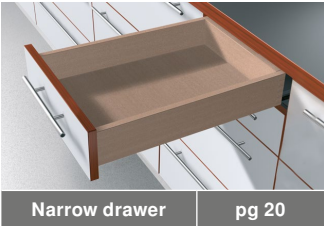
Basic Components



Other Applications



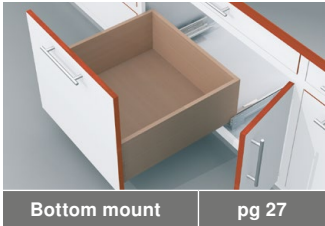
Inset drawer pg 18



Narrow drawer pg 20



Pull-out shelf pg 24

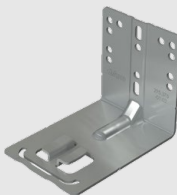


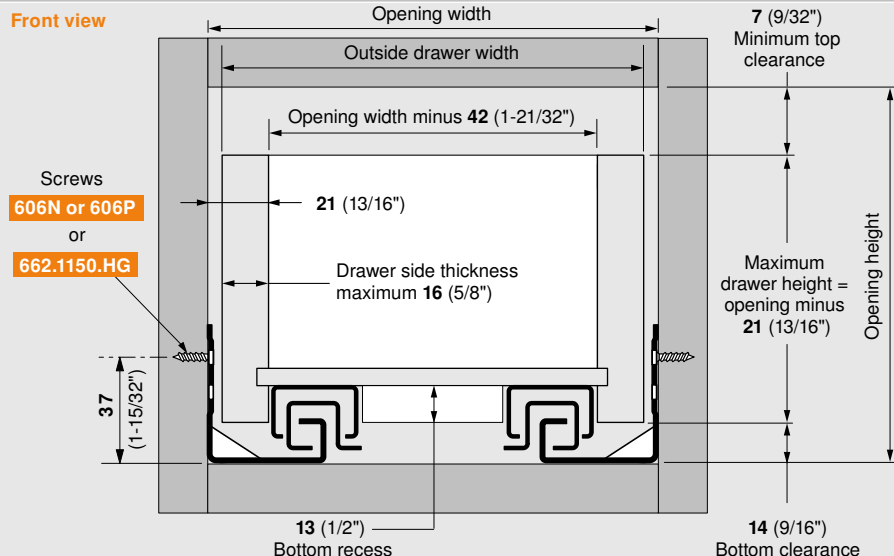
Bottom mount pg 27

See **page 22** for information on wide drawer applications and optional lateral stabilizer set

Components

Runner set			
One set required per drawer			
	For overall cabinet depth	Drawer length	TANDEM plus BLUMOTION
	610 (24")	533 (21")	563H5330B
	533 (21")	457 (18")	563H4570B
	457 (18")	381 (15")	563H3810B
	381 (15")	305 (12")	563H3050B
	305 (12")	229 (9")	563H2290B10
Wood screw for installation			606N or 606P
System screw for installation			662.1150.HG

Standard locking device with side-to-side adjustment			Rear mounting bracket for frame cabinets	
	– One right and one left required per drawer – Captive right and self-aligning left device – Self-adjusting drawer length tolerance – Steel base with synthetic, spring-loaded release levers – Minimum inside drawer width 170 (6-11/16") – Height adjustment +3 (1/8") – Side-to-side adjustment ±1.5 (1/16") – For use with 563 series runners only – For other options see page 28			
	Part no.		Part no.	
	Right locking device	T51.1901 R	Non-handed bracket	295.3750.03
	Left locking device	T51.1901 L	Installation screw	606N or 606P
Installation	page 11	Installation screw	606N or 606P	

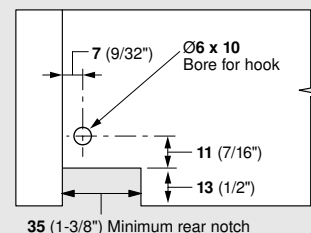
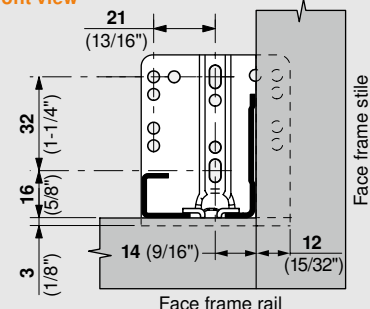
Maximum drawer thickness **16 (5/8")**Lengths available **9" - 21"**Static load capacity **100 lb****Drawer box specifications**

NOTE: Drawer side material thickness may vary. Accurate measurement of drawer side material thickness should be used when calculating outside drawer width using the table below. Inside drawer width must equal opening width minus 42 (1-21/32") for TANDEM to align and function optimally.

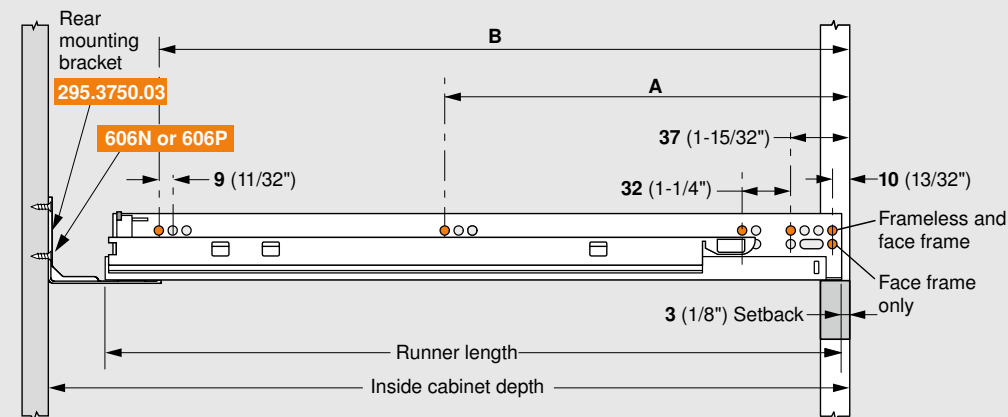
Calculating outside drawer width

For drawer side thickness	16 (5/8")	15 (19/32")	14 (9/16")	13 (1/2")	12 (15/32")
Deduct from opening width	10 (13/32")	12 (15/32")	14 (9/16")	16 (5/8")	18 (23/32")

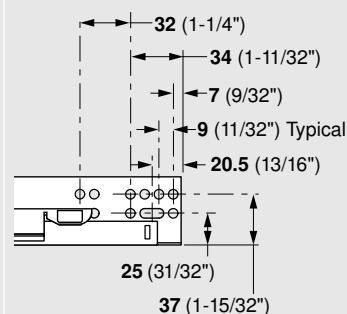
Example: For 21" opening width and a 5/8" thick drawer, 21" minus 13/32" = 20-19/32" drawer width

Drawer back preparation**Rear view****Rear mounting bracket****Front view**

NOTE: For frame applications, use a minimum of three screws per bracket

Runner mounting specifications**Side view**

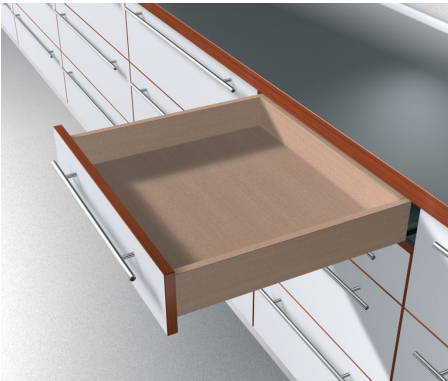
NOTE: The orange dots indicate fixing screw locations required to meet specified load ratings

Runner close-up

NOTE: Elongated holes are for ±4.5 (3/16") depth adjustment only. Additional screws must be used to secure the runner to the cabinet.

TANDEM plus BLUMOTION	Drawer length	Inside cabinet depth with rear attachment		Runner length	Screw locations for frameless cabinets	
		Maximum	Minimum		A	B
563H5330B	533 (21")	599 (23-19/32")	557 (21-15/16")	548 (21-9/16")	261 (10-9/32")	517 (20-11/32")
563H4570B	457 (18")	522 (20-9/16")	480 (18-29/32")	471 (18-17/32")	261 (10-9/32")	453 (17-27/32")
563H3810B	381 (15")	446 (17-9/16")	404 (15-29/32")	395 (15-9/16")	165 (6-1/2")	357 (14-1/16")
563H3050B	305 (12")	370 (14-9/16")	328 (12-29/32")	319 (12-9/16")	165 (6-1/2")	261 (10-9/32")
563H2290B10	229 (9")	299 (11-25/32")	266 (10-15/32")	259 (10-3/16")	133 (5-1/4")	229 (9")

Application



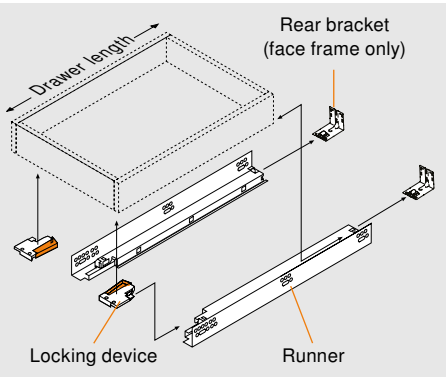
Features

- Four-dimensional adjustment
- Elongated holes for depth adjustment
- Bottom mount holes on 15", 18" and 21"
- 100 lb static load capacity

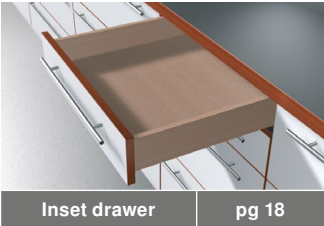
Description

- Full extension concealed runners
- Face frame or frameless cabinets
- BLUMOTION soft closing
- TANDEM smooth running action
- Available in 9" to 21" lengths
- 16 (5/8") to 19 (3/4") drawer thickness
- Made in the USA with domestic and European components

