



TANDEMBOX

Deluxe Metal Drawer System

blum.com

 **blum**[®]



Contents

TANDEMBOX

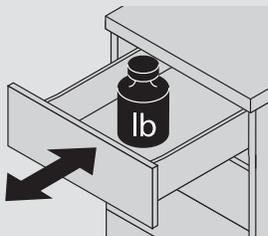
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Blum's Testing Standards

Blum, Inc. is ISO 9001 certified, which means that you can be assured of consistent quality in every Blum product. All Blum runners must pass these tests without showing a measurable reduction in performance or deviation in adjustment position. Testing standards vary between products and applications.

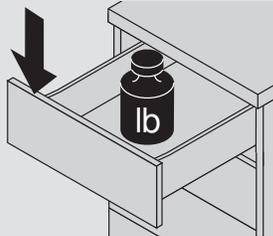
All Blum runners meet or exceed ANSI/BHMA 156.9 grade 1 requirements. Contact your local Blum representative for more details.

Dynamic wear test



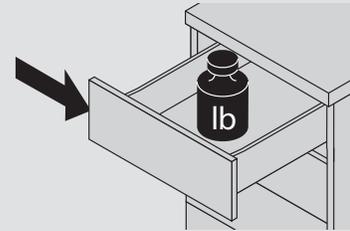
100,000 open/close cycles with a total load of 75 lb on TANDEMBOX 378 and 150 lb on TANDEMBOX 376 550 (22") drawers.

Static load test



10 times for 10 seconds each time when completely extended, 66 lb is applied to the corner of the drawer front of a fully loaded drawer.

Side pressure test



10 times for 10 seconds each time when completely extended, 44 lb is applied to the side of the drawer front of a fully loaded drawer.



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

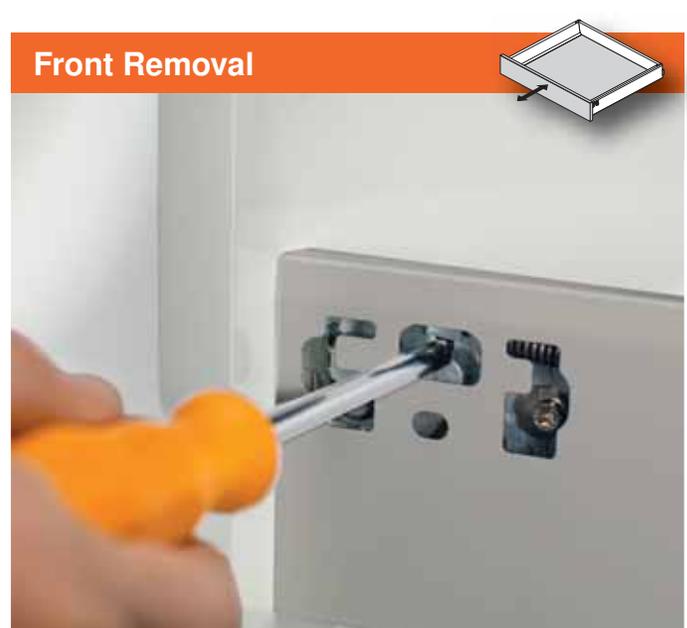
All deliveries and services are based on the "general conditions of sale" which are available upon request. The technical presentations and dimensions in illustrations are non-binding. We reserve the right to make changes to specifications at any time. We do not accept any responsibility for any errors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

Easy Adjustment with Just A Few Turns

One of the many benefits of the TANDEMBOX system is the fully integrated three-dimensional adjustment mechanism. Height, side and front removal can be made easily through the opening in the drawer side beneath the cover cap.

For drawers with gallery rails, tilt adjustment can be achieved by an adjustment at the end of the rail. Additionally, the drawer front can also be removed quickly with just a turn.

Adjustment for TANDEMBOX – N, M and Gallery Drawers



**Elegant Drawer Side Finish**

The drawer sides are available in a stylish gray finish, which include color coordinated cover caps.

**BLUMOTION**

All TANDEMBOX profiles have integrated BLUMOTION soft close technology, creating an unsurpassed opening and closing experience. BLUMOTION adapts to different weights and closing forces to give a smooth and silent close every time. Whether it is a small top drawer or a wide deep drawer, BLUMOTION guarantees the soft close you have come to expect from Blum.

**SERVO-DRIVE**

SERVO-DRIVE is an opening feature for TANDEMBOX. 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. For ordering information please visit blum.com to download the SERVO-DRIVE brochure (LIT.SDR1000).



> Online Resource for Planning

Easy Planning

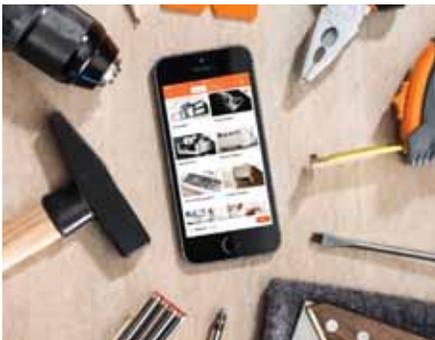
Blum offers many online tools to help you with your kitchen planning and ordering. Online Product Configurator (OPC) offers a parts list and planning information based on your specifications. Once complete, your results can then be exported to a shareable document.

OPC is easily accessible on our website at blum.com/configurator

> Connect With Us on Social Media

Be sure to connect with us on social media for additional resources for information regarding tips on installation, maximizing storage space, new products and other news and events going on inside Blum.

Find us by searching "Blum Inc" in the search bar.



> Easy Assembly App

The Blum Easy Assembly App makes assembling and installing Blum products easy.

With a quick download on your mobile device, Blum's Easy Assembly App is a helpful reference tool that uses instruction sheets and videos to clearly show step-by-step directions for every product. Whether you are in the cabinet shop or on the jobsite, the Easy Assembly App is at your fingertips whenever you need it.

N Height

pages 12 - 15



M Height

pages 16 - 19



B Height
with Single Gallery

pages 20 - 23



D Height
with Single Gallery

pages 24 - 27



D Height
with Double Gallery

pages 28 - 31



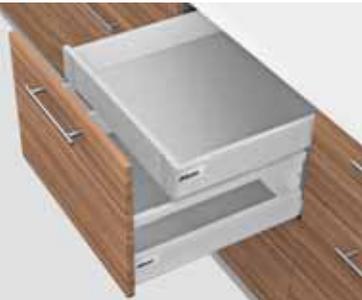
D Height Gallery with
Design Element

pages 32 - 35



M Height
Interior Roll-out

pages 36 - 39



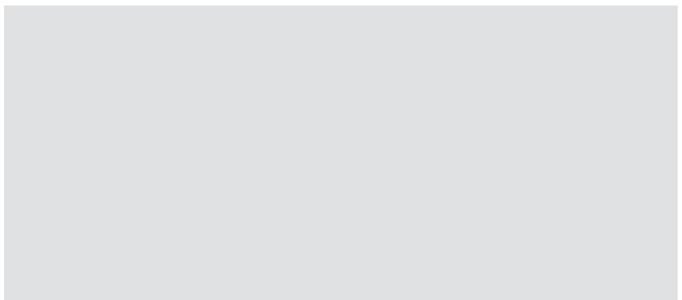
D Height with Single
Gallery Interior Roll-out

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D Height with Double
Gallery Interior Roll-out

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Special Applications

SPACE CORNER
M Height

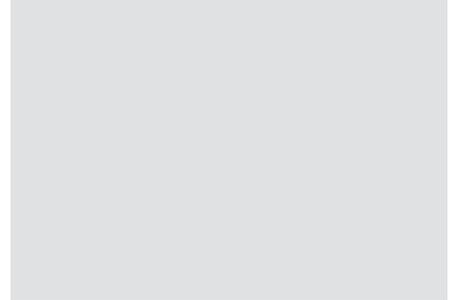


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SPACE CORNER
with Single Gallery