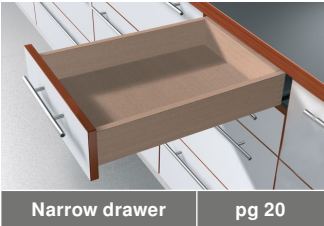
Basic Components



Other Applications



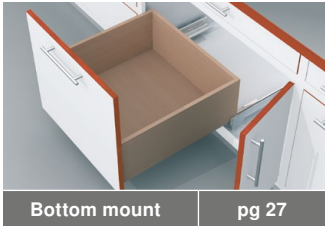
Inset drawer pg 18



Narrow drawer pg 20



Pull-out shelf pg 24



Bottom mount pg 27

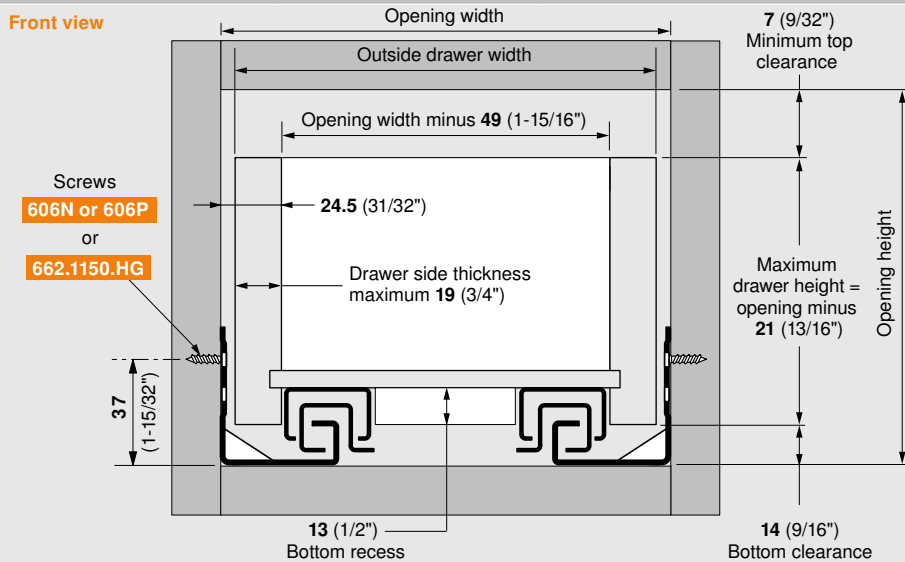
See **page 22** for information on wide drawer applications and optional lateral stabilizer set

Components

Runner set			
One set required per drawer			
	For overall cabinet depth	Drawer length	TANDEM plus BLUMOTION
	610 (24")	533 (21")	563F5330B
	533 (21")	457 (18")	563F4570B
	457 (18")	381 (15")	563F3810B
	381 (15")	305 (12")	563F3050B
	305 (12")	229 (9")	563F2290B10
Wood screw for installation			606N or 606P
System screw for installation			662.1150.HG

Standard locking device with side-to-side adjustment		
	– One right and one left required per drawer – Captive right and self-aligning left device – Self-adjusting drawer length tolerance – Steel base with synthetic, spring-loaded release levers – Minimum inside drawer width 170 (6-11/16") – Height adjustment +3 (1/8") – Side-to-side adjustment ±1.5 (1/16") – For use with 563 series runners only – For other options see page 28	
	Part no.	
	Right locking device	T51.1901 R
	Left locking device	T51.1901 L
	Installation screw	606N or 606P
page 11		

Rear mounting bracket for frame cabinets	
	For use when installing TANDEM runners in face frame cabinets. Not necessary for frameless cabinet installation.
	– Two required per drawer – Depth and lateral self-alignment – Zinc-coated steel – For 9" TANDEM rear bracket options see page 31
	Part no.
	Non-handed bracket
	295.3750.03
	Installation screw
	606N or 606P

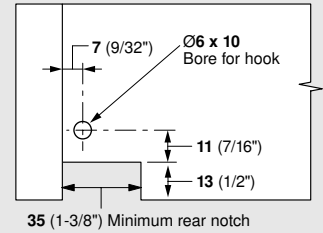
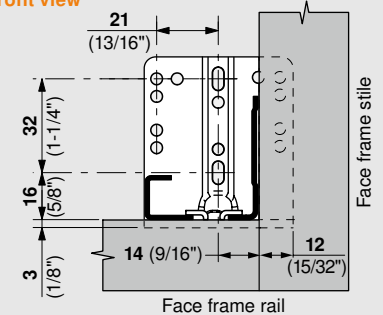
Maximum drawer thickness **19 (3/4")**Lengths available **9" - 21"**Static load capacity **100 lb****Drawer box specifications****Front view**

NOTE: Drawer side material thickness may vary. Accurate measurement of drawer side material thickness should be used when calculating outside drawer width using the table below. Inside drawer width must equal opening width minus 49 (1-15/16") for TANDEM to align and function optimally.

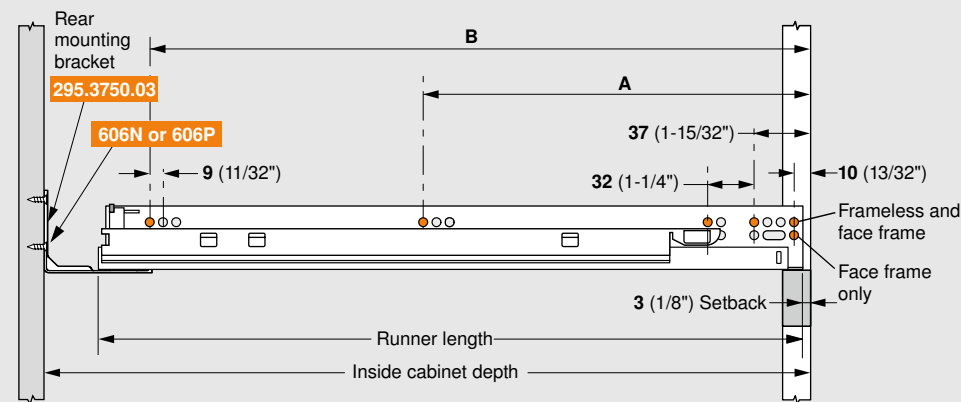
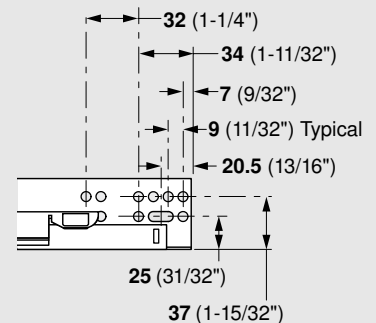
Calculating outside drawer width

For drawer side thickness	19 (3/4")	18 (23/32")	17 (21/32")	16 (5/8")	15 (19/32")
Deduct from opening width	11 (7/16")	13 (1/2")	15 (19/32")	17 (21/32")	19 (3/4")

Example: For 21" opening width and a 3/4" thick drawer, 21" minus 7/16" = 20-9/16" drawer width

Drawer back preparation**Rear view****Rear mounting bracket****Front view**

NOTE: For frame applications, use a minimum of three screws per bracket

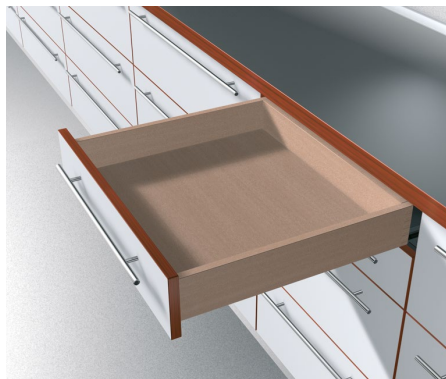
Runner mounting specifications**Side view****Runner close-up**

NOTE: Elongated holes are for ±4.5 (3/16") depth adjustment only. Additional screws must be used to secure the runner to the cabinet.

NOTE: The orange dots indicate fixing screw locations required to meet specified load ratings

TANDEM plus BLUMOTION	Drawer length	Inside cabinet depth with rear attachment		Runner length	Screw locations for frameless cabinets	
		Maximum	Minimum		A	B
563F5330B	533 (21")	599 (23-19/32")	557 (21-15/16")	548 (21-9/16")	261 (10-9/32")	517 (20-11/32")
563F4570B	457 (18")	522 (20-9/16")	480 (18-29/32")	471 (18-17/32")	261 (10-9/32")	453 (17-27/32")
563F3810B	381 (15")	446 (17-9/16")	404 (15-29/32")	395 (15-9/16")	165 (6-1/2")	357 (14-1/16")
563F3050B	305 (12")	370 (14-9/16")	328 (12-29/32")	319 (12-9/16")	165 (6-1/2")	261 (10-9/32")
563F2290B10	229 (9")	299 (11-25/32")	266 (10-15/32")	259 (10-3/16")	133 (5-1/4")	229 (9")

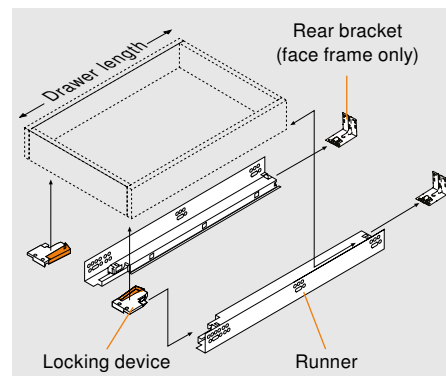
Application



Description

- Uses the same 563 series runner
- Requires increased setback of the runner
- Frame applications require blocking-out behind the face frame

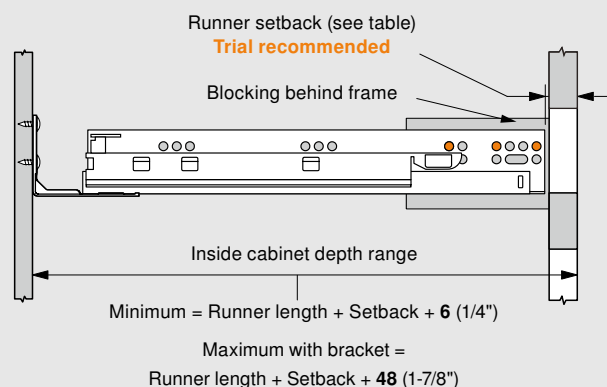
Basic Components



Specifications

Partial block-out

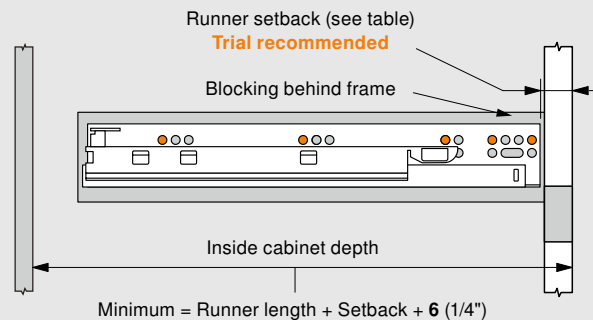
Side view



NOTE: Only for 563 H and F series runners

Complete block-out

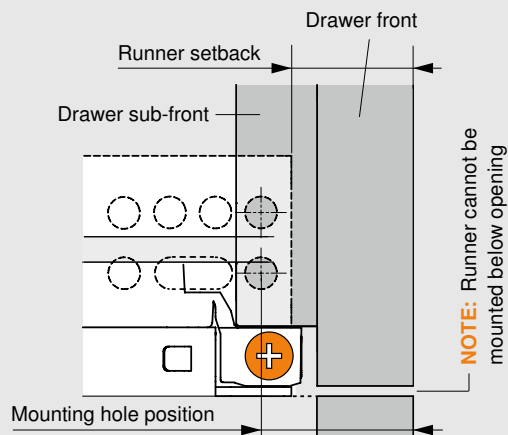
Side view



NOTE: Required for 563. series runner

Setback information

Side view



NOTE: For mounting hole position add 7 (9/32") to runner setback

Runner setback when using depth adjustable locking device (T51.1901.PS)