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Dual Sink Drawer

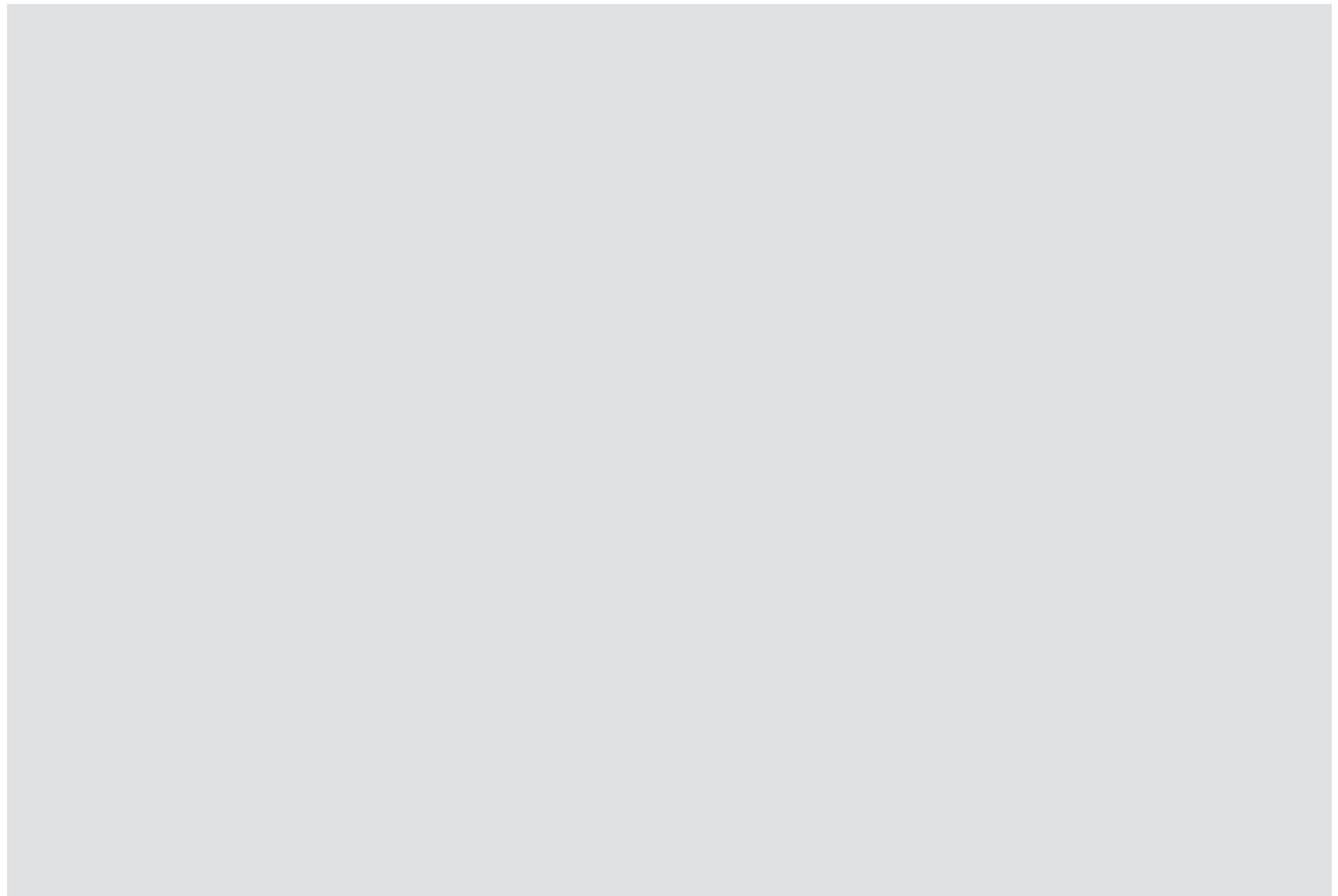
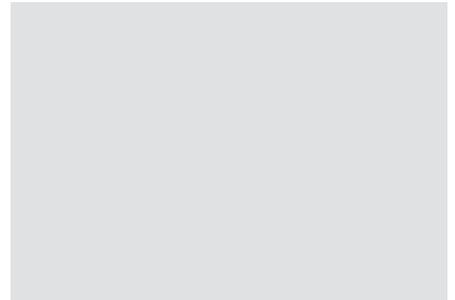


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Waste/recycle Set
with SERVO-DRIVE

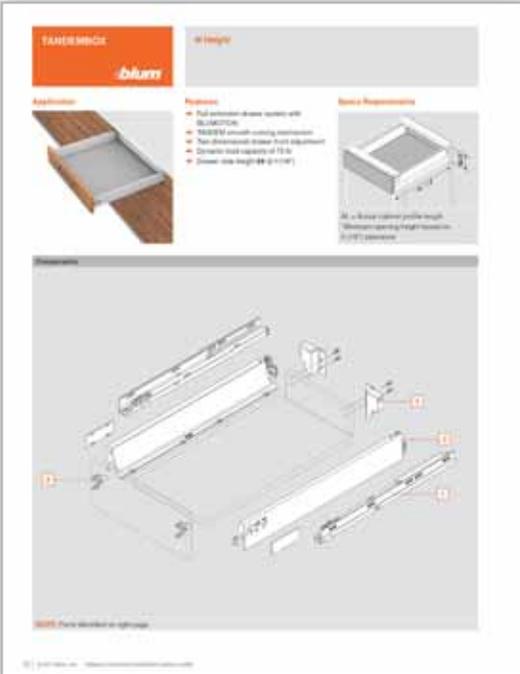


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Application Page

Provides details of the application and an overview of the parts that make up the drawer.



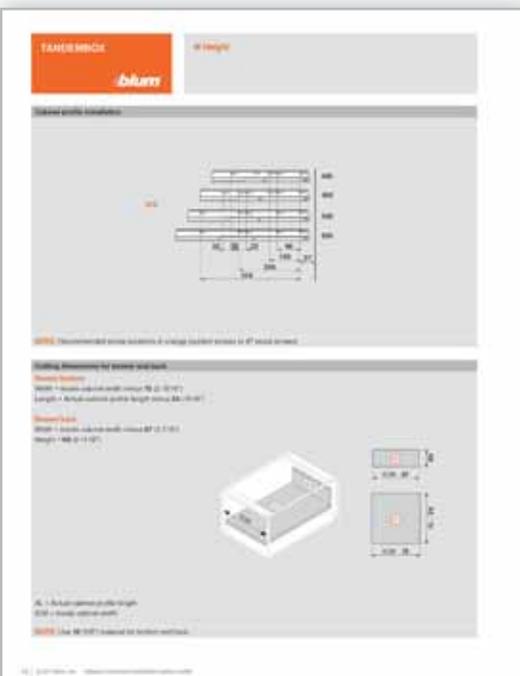
Required Parts

Contains all necessary components with part numbers listed to order the drawer.



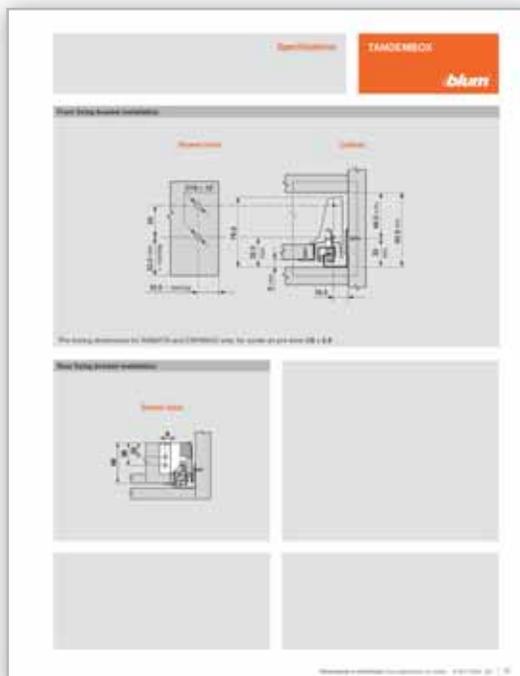
Installation Dimensions

Cabinet profile installation and cutting dimensions for the bottom and back of the drawer.



Specifications

Front and rear fixing bracket installation specifications.