	563 H/		Runner setback			563 F		Runner setback		
	Sub-front thickness	13 (1/2")	20 (25/32")	23 (29/32")	26 (1-1/32")	Sub-front thickness	13 (1/2")	17 (21/32")	20 (25/32")	23 (29/32")
		16 (5/8")	23 (29/32")	26 (1-1/32")	29 (1-5/32")		16 (5/8")	20 (25/32")	23 (29/32")	26 (1-1/32")
		19 (3/4")	26 (1-1/32")	29 (1-5/32")	32 (1-1/4")		19 (3/4")	23 (29/32")	26 (1-1/32")	29 (1-5/32")
			16 (5/8")	19 (3/4")	22 (7/8")			16 (5/8")	19 (3/4")	22 (7/8")
			Drawer front thickness					Drawer front thickness		

— Setbacks in this table recess the face of the drawer front inside of the cabinet **1 (1/32")**
 — The depth adjustment can then be used to move the drawer front out to its desired position, **2.5 (3/32")** out adjustment only

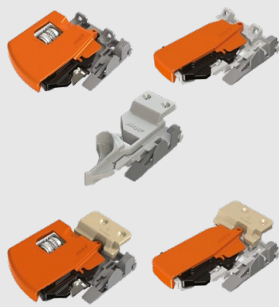
Calculating runner setback

563 H/ (sub-front thickness + drawer front thickness minus **9 (11/32")** = runner setback)

563 F (sub-front thickness + drawer front thickness minus **12 (15/32")** = runner setback)

NOTE: For mounting hole position, add **7 (9/32")** to runner setback

Runner setback when using all other locking devices

	563 H/		Runner setback			563 F		Runner setback		
	Sub-front thickness	13 (1/2")	17.5 (11/16")	20.5 (13/16")	23.5 (15/16")	Sub-front thickness	13 (1/2")	14.5 (9/16")	17.5 (11/16")	20.5 (13/16")
		16 (5/8")	20.5 (13/16")	23.5 (15/16")	26.5 (1-1/32")		16 (5/8")	17.5 (11/16")	20.5 (13/16")	23.5 (15/16")
		19 (3/4")	23.5 (15/16")	26.5 (1-1/32")	29.5 (1-5/32")		19 (3/4")	20.5 (13/16")	23.5 (15/16")	26.5 (1-1/32")
			16 (5/8")	19 (3/4")	22 (7/8")			16 (5/8")	19 (3/4")	22 (7/8")
			Drawer front thickness					Drawer front thickness		

— Setbacks in this table set the face of the drawer front flush with the face of the cabinet
 — If a depth adjustable locking device is needed, please see the locking device and table above

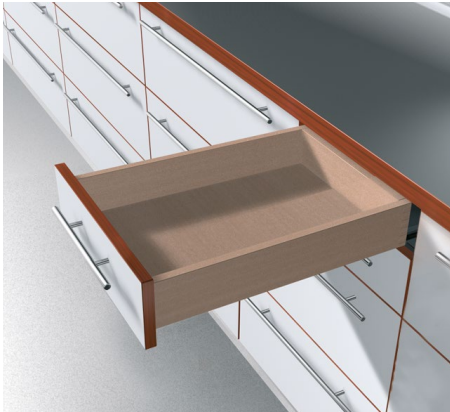
Calculating runner setback

563 H/ (sub-front thickness + drawer front thickness minus **11.5 (7/16")** = runner setback)

563 F (sub-front thickness + drawer front thickness minus **14.5 (9/16")** = runner setback)

NOTE: For mounting hole position, add **7 (9/32")** to runner setback

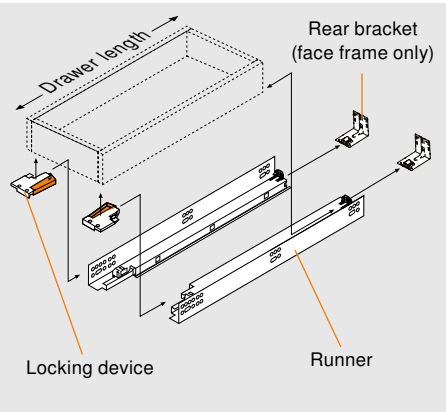
Application



Description

- For inside drawer widths of **95** (3-3/4") to **124** (4-7/8")
- Special narrow locking device required
- Maximum dynamic load rating for narrow drawer locking device is 25 lb
- Minimum **16** (5/8") sub-front thickness

Basic Components



Components

Runner set

One set required per drawer

Narrow drawer applications are possible with any TANDEM plus BLUMOTION runner. See the installation instructions for the runner used.

TANDEM plus BLUMOTION	
563. series	page 12
563H series	page 14
563F series	page 16

Narrow drawer locking device

- One right and one left required per drawer
- For use with narrow drawers
- Maximum dynamic load capacity 25 lb
- Self-adjusting drawer length tolerance
- Vertical mount, two-piece nylon
- Minimum inside drawer width **95** (3-3/4")
- Height adjustment **+3** (1/8")
- Minimum sub-front thickness **16** (5/8")
- Designed for **13** (1/2") drawer bottom recess
- For use with 563 series runners only

Part no.	
Right locking device	T51.0801.20 R
Left locking device	T51.0801.20 L
Installation screw	606N or 606P

page 21

Rear mounting bracket for frame cabinets

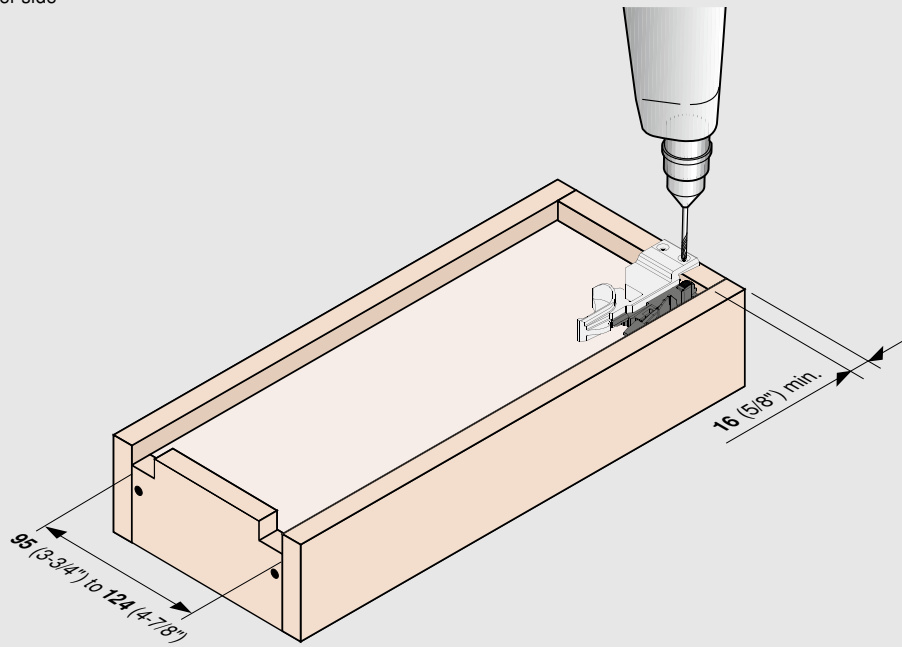
For use when installing TANDEM runners in face frame cabinets. Not necessary for frameless cabinet installation.

- Two required per drawer
- Depth and lateral self-alignment
- Zinc-coated steel
- For 9" TANDEM rear bracket options, see page 31

Part no.	
Non-handed bracket	295.3750.03
Installation screw	606N or 606P

Attach locking devices

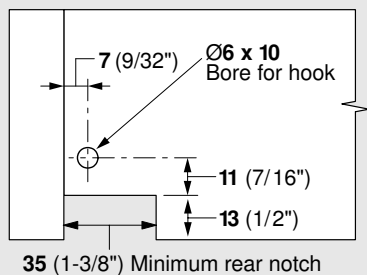
- 1 Position locking device in front corner of the drawer
- 2 Pre-bore locking device mounting screw holes with $\varnothing 2.5$ piloting bit
- 3 Attach with two 606N or 606P screws
- 4 Repeat on the other side



NOTE: A minimum of 16 (5/8") sub-front thickness is required for mounting the narrow drawer locking device

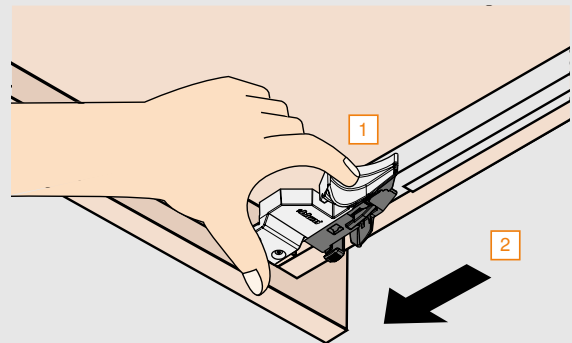
Drawer back preparation

Rear view



Drawer removal

- 1 Squeeze release levers on locking devices
- 2 Pull drawer straight out and up



Application



Description

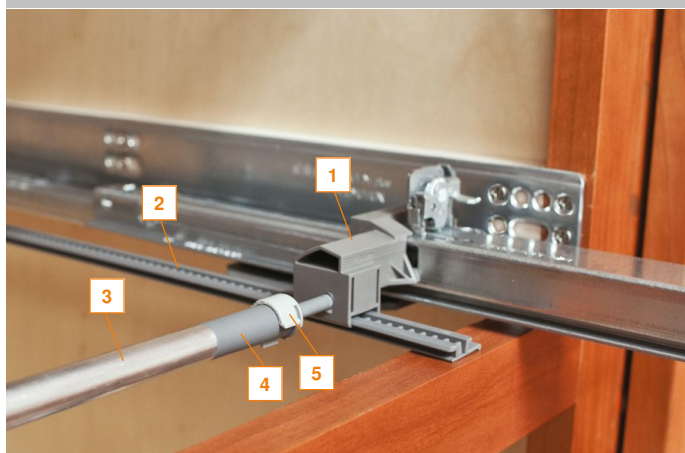
- Increases lateral stability
- Synchronizes left and right runners to prevent drawer racking
- Ideal for wide applications using TANDEM 563 H/. and F series
- Does not increase load capacity
- Optional—recommended when the drawer is more than twice as wide as it is long

Specifications

- Frameless and blocked-out face frame applications **229** (9") to **533** (21") length drawers
- Face frame applications with rear attachment **305** (12") to **533** (21") length drawers



Lateral stabilizer set



Set includes:

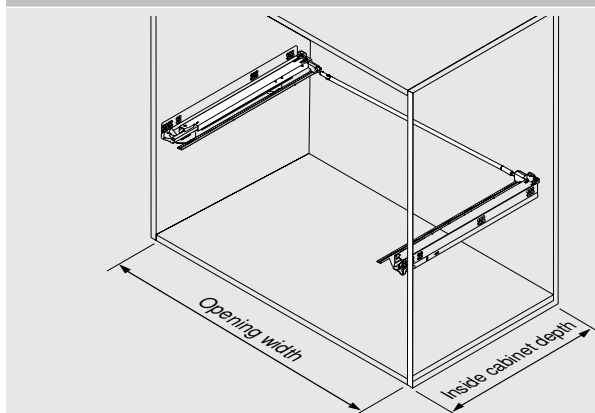
- 1 Pinion housing (qty 2)
 - 2 Gear rack with locating tabs (qty 2)
 - 3 Linkage rod, length **1054** (41-1/2")
 - 4 Pinion adapter (qty 2)
 - 5 Locking clip (qty 2)
- Installation instructions

Part no.

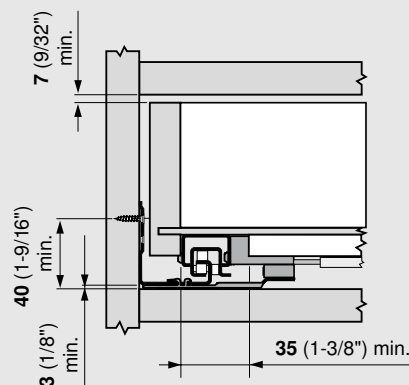
Lateral stabilizer set

ZST.686TU01

Space requirements



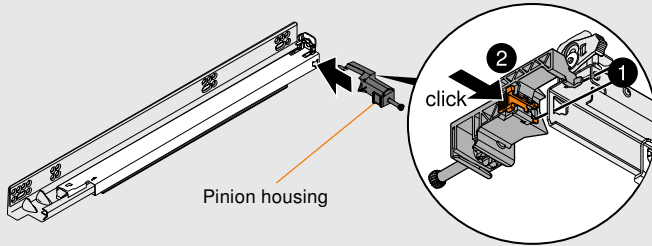
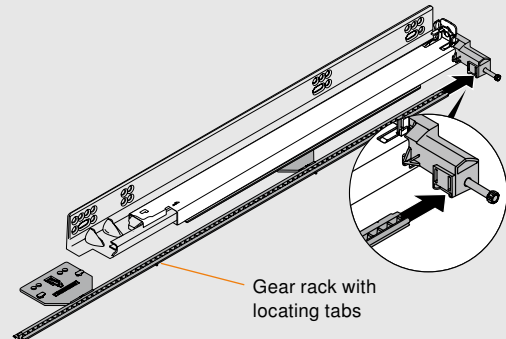
- Maximum opening width **1352** (53-7/32")
- Minimum inside cabinet depth = setback + runner length + **18** (23/32")



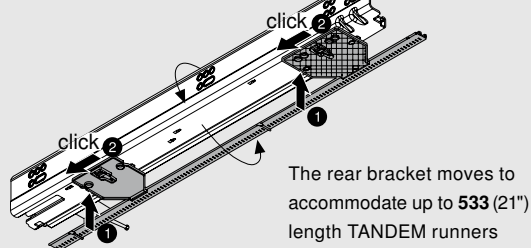
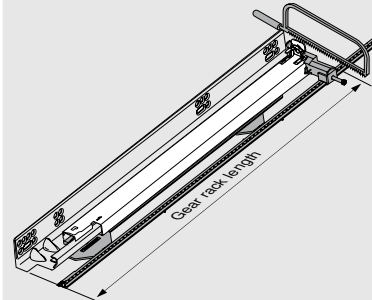
NOTE: TANDEM runners will sit **3 (1/8")** higher when using the lateral stabilizer in bottom mount applications and may have to be raised for some bottom mount drawer applications using SERVO-DRIVE

Step 1 – Attach left and right pinion housings

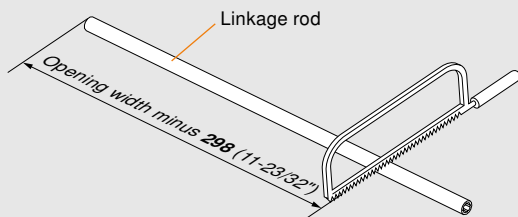
- 1 Insert locating pins into TANDEM runner
- 2 Press orange locking clips to lock into place

**Step 2 – Slide gear racks into pinion housings****Step 3 – Install gear racks**

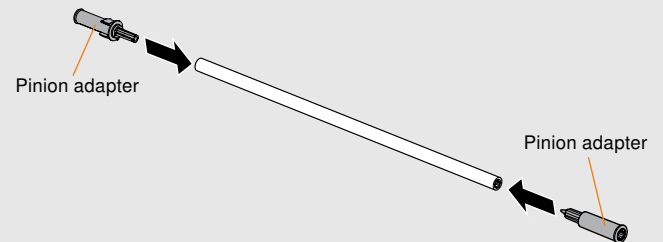
- 1 Insert locating tabs into cut-outs on bottom of runners
- 2 Slide backward to lock into place

**Step 4 – Cut gear racks to length**

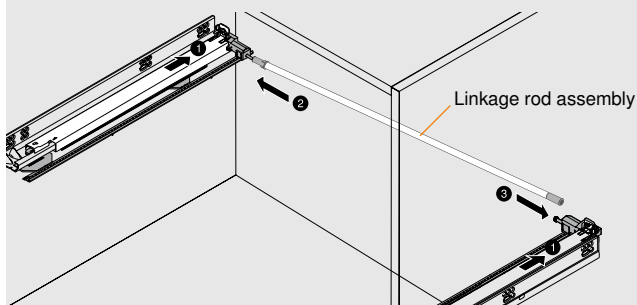
Gear rack length	
563x2290B10	271 (10-21/32")
563x3050B	331 (13-1/32")
563x3810B	407 (16-1/32")
563x4570B	483 (19-1/32")
563x5330B	560 (22-1/16")

Step 5 – Cut linkage rod to length

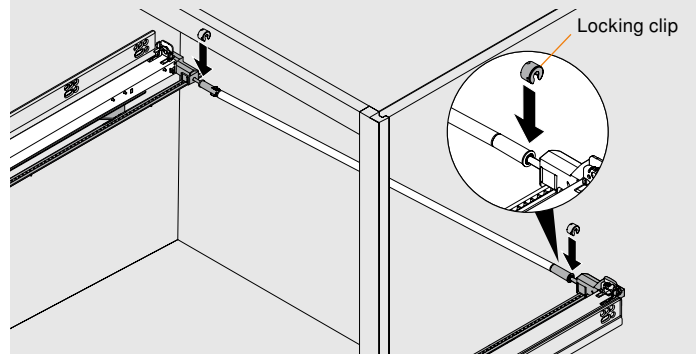
Linkage rod length equals opening width minus **298 (11-23/32")**

Step 6 – Press pinion adapters into linkage rod**Step 7 – Install linkage rod assembly**

- 1 Close drawer runners
- 2 Slide linkage rod assembly onto left pinion
- 3 Slide right pinion adapter onto right pinion

**Step 8 – Install locking clips**

Install locking clips on both adapters



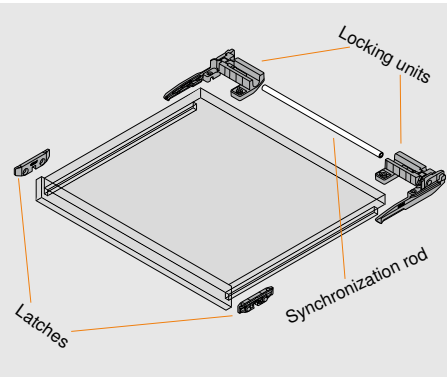
Application



Description

- For TANDEM 563 H/. and all MOVENTO runners
- Can be combined with TIP-ON BLUMOTION
- Two-sided locking for secure hold
- Can be released with one hand from either side of the shelf
- Easy installation with self-aligning components
- No change to runner installation
- Can be easily integrated into the existing manufacturing processes
- Designed for use in frameless or blocked-out face frame applications

Basic Components



Components

Pull-out shelf lock set

- Nylon, orion gray material

Set includes:

- 2 locking units (install with wood screws)
- 2 latches (install with wood or system screws)
- Installation instructions
- Not designed for TANDEM plus BLUMOTION 9" length runners

Part no.	
For frameless	295H5700
Wood screw	606N or 606P
System screw	661.1450.HG

Synchronization rod

- Natural color
- Aluminum material
- Opening width:
Minimum = **212** (8-3/8")
Maximum = **1176** (46-5/16")
- Length **1089** (42-7/8"), cut to size
- Pull-out shelf lock can be released with one hand thanks to the synchronization rod

Part no.	
Synchronization rod	ZST.1089W

NOTE: Length = opening width minus **87** (3-7/16")

Pull-out shelf assembly

Front view

Shelf width: 13 (1/2") - 16 (5/8")

Shelf length: 20 (13/16")

Shelf thickness: 16 (5/8") to 25 (1")

Shelf depth: 10 (3/8")

Shelf height: 13 (1/2")

11 (7/16")

56 (2-3/16")

6 (1/4")

- Shelf width = opening width minus **22** (7/8")
- Shelf length = specified drawer length for runner minus **28** (1-1/8")

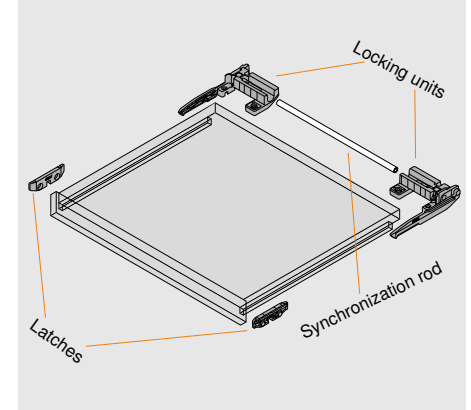
Application



Description

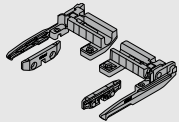
- For TANDEM 563 H/. and all MOVENTO runners
- Can be combined with TIP-ON BLUMOTION
- Two-sided locking for secure hold
- Can be released with one hand from either side of the shelf
- Easy installation with self-aligning components
- No change to runner installation
- Can be easily integrated into the existing manufacturing processes
- Designed for use in face frame applications

Basic Components



Components

Pull-out shelf lock set



- Nylon, orion gray material

Set includes:

- 2 locking units (install with wood screws)
- 2 latches (install with wood or system screws)
- Installation instructions
- Not designed for TANDEM plus BLUMOTION 9" length runners

Part no.