Step 1

Measure inside cabinet width

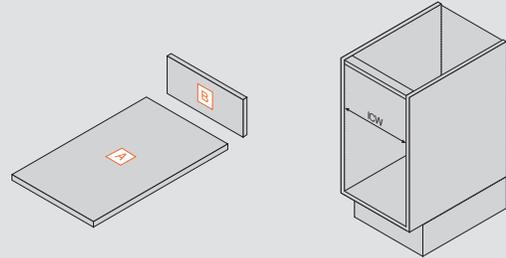
Use inside cabinet width (ICW) to calculate the drawer bottom and back dimensions. Formulas are found on the specification page of each application.

M height example:

- A** Drawer bottom: Width = Inside cabinet width minus **75** (2-15/16")
Length = Actual cabinet profile length minus **24** (15/16")
- B** Drawer back: Width = Inside cabinet width minus **87** (3-7/16")
Height = **84** (3-5/16")

NOTE: Minimum inside cabinet width = **125** (4-15/16")

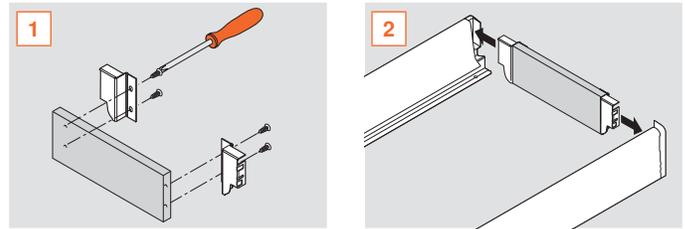
Use **16** (5/8") material for drawer bottom and back



Step 2

Attach drawer back

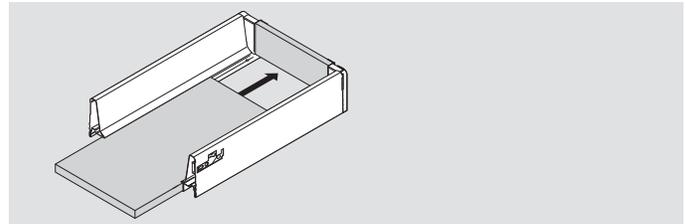
Rear fixing brackets are attached with #6 x 1/2" truss head screws (612TH). The drawer back, with rear fixing brackets attached, snaps into the rear of both drawer profiles.



Step 3

Slide drawer bottom into drawer sides

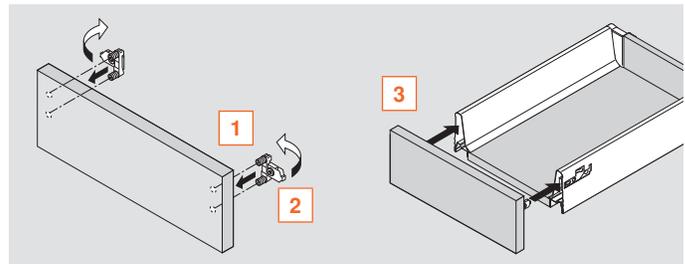
The drawer bottom slides into the drawer profiles.



Step 4

Attach drawer front

Follow the installation drawing for locating hole positions for front fixing brackets (and optional gallery rods if used) and pre-bore the necessary INSERTA Ø10 x 12 holes (screw-on versions also available). Attach front fixing brackets and snap drawer front onto drawer.

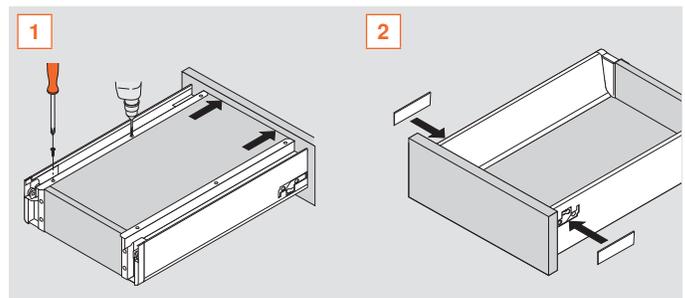


Step 5

Attach drawer bottom with screws

Push the drawer bottom flush with the front of the drawer. Pre-bore and attach with wood screws (612TH).

Attach cover caps to drawer side.



TANDEMBOX



N Height

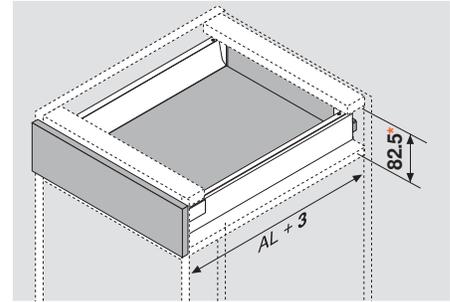
Application



Features

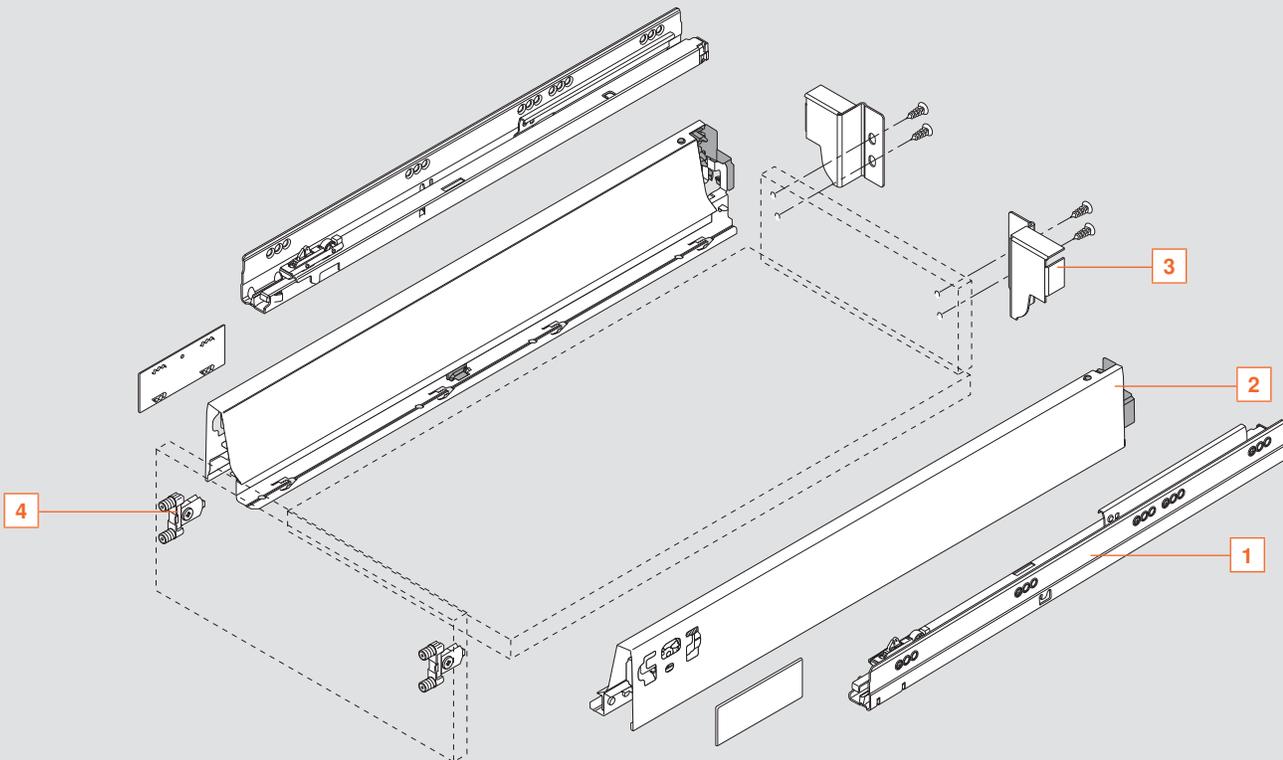
- Full extension drawer system with BLUMOTION
- TANDEM smooth running mechanism
- Two-dimensional drawer front adjustment
- Dynamic load capacity of 75 lb
- Drawer side height 69 (2-11/16")

Space Requirements



AL = Actual cabinet profile length
*Minimum opening height based on 3 (1/8") clearance

Components



NOTE: Parts identified on right page

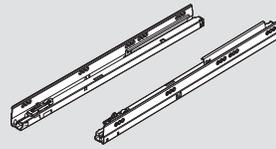


Cabinet and drawer profile sets

Sets include:

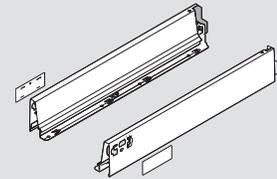
- Left and right profile
- Drawer profile includes color coordinated cover caps

1 Cabinet profile



75 lb

2 Drawer profile

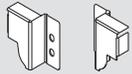


Gray

Nominal length	Actual cabinet profile length		
16"	400 (15-3/4")	578.4001B	378N4002SA
18"	450 (17-11/16")	578.4501B	378N4502SA
20"	500 (19-11/16")	578.5001B	378N5002SA
22"	550 (21-5/8")	578.5501B	378N5502SA
Installation wood screw		707N	612TH
Installation system screw		661.1300.HG	

Rear fixing bracket set

3



Set includes:

- Left and right bracket
- Gray (R906)

Part no.