For face frame

295H5750

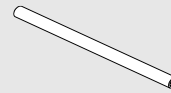
Wood screw

606N or 606P

System screw

661.1450.HG

Synchronization rod



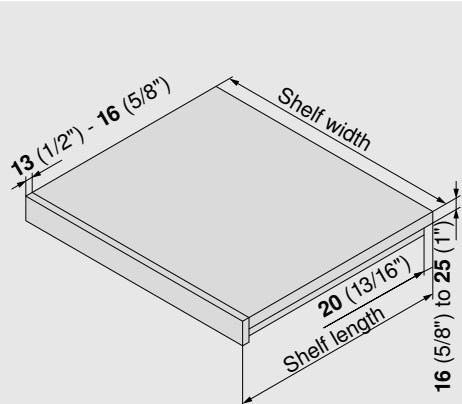
- Natural color
- Aluminum material
- Opening width:
Minimum = **212** (8-3/8")
Maximum = **1176** (46-5/16")
- Length **1089** (42-7/8"), cut to size
- Pull-out shelf lock can be released with one hand thanks to the synchronization rod

Synchronization rod

ZST.1089W

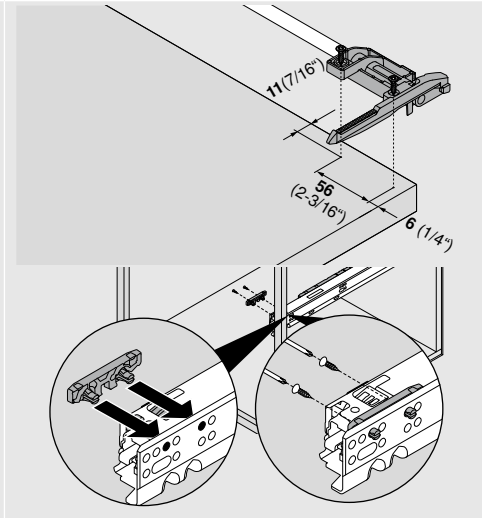
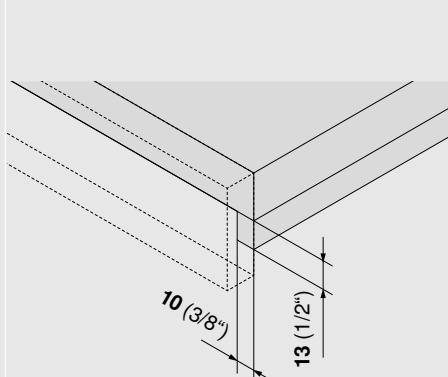
NOTE: Length = opening width minus **87** (3-7/16")

Pull-out shelf assembly



- Shelf width = opening width minus **22** (7/8")
- Shelf length = specified drawer length for runner minus **28** (1-1/8")

Front view





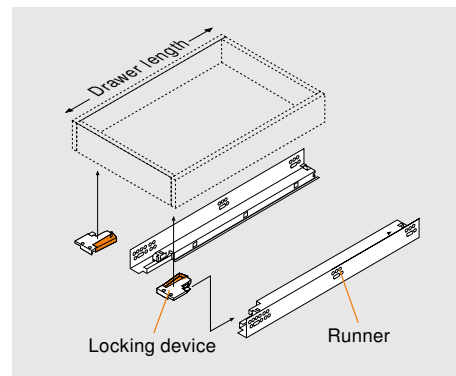
Application



Description

- Use 563H, 563. or 563F series in 15", 18" and 21" lengths
- Face frame or frameless cabinets
- Application is possible with any TANDEM 563 locking device
- **13** (1/2") to **19** (3/4") drawer thickness
- 100 lb static load capacity

Basic Components



Components

Runner set

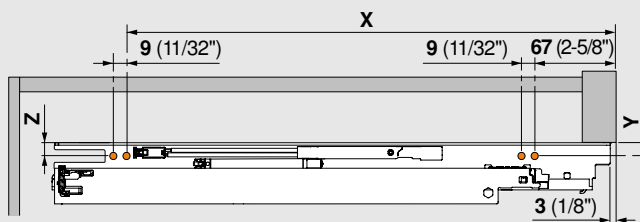
One set required per drawer



Maximum drawer material thickness	For overall cabinet depth	Drawer length	TANDEM plus BLUMOTION
16 (5/8")	610 (24")	533 (21")	563.5330B
	533 (21")	457 (18")	563.4570B
	610 (24")	533 (21")	563H5330B
	533 (21")	457 (18")	563H4570B
	457 (18")	381 (15")	563H3810B
19 (3/4")	610 (24")	533 (21")	563F5330B
	533 (21")	457 (18")	563F4570B
	457 (18")	381 (15")	563F3810B
Wood screw for installation			606N or 606P
System screw for installation			662.1150.HG

Runner mounting specifications

Top view

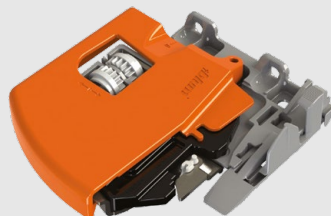


TANDEM plus BLUMOTION	Drawer length	Minimum inside cabinet depth	X	Y	Z
563.5330B	533 (21")	557 (21-15/16")	358 (14-3/32")	12 (15/32")	19 (3/4")
563.4570B	457 (18")	480 (18-29/32")	358 (14-3/32")	12 (15/32")	19 (3/4")
563H5330B	533 (21")	557 (21-15/16")	448 (17-5/8")	12 (15/32")	19 (3/4")
563H4570B	457 (18")	480 (18-29/32")	378 (14-7/8")	12 (15/32")	19 (3/4")
563H3810B	381 (15")	404 (15-29/32")	319 (12-9/16")	12 (15/32")	19 (3/4")
563F5330B	533 (21")	557 (21-15/16")	448 (17-5/8")	15.5 (5/8")	22.5 (7/8")
563F4570B	457 (18")	480 (18-29/32")	378 (14-7/8")	15.5 (5/8")	22.5 (7/8")
563F3810B	381 (15")	404 (15-29/32")	319 (12-9/16")	15.5 (5/8")	22.5 (7/8")

With Side-to-Side Adjustment

Standard

One right and one left required per drawer



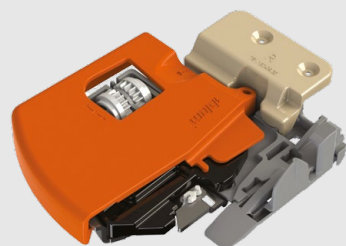
- Ideal for standard overlay applications with tight reveals
- Captive right device and self-aligning left device
- Self-adjusting drawer length tolerance
- Steel base with synthetic, spring-loaded release levers
- Minimum inside drawer width **170** (6-11/16")
- Height adjustment **+3** (1/8")
- Side-to-side adjustment **±1.5** (1/16")

Part no.

Right locking device	T51.1901 R
Left locking device	T51.1901 L
Installation screw	606N or 606P

Vertical mount

One right and one left required per drawer



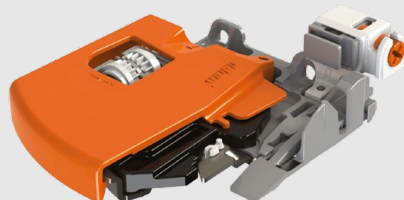
- Ideal for standard overlay applications with tight reveals, convenient vertical mount installation
- Offset holes, designed to minimize sub-front splitting
- Captive right device and self-aligning left device
- Self-adjusting drawer length tolerance
- Steel base with synthetic, spring-loaded release levers
- Minimum inside drawer width **170** (6-11/16")
- Height adjustment **+3** (1/8")
- Side-to-side adjustment **±1.5** (1/16")
- Minimum sub-front thickness **16** (5/8")
- Designed for **13** (1/2") drawer bottom recess

Part no.

Right locking device	T51.1901.20 R
Left locking device	T51.1901.20 L
Installation screw	606N or 606P

Depth adjustable

One right and one left required per drawer

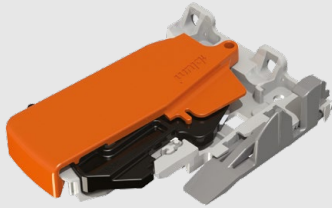


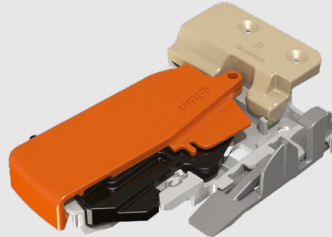
- Ideal for inset applications and any SERVO-DRIVE application
- Captive right device and self-aligning left device
- Self-adjusting drawer length tolerance
- Steel base with synthetic, spring-loaded release levers
- Minimum inside drawer width **170** (6-11/16")
- Height adjustment **+3** (1/8")
- Side-to-side adjustment **±1.5** (1/16")
- Depth adjustment **+2.5** (3/32"), preset at **0**
- Minimum sub-front thickness **13** (1/2")
- Designed for **13** (1/2") drawer bottom recess
- Integrated **3** (1/8") distance bumper for inset or overlay SERVO-DRIVE applications

Part no.

Right locking device	T51.1901.PS R
Left locking device	T51.1901.PS L
Installation screw	606N or 606P

Without Side-to-Side Adjustment

Standard		
One right and one left required per drawer 	– Ideal for standard overlay applications – Captive right device and self-aligning left device – Self-adjusting drawer length tolerance – Zinc die-cast with synthetic, spring-loaded release levers – Minimum inside drawer width 124 (4-7/8") – Height adjustment +3 (1/8")	
	Part no.	
	Right locking device	T51.1801 R
	Left locking device	T51.1801 L
	Installation screw	606N or 606P

Vertical mount		
One right and one left required per drawer 	– Ideal for standard overlay applications, convenient vertical mount installation – Offset holes, designed to minimize sub-front splitting – Captive right device and self-aligning left device – Self-adjusting drawer length tolerance – Zinc die-cast with synthetic, spring-loaded release levers – Minimum inside drawer width 124 (4-7/8") – Height adjustment +3 (1/8") – Minimum sub-front thickness 16 (5/8") – Designed for 13 (1/2") drawer bottom recess	
	Part no.	
	Right locking device	T51.1801.20 R
	Left locking device	T51.1801.20 L
	Installation screw	606N or 606P

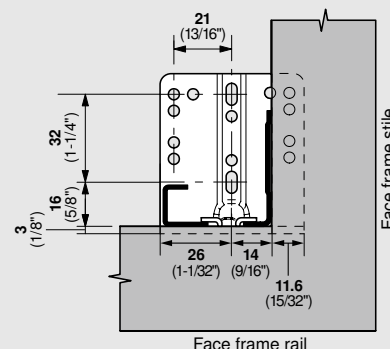
Narrow drawer		
One right and one left required per drawer 	– Ideal for narrow drawer applications, convenient vertical mount installation – Offset holes, designed to minimize sub-front splitting – Maximum dynamic load capacity 25 lb – Captive right device and self-aligning left device – Self-adjusting drawer length tolerance – Vertical mount, two-piece nylon – Minimum inside drawer width 95 (3-3/4") – Height adjustment +3 (1/8") – Minimum sub-front thickness 16 (5/8") – Designed for 13 (1/2") drawer bottom recess	
	Part no.	
	Right locking device	T51.0801.20 R
	Left locking device	T51.0801.20 L
	Installation screw	606N or 606P

Screw-on bracket

Two required per drawer



- For TANDEM 554 and 563 H/F series runners only
- Lateral self-alignment 3 (1/8")
- Non-handed, one-piece stamped steel design, zinc-coated
- Use at least three #6 wood screws
- Not for use with 563 series 9" runners



Part no.

Screw-on bracket

295.3750.03

NOTE: Illustration is for 563 series

Installation screw

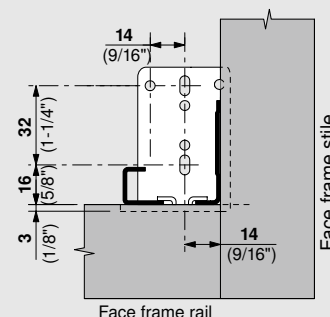
606N or 606P

Narrow screw-on bracket

Two required per drawer



- For TANDEM 554 and 563 H/F series runners only
- For applications with side recess space limitations (end panel)
- Maximum dynamic load capacity 45 lb
- Lateral self-alignment 3 (1/8")
- Non-handed, one-piece stamped steel design, zinc-coated
- Maximum inside cabinet depth is 15 (19/32") less than 295.3750.03 allows
- Use at least three #6 wood screws
- Not for use with 563 series 9" runners



Part no.

Screw-on bracket

295.3550.01

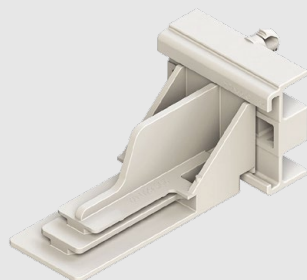
NOTE: Illustration is for 563 series

Installation screw

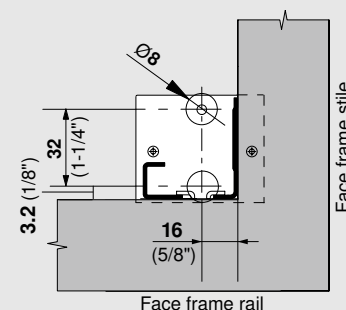
606N or 606P

Plug-in socket

Two required per drawer



- For TANDEM 563 H/F series runners only
- Lateral self-alignment feature
- Non-handed, two-piece design
- Synthetic, natural color
- Non-detachable 8 (5/16") dowels, 9.5 (3/8") long
- 6 (1/4") minimum back panel thickness
- Use at least two #6 flat head wood screws
- Not for use with 9" runners



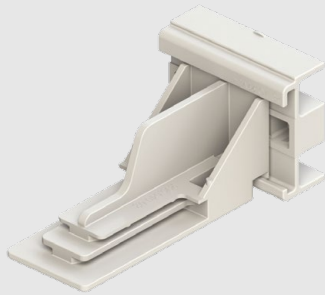
Part no.

Plug-in socket

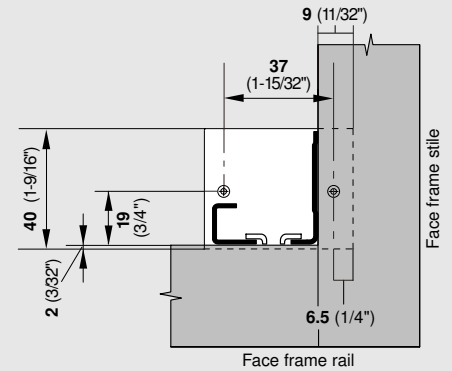
295.6410

Installation screw

606N or 606P

Screw-on socket**Two required per drawer**

- For TANDEM 563 H/F series runners only
- Lateral self-alignment
- Non-handed, two-piece design
- Synthetic, natural color
- Use two #6 flat head wood screws
- Not for use with 9" runners

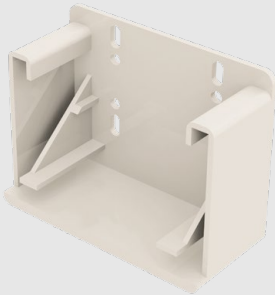


Part no.

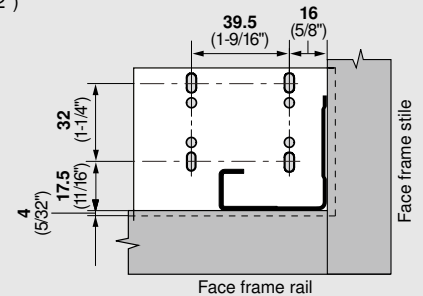
Screw-on socket

295.6400

Installation screw

606N or 606P**Screw-on socket for 9" TANDEM plus BLUMOTION runners****Two required per drawer**

- For TANDEM 563 H/F series 9" runners only
- For use only when installing 9" runners in face frame cabinets
- For inside cabinet depths **266** (10-15/32") to **282** (11-3/32")
- Minimum opening width **156** (6-5/32")
- Lateral self-alignment
- Non-handed, one piece design
- Synthetic, natural color
- Use at least three #6 wood screws

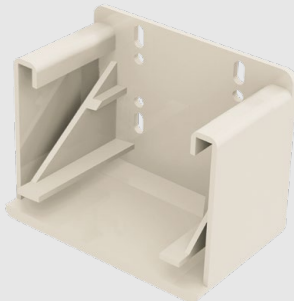


Part no.

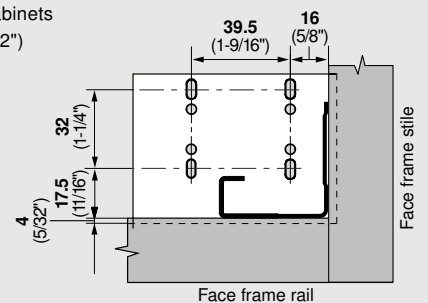
Screw-on socket

295.3700.21

Installation screw

606N or 606P**Screw-on socket for 9" TANDEM plus BLUMOTION runners****Two required per drawer**

- For TANDEM 563 H/F series 9" runners only
- For use only when installing 9" runners in face frame cabinets
- For inside cabinet depths **283** (11-5/32") to **299** (11-25/32")
- Minimum opening width **156** (6-5/32")
- Lateral self-alignment
- Non-handed, one piece design
- Synthetic, natural color
- Use at least three #6 wood screws



Part no.

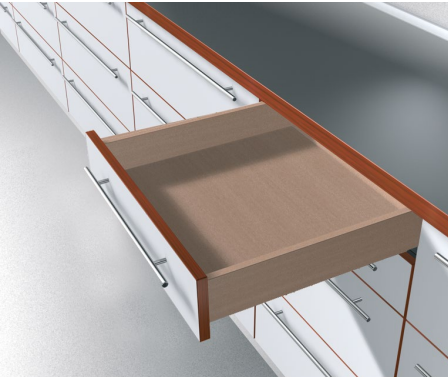
Screw-on socket

295.3700.22

Installation screw

606N or 606P

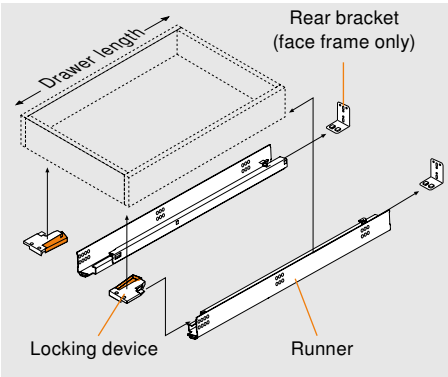
Application



Description

- 7/8 extension concealed runners
- Face frame or frameless cabinets
- BLUMOTION soft closing
- TANDEM smooth running action
- Available in 9" to 21" lengths
- 13 (1/2") to 16 (5/8") drawer thickness
- Locking devices enable easy drawer insertion and removal
- Static load capacity 100 lb

Basic components

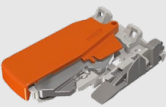


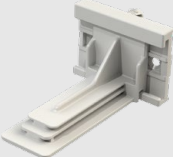
Components

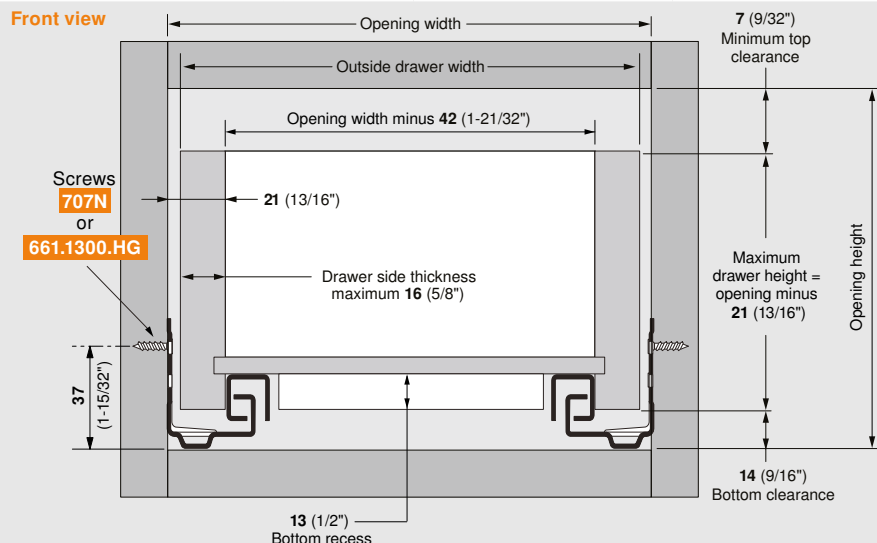
Runner set			
One set required per drawer			
	For overall cabinet depth	Drawer length	TANDEM edge BLUMOTION
	610 (24")	533 (21")	554H5330B01
	533 (21")	457 (18")	554H4570B01
	457 (18")	381 (15")	554H3810B01
	381 (15")	305 (12")	554H3050B01
	305 (12")	229 (9")	554H2290B01
	Wood screw for installation		707N
	System screw for installation		661.1300.HG

Standard locking device		
	– One right and one left required per drawer – Minimum inside drawer width 121 (4-3/4") – For TANDEM edge BLUMOTION series runners only	
	Part no.	
	Right locking device	T51.1400 R
	Left locking device	T51.1400 L
	Installation screw	606N or 606P

Screw-on bracket for frame cabinets		
	For use when installing TANDEM runners in face frame cabinets. Not necessary for frameless cabinet installation.	
	– Two required per drawer – Depth and lateral self-alignment – Zinc-coated steel – Non-handed bracket	
	Part no.	
	Screw-on bracket	295.3750.03
	Installation screw	606N or 612TH

Standard locking device		
	– One right and one left required per drawer – Minimum inside drawer width 121 (4-3/4") – Height adjustment +3 (1/8") – For TANDEM edge BLUMOTION series runners only	
	Part no.	
	Right locking device	T51.1700.04 R
	Left locking device	T51.1700.04 L
	Installation screw	612TH

Plug-in socket for frame cabinets		
	For use when installing TANDEM edge BLUMOTION runners in face frame cabinets. Not necessary for frameless cabinet installation.	
	– Two required per drawer – Lateral self-alignment – Non-handed, two-piece design	
	Part no.	
	Plug-in socket	295.6510.21
	Installation screw	606N or 606P

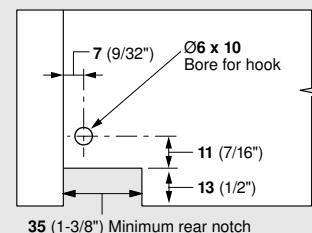
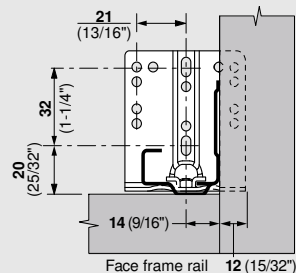
Maximum drawer thickness **16 (5/8")**Lengths available **9" - 21"**Static load capacity **100 lb****Drawer box specifications**

NOTE: Drawer side material thickness may vary. Accurate measurement of drawer side material thickness should be used when calculating outside drawer width using the table below. Inside drawer width must equal opening width minus 42 (1-21/32") for TANDEM to align and function optimally.