Rear fixing bracket set	Z30N000S.04
Installation screw	612TH

Front fixing bracket

4

- Two required per drawer
- For use with N and M height drawer profiles only

INSERTA



Screw-on

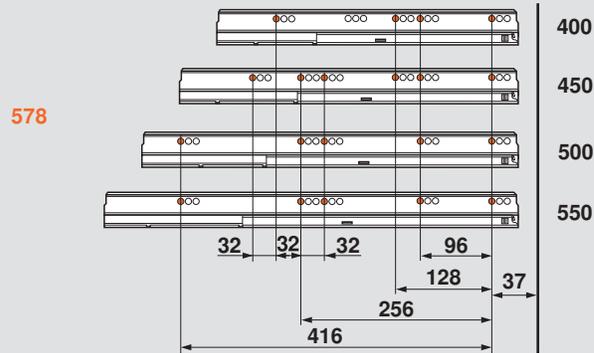


Part no.

INSERTA	ZSF.39A2
Screw-on*	ZSF.35A2

*Use of #6 x 3/4" minimum truss head screw is recommended

Cabinet profile installation



NOTE: Recommended screw locations in orange (system screws or #7 wood screws)

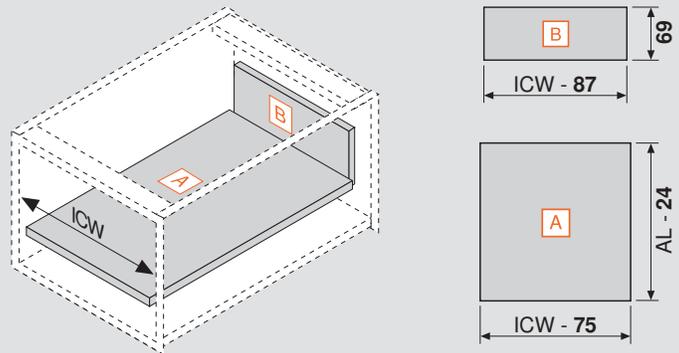
Cutting dimensions for bottom and back

Drawer bottom

Width = Inside cabinet width minus **75** (2-15/16")
 Length = Actual cabinet profile length minus **24** (15/16")

Drawer back

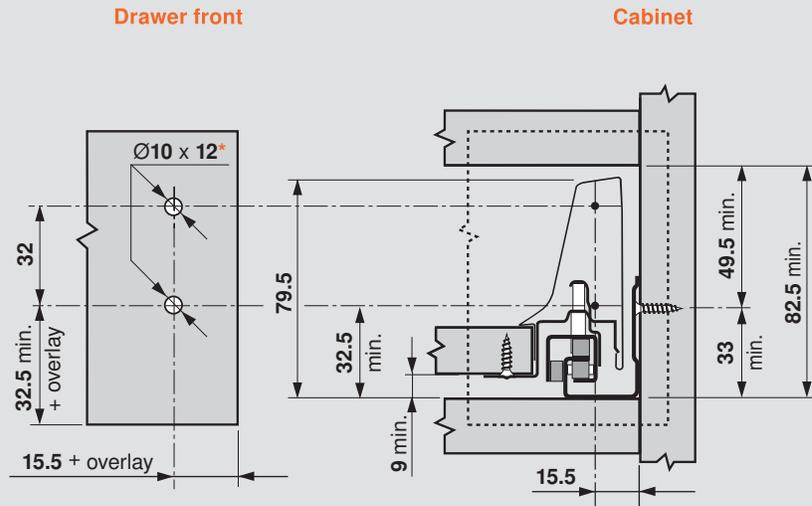
Width = Inside cabinet width minus **87** (3-7/16")
 Height = **69** (2-11/16")



AL = Actual cabinet profile length
 ICW = Inside cabinet width

NOTE: Use **16** (5/8") material for bottom and back

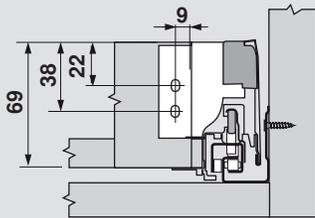
Front fixing bracket installation



*Pre-boring dimensions for INSERTA and EXPANDO only, for screw-on pre-bore $\text{Ø}2 \times 2.5$

Rear fixing bracket installation

Drawer back



TANDEMBOX



M Height

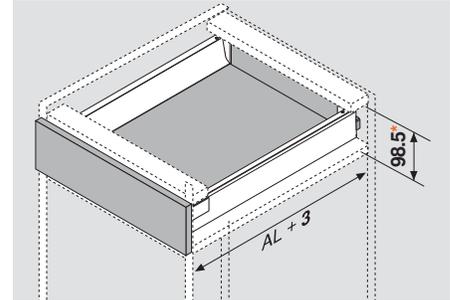
Application



Features

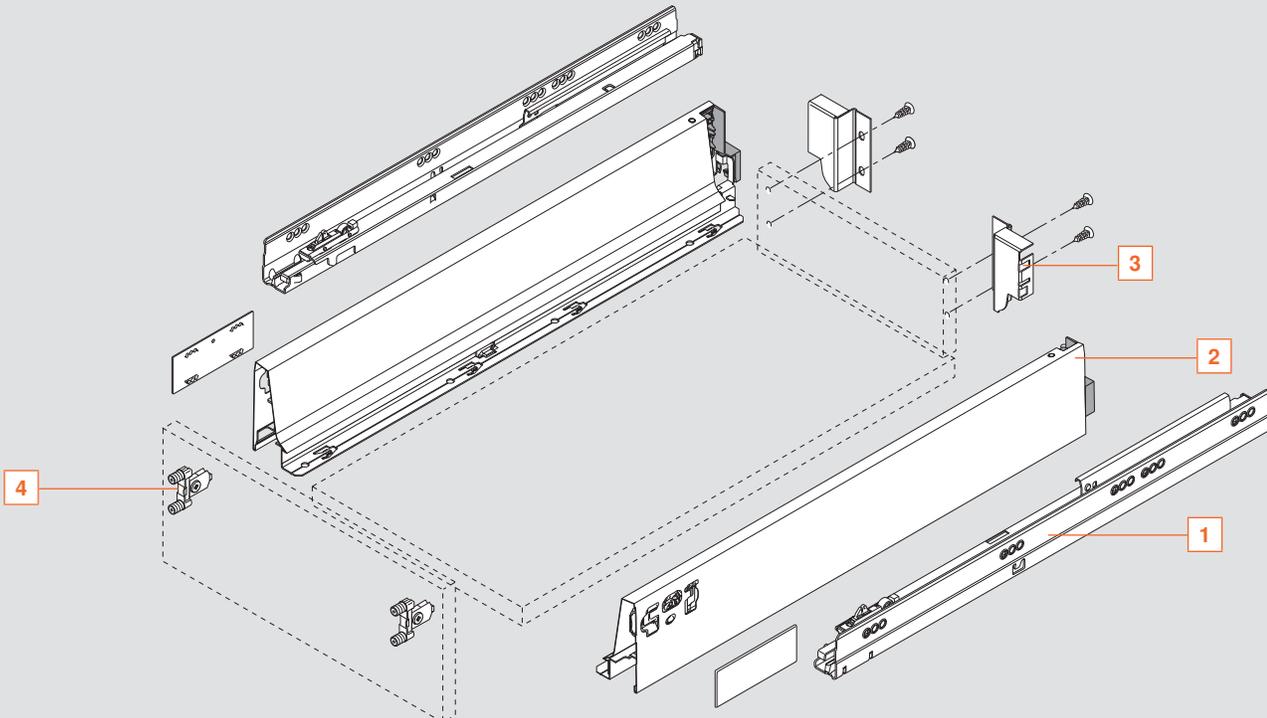
- Full extension drawer system with BLUMOTION
- TANDEM smooth running mechanism
- Two-dimensional drawer front adjustment
- Dynamic load capacity of 75 lb and 150 lb
- Drawer side height 84 (3-5/16")