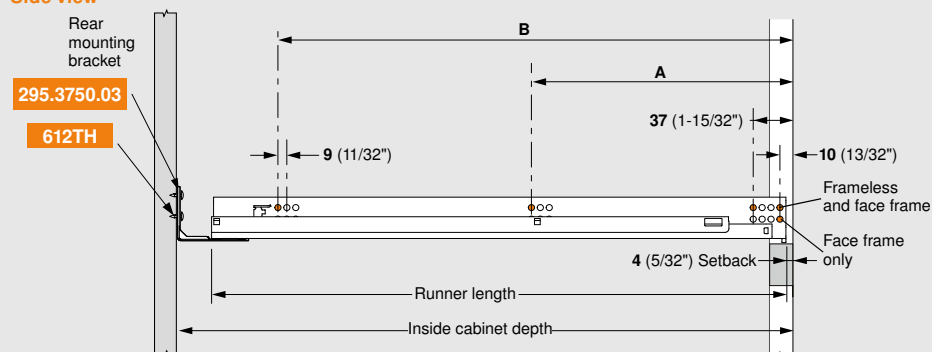
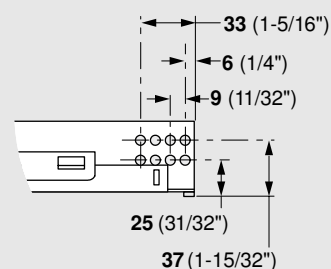
Calculating outside drawer width

For drawer side thickness	16 (5/8")	15 (19/32")	14 (9/16")	13 (1/2")	12 (15/32")
Deduct from inside cabinet width	10 (13/32")	12 (15/32")	14 (9/16")	16 (5/8")	18 (23/32")

Example: For 21" inside cabinet width and a 5/8" thick drawer, 21" minus 13/32" = 20 - 19/32" drawer width

Drawer back preparation**Rear view****Rear mounting bracket****Front view**

NOTE: For frame applications, use a minimum of three screws per bracket

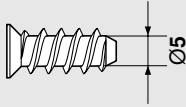
Runner mounting specifications**Side view****Runner close-up**

NOTE: The orange dots indicate fixing screw locations required to meet specified load ratings

TANDEM edge BLUMOTION	Drawer length	Inside cabinet depth with 295.3750.03 bracket		Runner length	Screw locations for frameless cabinets	
		Maximum	Minimum		A	B
554H5330B01	533 (21")	604 (23-3/4")	570 (22-7/16")	560 (22-1/16")	261 (10-9/32")	517 (20-11/32")
554H4570B01	457 (18")	527 (20-3/4")	494 (19-7/16")	484 (19-1/16")	261 (10-9/32")	453 (17-27/32")
554H3810B01	381 (15")	451 (17-3/4")	417 (16-13/32")	407 (16-1/32")	165 (6-1/2")	357 (14-1/16")
554H3050B01	305 (12")	375 (14-3/4")	341 (13-7/16")	331 (13-1/32")	165 (6-1/2")	261 (10-9/32")
554H2290B01	229 (9")	299 (11-3/4")	284 (11-3/16")	274 (10-25/32")	133 (5-1/4")	229 (9")

Deep thread system screw

- Pilot bore $\varnothing 5$ (3/16") hole



Part no.

#6 x 11.5 (7/16"), #2 POZI	662.1150.HG
#7 x 13 (1/2"), #2 POZI	661.1300.HG
#7 x 14.5 (9/16"), #2 POZI	661.1450.HG

Deep thread wood screw

- Pilot bore $\varnothing 2.5$ (3/32") hole



Part no.

#6 x 16 (5/8"), #2 Phillips	606N
#6 x 16 (5/8"), #2 POZI	606P
#7 x 16 (5/8"), #2 Phillips	707N

Truss head wood screw

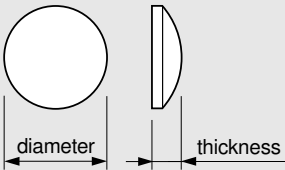
- Pilot bore $\varnothing 2.5$ (3/32") hole



Part no.

#6 x 13 (1/2"), #2 Phillips	612TH
-----------------------------	-------

Bumpers



- Cushions door closing
- Clear with a self-adhesive back

Part no.

$\varnothing 7.5$ (9/32") x 2 (3/32")	FX4041
$\varnothing 12$ (15/32") x 3.5 (1/8")	SJ5312

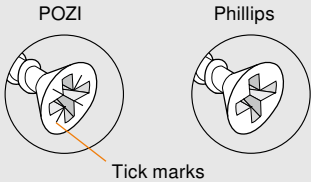
POZI DRIVER and bits



A POZI screwdriver (different from Phillips) is the most crucial tool you can use to assure that full torque is applied to all Blum mounting screws. POZI screws can be identified by the distinctive "tick" marks located in the center of the screw head recess.

POZI

Phillips



Part no.

#2 POZI DRIVER	POZI DRIVER
1/4" Magnetic bit holder	BIT HOLDER
#2 x 1" POZI bit insert	POZI BIT #2x1
#2 x 2" POZI bit insert	POZI BIT #2x2

Side spacer

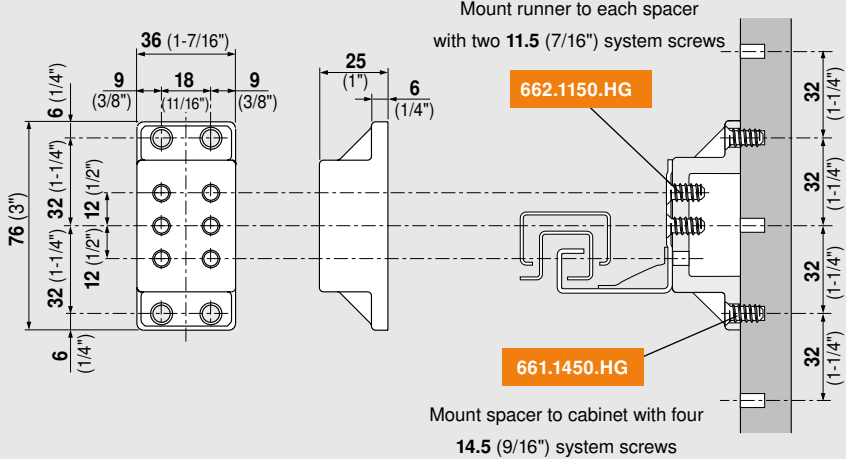
For spacing out TANDEM runners from the cabinet side for clearance in interior roll-out applications



Part no.

Side spacer - 1" thick	T59.3570
------------------------	----------

Side spacer



NOTE: Use (2) pieces per runner up to 381 (15") lengths and (3) pieces per runner 457 (18") or longer

Concealed runner template



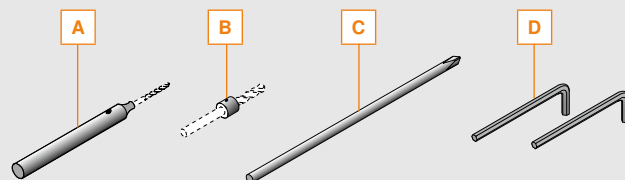
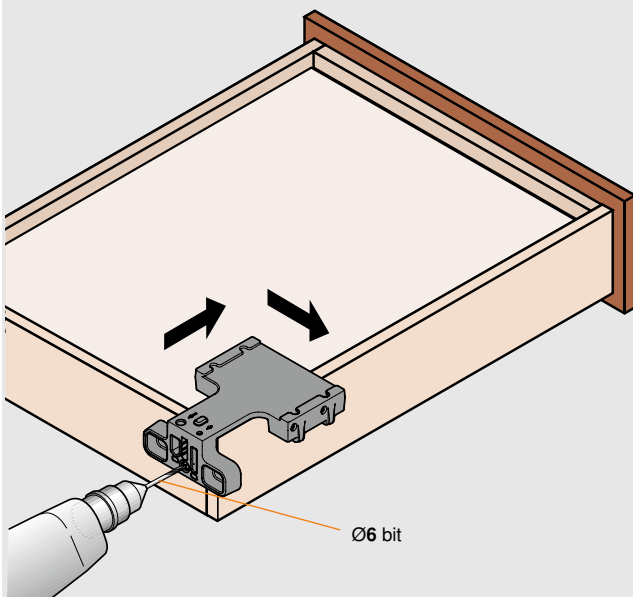
- Essential tool for drawers using any series MOVENTO or TANDEM runners
- Used to bore the Ø6 holes for rear hooks
- Used to pre-bore Ø2.5 hole for MOVENTO and TANDEM locking devices at the required angle

Part no.

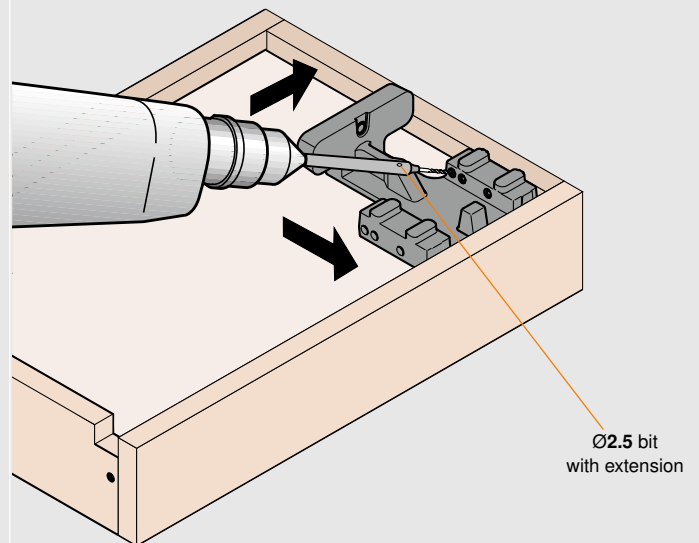
Concealed runner template	T65.1600.01
Accessories (order separately)	
Ø2.5 drill bit	DB-2.5mm
Ø6 drill bit	DB-6mm
Tool set	T65.9000

Using the concealed runner template

1 Bore rear fixing holes



2 Pre-bore holes for locking device screws



Tool set includes:

- A** Ø2.5 drill bit extension
- B** Ø6 stop collar
- C** #2 Phillips screwdriver tip
- D** Allen wrenches

NOTE: Items NOT sold separately

Universal individual template

- Used to pre-bore holes for MOVENTO and TANDEM runners
- Also used for marking/pre-boring other Blum drawer systems, AVENTOS locating pins, hinge mounting plates, BLUMOTION adapters and TIP-ON adapters
- Calibrated scale for accurate setting

Set includes:

- Universal individual template
- Ø2.5 and Ø5 stop collars
- Allen wrench

Part no.	
Universal individual template	65.1051.02

Cabinet profile template set

- Used to pre-bore holes for MOVENTO and TANDEM runners
- Also used for marking/pre-boring other Blum drawer systems, AVENTOS locating pins and hinge mounting plates

Part no.	
Cabinet profile template	65.1000.01
Replacement template	65.1001.01
Ø2.5 drill bit	DB-2.5mm
Ø5 drill bit	DB-5mm

Components

Set includes:

- 1 Rail, 1 meter long
- 2 Replacement template (qty 4)
- 3 Ø2.5 stop collar
- 4 Ø5 stop collar
- 5 Allen wrench

NOTE: ONLY the replacement template is sold separately





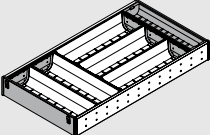
Organization for Functional Kitchens

This adjustable organization solution for wood drawers is ideal for storing items in the kitchen and throughout the home.

The spring loaded compensation tray and side rails ensure that each kit will fit into an inside drawer length from 19-1/4" to 20".

The removable trays are made of high quality nylon and stainless steel, and are dishwasher safe up to 170°F.

Flatware



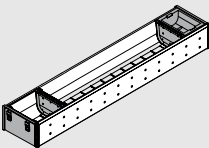
- Width **285** (11-1/4")
- Height **66** (2-5/8")

Part no.

21" drawer length

ZHI.533BI3A

Odds and ends



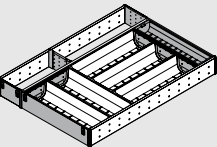
- Width **108** (4-1/4")
- Height **66** (2-5/8")

Part no.

21" drawer length

ZHI.533BI1A

Flatware



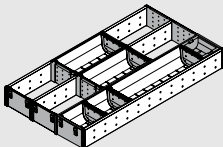
- Width **381** (15")
- Height **66** (2-5/8")

Part no.

21" drawer length

ZHI.533KI4A

Odds and ends



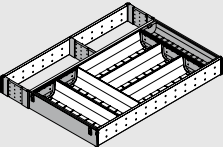
- Width **302** (11-7/8")
- Height **66** (2-5/8")

Part no.

21" drawer length

ZHI.533MI3A

Flatware



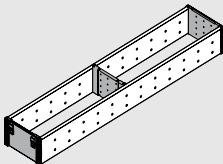
- Width **399 to 417** (15-11/16" to 16-7/16")
- Height **66** (2-5/8")

Part no.

21" drawer length

ZHI.533TI4A

Utensils



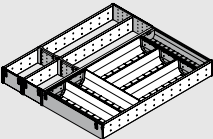
- Width **108** (4-1/4")
- Height **66** (2-5/8")

Part no.

21" drawer length

ZHI.533FI1A

Flatware



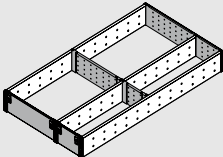
- Width **476 to 494** (18-3/4" to 19-7/16")
- Height **66** (2-5/8")

Part no.

21" drawer length

ZHI.533TI5A

Utensils



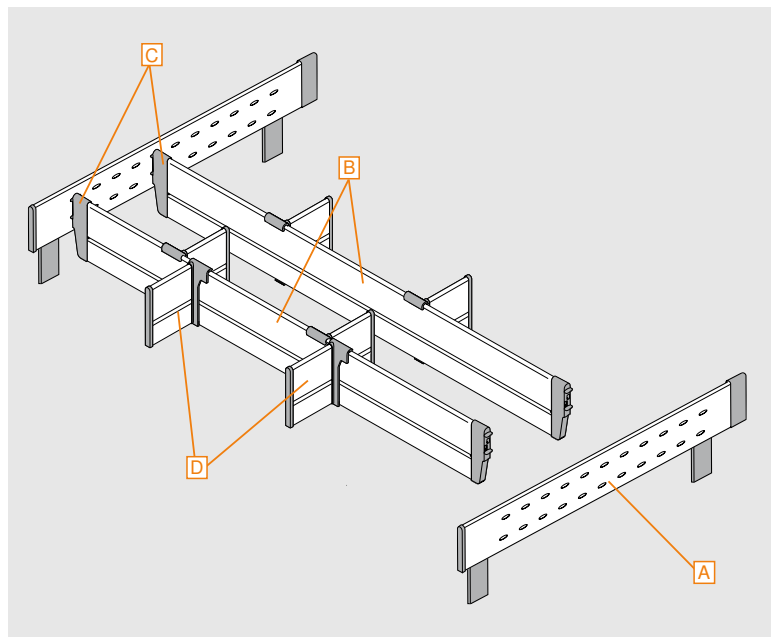
- Width **294** (11-9/16")
- Height **66** (2-5/8")

Part no.

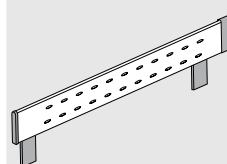
21" drawer length

ZHI.533FI3A

Deep Drawer



A Interior side rail



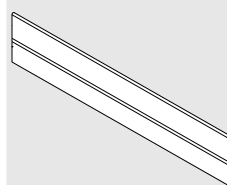
- Two required
- Length **475** (18-11/16")
- Height **131** (5-3/16")

Part no.

Interior side rail

ZHI.533SS65

B Cross divider



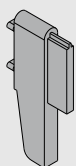
- Length **1077** (42-3/8"), cut to size
- Inside drawer width minus **62** (2-7/16")
- Height **113** (4-1/2")
- Gray

Part no.

Cross divider

Z40H1077A

C Spring loaded connector



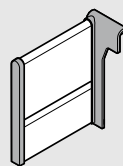
- Two required
- Dust gray

Part no.

Spring loaded connector

Z40H000A

D Lateral divider



- Length **100** (3-15/16")
- Height **116** (4-9/16")
- Gray

Part no.

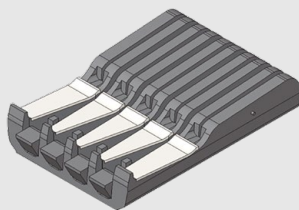
Lateral divider

Z43H100S.01

Accessories

ORGA-LINE knife holder

- Length **282** (11-1/8")
- Width **178** (7")
- Height **56** (2-3/16")
- Holds up to 9 knives of different sizes
- High quality nylon and stainless steel
- Dishwasher safe up to 170°F
- Handle supports (qty 4)



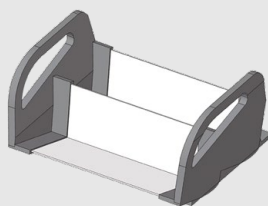
Part no.

Knife holder

ZSZ.02M0

ORGA-LINE spice tray

- Width **282** (11-1/8")
- Inside storage width **260** (10-1/4")
- Height **121** (4-3/4")
- Easy removal from drawer
- High quality nylon and stainless steel
- Set includes two trays and four feet



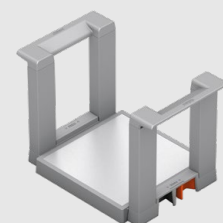
Part no.

Spice tray

ZFZ.38G0I

Plate holder

- Plate diameter **167** to **312** (6-9/16" to 12-5/16")
- Overall width **247** to **392** (9-3/4" to 15-7/16")
- Overall height **170** (6-11/16")
- Holds up to 12 plates
- Non-slip bottom
- High quality nylon and stainless steel



Part no.

Plate holder

ZC7T0350

Conversion chart		
mm	inch	
1	1/32	.031
1.5	1/16	.063
2	3/32	.094
3	1/8	.125
4	5/32	.156
5	3/16	.188
5.5	7/32	.219
6	1/4	.25
7	9/32	.281
8	5/16	.313
9	11/32	.344
9.5	3/8	.375
10	13/32	.406
11	7/16	.438
12	15/32	.469
13	1/2	.5
13.5	17/32	.531
14	9/16	.563
15	19/32	.594
16	5/8	.625
17	21/32	.656
17.5	11/16	.688
18	23/32	.719
19	3/4	.75
20	25/32	.781
20.5	13/16	.813
21	27/32	.844
22	7/8	.875
23	29/32	.906
24	15/16	.938
24.5	31/32	.969
25.4	1	1



SERVO-DRIVE

SERVO-DRIVE is an electrical opening assist for TANDEM, MOVENTO, TANDEMBOX, MERIVOBX and LEGRABOX. Drawers open automatically with just a touch of the drawer front or with a light pull of the handle. This unique feature is based on an electrical drive unit that, once activated, opens the drawer for you.

Existing cabinets can be easily retrofitted with SERVO-DRIVE. No modifications to the drawer system are necessary when upgrading.

With SERVO-DRIVE, the drawer is not connected to the drive unit. This enables the drawer to be stopped at any position, providing you full control.

Stay Connected.

Follow us to discover new products, additional resources, installation tips and insights on maximizing storage space.

Type 'Blum USA' in the search bar to find us!



Our Services at a Glance

Our services support you throughout your entire process – from planning and design, all the way through to manufacturing. Take advantage of our tried-and-tested and user-friendly services for your projects with TANDEM plus BLUMOTION.



Planning, design, quoting

Product Database offers specific product details, photos and CAD data. Our Product Configurator provides you with checked and complete parts lists specifically for your application.



Ordering

To make it easy to order your TANDEM plus BLUMOTION parts, you can manage your different projects and order lists with ease under "My Projects" and "My Order Lists" in the Product Configurator.



Manufacturing

CAM data can be downloaded from the Product Configurator to assist you during the cabinet manufacturing process. Have a Blum EASYSTICK? Transfer BXF files from the Product Configurator directly to your machine.



Assembly, installation

Download our EASY ASSEMBLY app for quick access to assembly and installation instruction sheets and videos. The easy-to-use interface allows you to filter by product type. Save your most used products to your favorites to find the information again quickly.



Marketing

Using our free Marketing Media Library, you can find photos, videos and logos to assist you in your own marketing efforts.



Sign up now for a free
E-SERVICES account.
e-services.blum.com



Find out more about our services:
blum.com/services



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 thick wooden countertop and a man in a striped shirt is standing behind it, smiling and cooking. A drawer under the island is open, revealing organized kitchenware. The background shows a dining area with a round wooden table and chairs, and large windows letting in bright sunlight. The floor is made of light-colored wood in a herringbone pattern.

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 for information on other Blum products
LIT.TDM1100.07.25 Ident. 26288480 © 2025 Blum, Inc.

Blum, Inc.
7733 Old Plank Rd.
Stanley, NC 28164
800-438-6788
blum.com