Space Requirements



AL = Actual cabinet profile length
*Minimum opening height based on 3 (1/8") clearance

Components



NOTE: Parts identified on right page

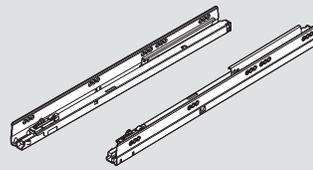


Cabinet and drawer profile sets

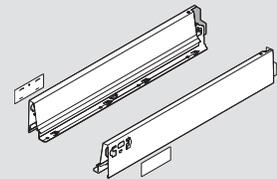
Sets include:

- Left and right profile
- Drawer profile includes color coordinated cover caps

1 Cabinet profile



2 Drawer profile



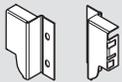
Nominal length	Actual cabinet profile length	75 lb		150 lb		Gray	
		Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
11"	270 (10-5/8")	578.2701B				378M2702SA	
14"	350 (13-3/4")	578.3501B				378M3502SA	
16"	400 (15-3/4")	578.4001B				378M4002SA	
18"	450 (17-11/16")	578.4501B		576.4501B		378M4502SA	
20"	500 (19-11/16")	578.5001B		576.5001B		378M5002SA	
22"	550 (21-5/8")	578.5501B		576.5501B		378M5502SA	
24"	600 (23-5/8")			576.6001B		378M6002SA	
26"	650 (25-9/16")			576.6501B		378M6502SA	
Installation wood screw		707N		707N		612TH	
Installation system screw		661.1300.HG		661.1300.HG			

Rear fixing bracket set

3

Set includes:

- Left and right bracket
- Gray (R906)



	Part no.
Rear fixing bracket set	Z30M000S.04
Installation screw	612TH

Front fixing bracket

4

- Two required per drawer
- For use with N and M height drawer profiles only

INSERTA



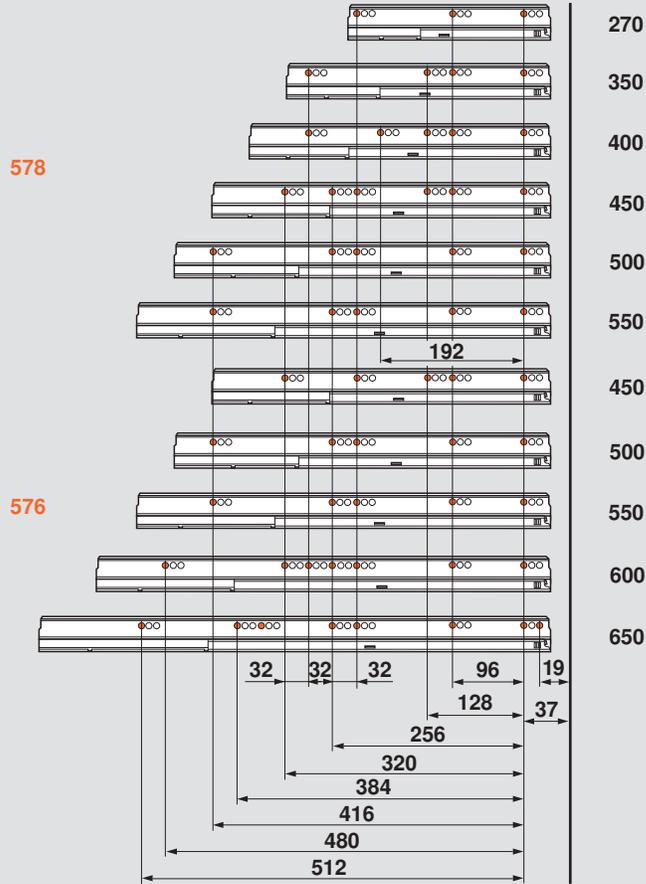
Screw-on



	Part no.
INSERTA	ZSF.39A2
Screw-on*	ZSF.35A2

*Use of #6 x 3/4" minimum truss head screw is recommended

Cabinet profile installation



NOTE: Recommended screw locations in orange (system screws or #7 wood screws)

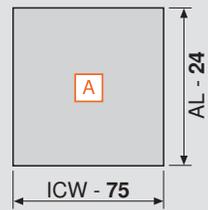
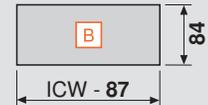
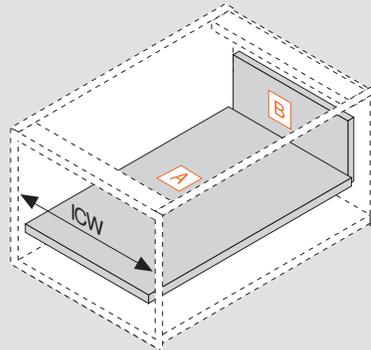
Cutting dimensions for bottom and back

Drawer bottom

Width = Inside cabinet width minus **75** (2-15/16")
 Length = Actual cabinet profile length minus **24** (15/16")

Drawer back

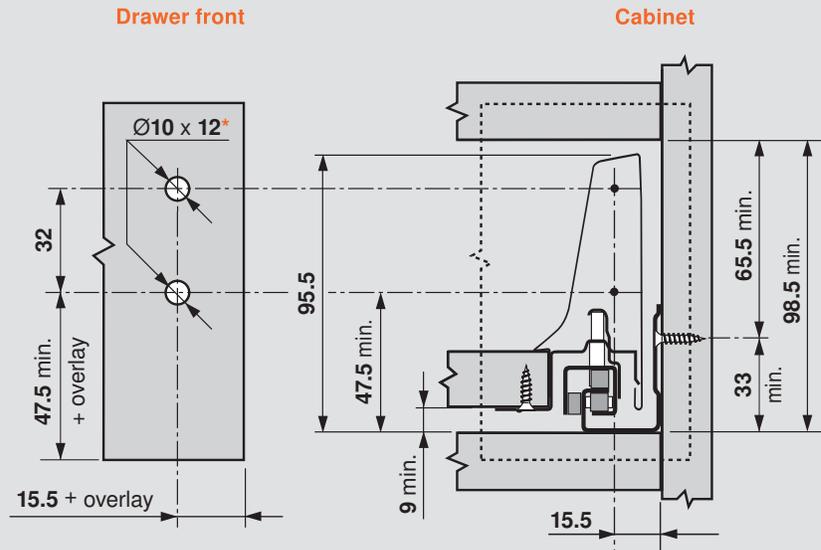
Width = Inside cabinet width minus **87** (3-7/16")
 Height = **84** (3-5/16")



AL = Actual cabinet profile length
 ICW = Inside cabinet width

NOTE: Use **16** (5/8") material for bottom and back

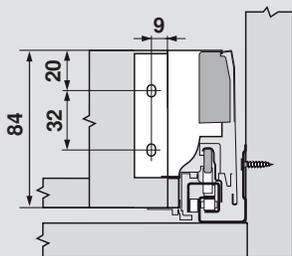
Front fixing bracket installation



*Pre-boring dimensions for INSERTA and EXPANDO only, for screw-on pre-bore $\text{Ø}2 \times 2.5$

Rear fixing bracket installation

Drawer back



TANDEMBOX



B Height with Single Gallery

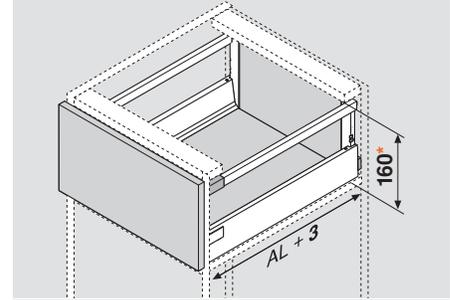
Application



Features

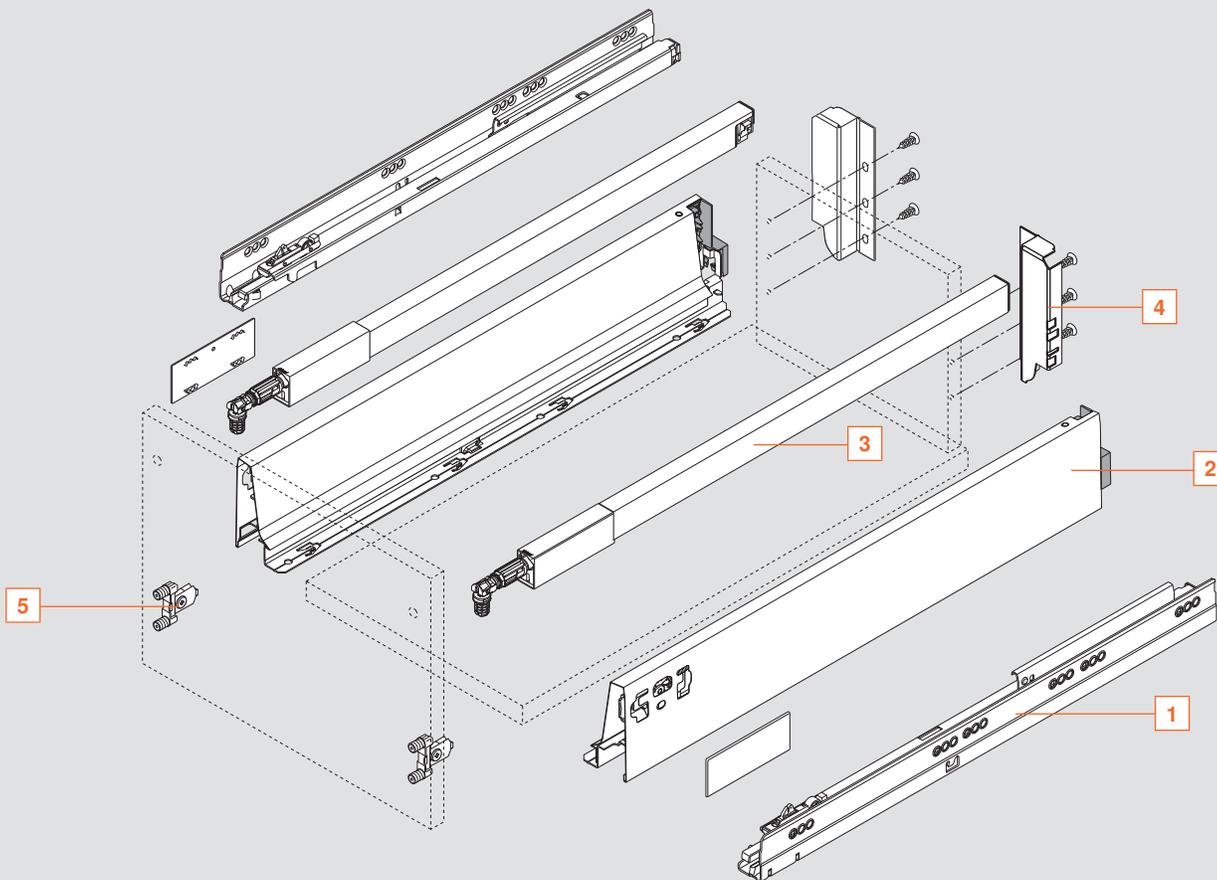
- Full extension drawer system with BLUMOTION
- TANDEM smooth running action
- Three-dimensional drawer front adjustment
- Dynamic load capacities of 75 lb and 150 lb
- Drawer side height 146 (5-3/4")

Space Requirements



AL = Actual cabinet profile length
*Minimum opening height based on 3 (1/8") clearance

Components



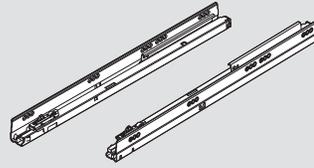
NOTE: Parts identified on right page

Cabinet and drawer profile sets

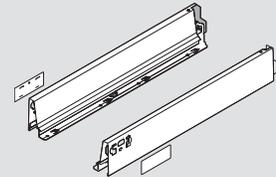
Sets include:

- Left and right profile
- Drawer profile includes color coordinated cover caps

1 Cabinet profile



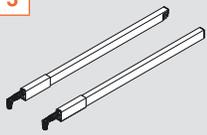
2 Drawer profile



Nominal length	Actual cabinet profile length	75 lb		150 lb		Gray
		Part no.	Part no.	Part no.	Part no.	Part no.
16"	400 (15-3/4")	578.4001B				378M4002SA
18"	450 (17-11/16")	578.4501B		576.4501B		378M4502SA
20"	500 (19-11/16")	578.5001B		576.5001B		378M5002SA
22"	550 (21-5/8")	578.5501B		576.5501B		378M5502SA
24"	600 (23-5/8")			576.6001B		378M6002SA
26"	650 (25-9/16")			576.6501B		378M6502SA
Installation wood screw			707N	707N		612TH
Installation system screw			661.1300.HG	661.1300.HG		

Top gallery rail set

3



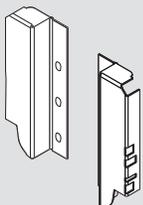
Set includes:

- Left and right gallery rail

Actual cabinet profile length	Gray
400 (15-3/4")	ZRG.337RSIC
450 (17-11/16")	ZRG.387RSIC
500 (19-11/16")	ZRG.437RSIC
550 (21-5/8")	ZRG.487RSIC
600 (23-5/8")	ZRG.537RSIC
650 (25-9/16")	ZRG.587RSIC

Rear fixing bracket set

4



Set includes:

- Left and right bracket
- Gray (R906)

	Part no.
Rear fixing bracket set	Z30B000S.04
Installation screw	612TH

Front fixing bracket

5

INSERTA



Screw-on

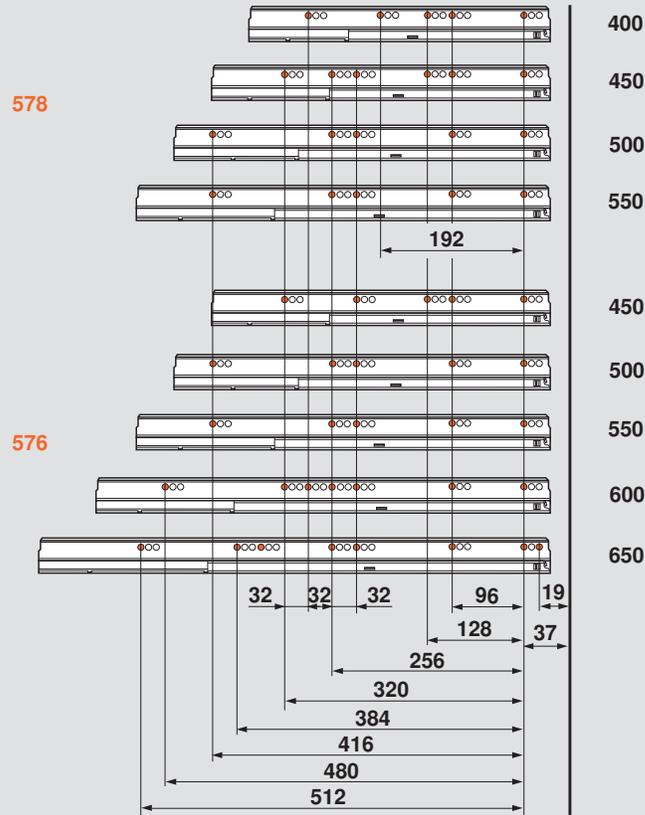


- Two required per drawer
- For use with N and M height drawer profiles only

	Part no.
INSERTA	ZSF.39A2
Screw-on*	ZSF.35A2

*Use of #6 x 3/4" minimum truss head screw is recommended

Cabinet profile installation



NOTE: Recommended screw locations in orange (system screws or #7 wood screws)

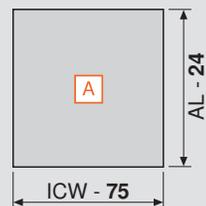
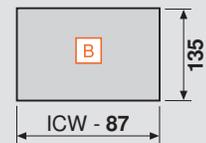
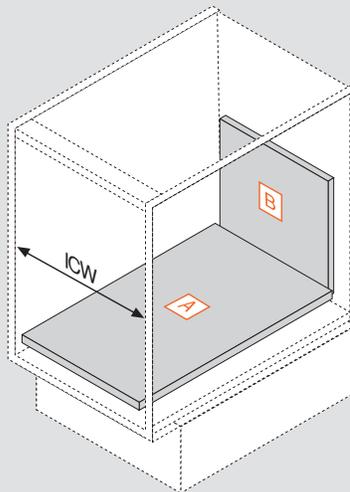
Cutting dimensions for bottom and back

Drawer bottom

Width = Inside cabinet width minus **75** (2-15/16")
 Length = Actual cabinet profile length minus **24** (15/16")

Drawer back

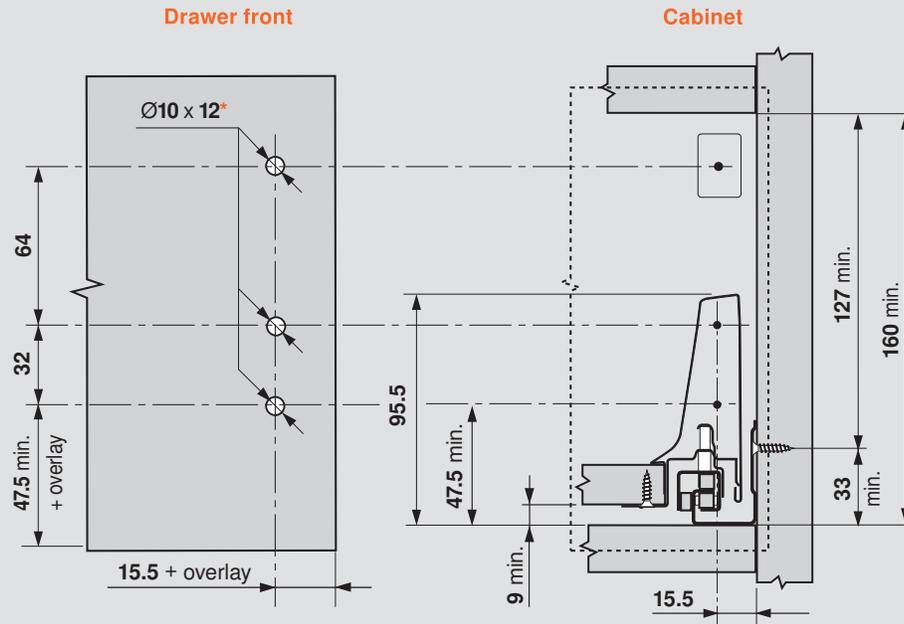
Width = Inside cabinet width minus **87** (3-7/16")
 Height = **135** (5-5/16")



AL = Actual cabinet profile length
 ICW = Inside cabinet width

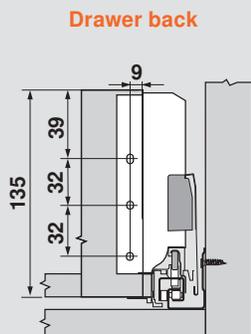
NOTE: Use **16** (5/8") material for bottom and back

Front fixing bracket installation



*Pre-boring dimensions for INSERTA and EXPANDO only, for screw-on pre-bore $\text{Ø}2 \times 2.5$

Rear fixing bracket installation



TANDEMBOX



D Height with Single Gallery

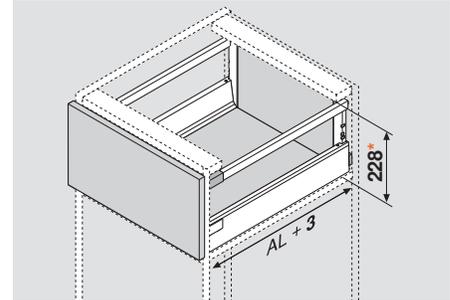
Application



Features

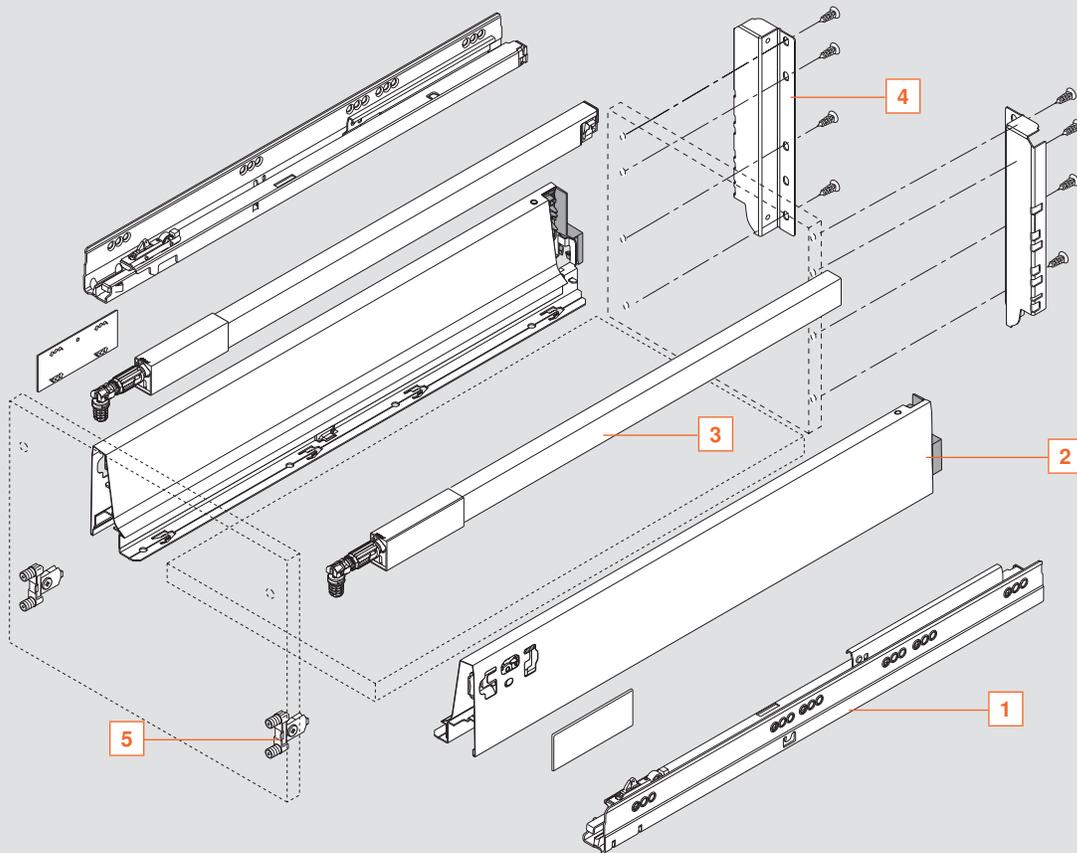
- Full extension drawer system with BLUMOTION
- TANDEM smooth running action
- Three-dimensional drawer front adjustment
- Dynamic load capacities of 75 lb and 150 lb
- Drawer side height 207 (8-1/8")

Space Requirements



AL = Actual cabinet profile length
*Minimum opening height based on 3 (1/8") clearance

Components



NOTE: Parts identified on right page

Required Parts

TANDEMBOX

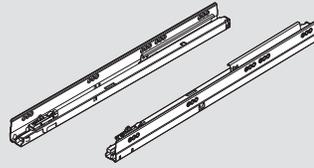


Cabinet and drawer profile sets

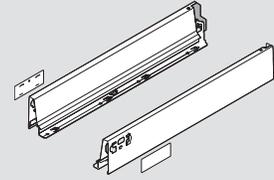
Sets include:

- Left and right profile
- Drawer profile includes color coordinated cover caps

1 Cabinet profile



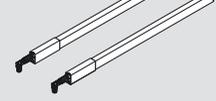
2 Drawer profile



Nominal length	Actual cabinet profile length	75 lb		150 lb		Gray
		Part no.	Part no.	Part no.	Part no.	Part no.
16"	400 (15-3/4")	578.4001B				378M4002SA
18"	450 (17-11/16")	578.4501B		576.4501B		378M4502SA
20"	500 (19-11/16")	578.5001B		576.5001B		378M5002SA
22"	550 (21-5/8")	578.5501B		576.5501B		378M5502SA
24"	600 (23-5/8")			576.6001B		378M6002SA
26"	650 (25-9/16")			576.6501B		378M6502SA
Installation wood screw			707N	707N		612TH
Installation system screw			661.1300.HG	661.1300.HG		

Top gallery rail set

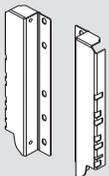
- 3** **Set includes:**
- Left and right gallery rail



Actual cabinet profile length	Part no.	Color
400 (15-3/4")	ZRG.337RSIC	Gray
450 (17-11/16")	ZRG.387RSIC	Gray
500 (19-11/16")	ZRG.437RSIC	Gray
550 (21-5/8")	ZRG.487RSIC	Gray
600 (23-5/8")	ZRG.537RSIC	Gray
650 (25-9/16")	ZRG.587RSIC	Gray

Rear fixing bracket set

- 4** **Set includes:**
- Left and right bracket
 - Gray (R906)



	Part no.
Rear fixing bracket set	Z30D000SL
Installation screw	612TH

Front fixing bracket

- 5**
- Two required per drawer
 - For use with N and M height drawer profiles only

INSERTA



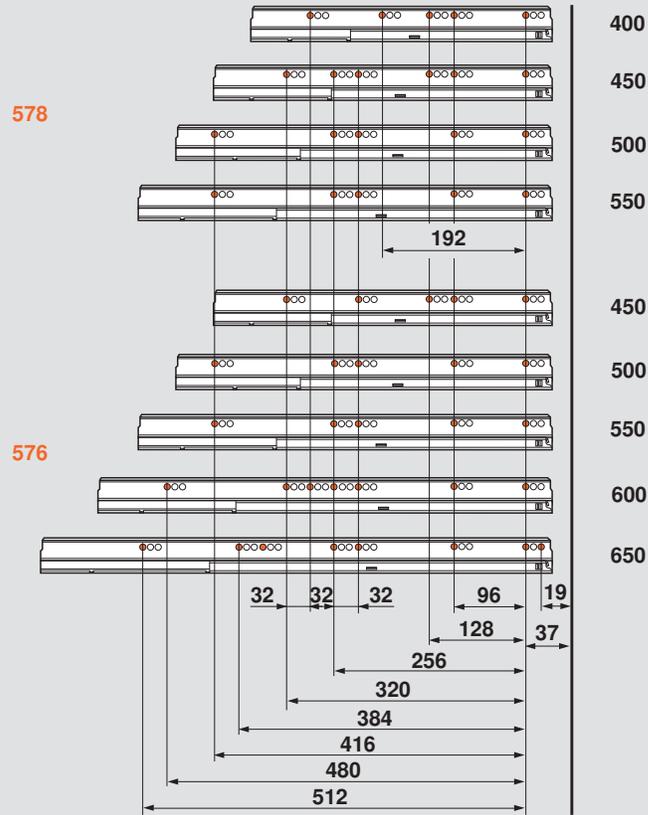
Screw-on



	Part no.
INSERTA	ZSF.39A2
Screw-on*	ZSF.35A2

*Use of #6 x 3/4" minimum truss head screw is recommended

Cabinet profile installation



NOTE: Recommended screw locations in orange (system screws or #7 wood screws)

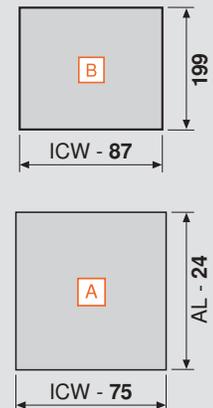
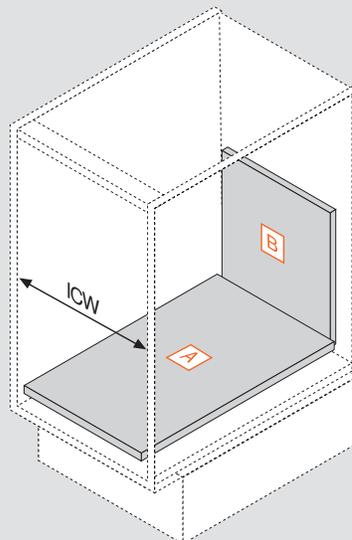
Cutting dimensions for bottom and back

Drawer bottom

Width = Inside cabinet width minus 75 (2-15/16")
 Length = Actual cabinet profile length minus 24 (15/16")

Drawer back

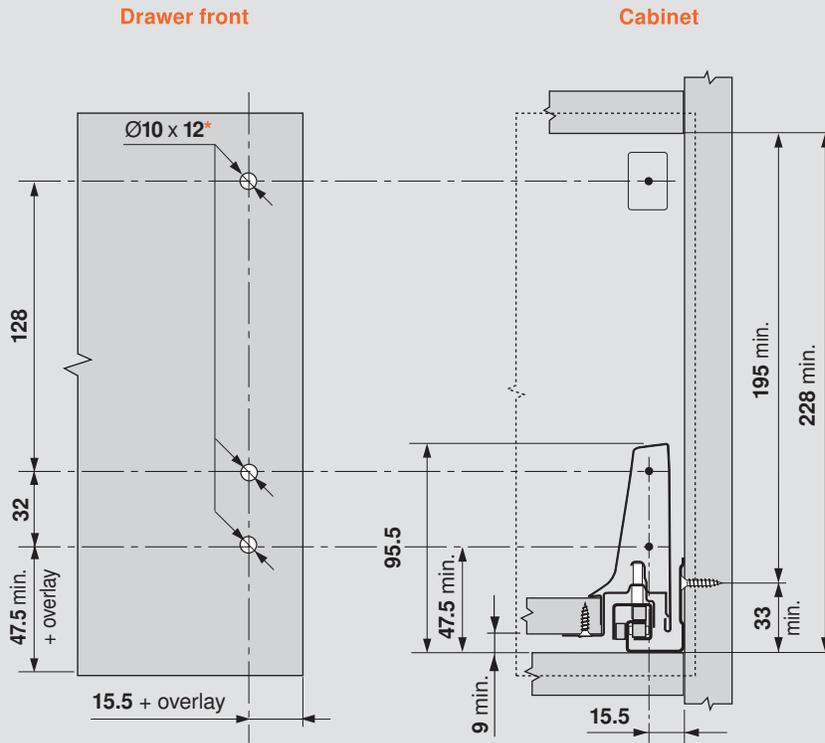
Width = Inside cabinet width minus 87 (3-7/16")
 Height = 199 (7-13/16")



AL = Actual cabinet profile length
 ICW = Inside cabinet width

NOTE: Use 16 (5/8") material for bottom and back

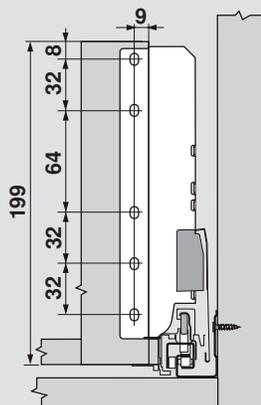
Front fixing bracket installation



*Pre-boring dimensions for INSERTA and EXPANDO only, for screw-on pre-bore Ø2 x 2.5

Rear fixing bracket installation

Drawer back



TANDEMBOX



D Height with Double Gallery

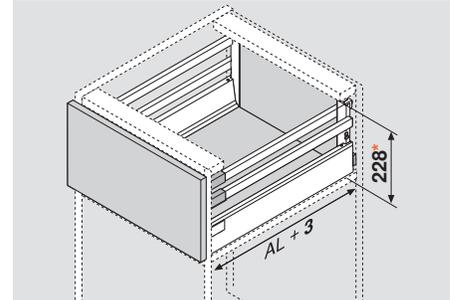
Application



Features

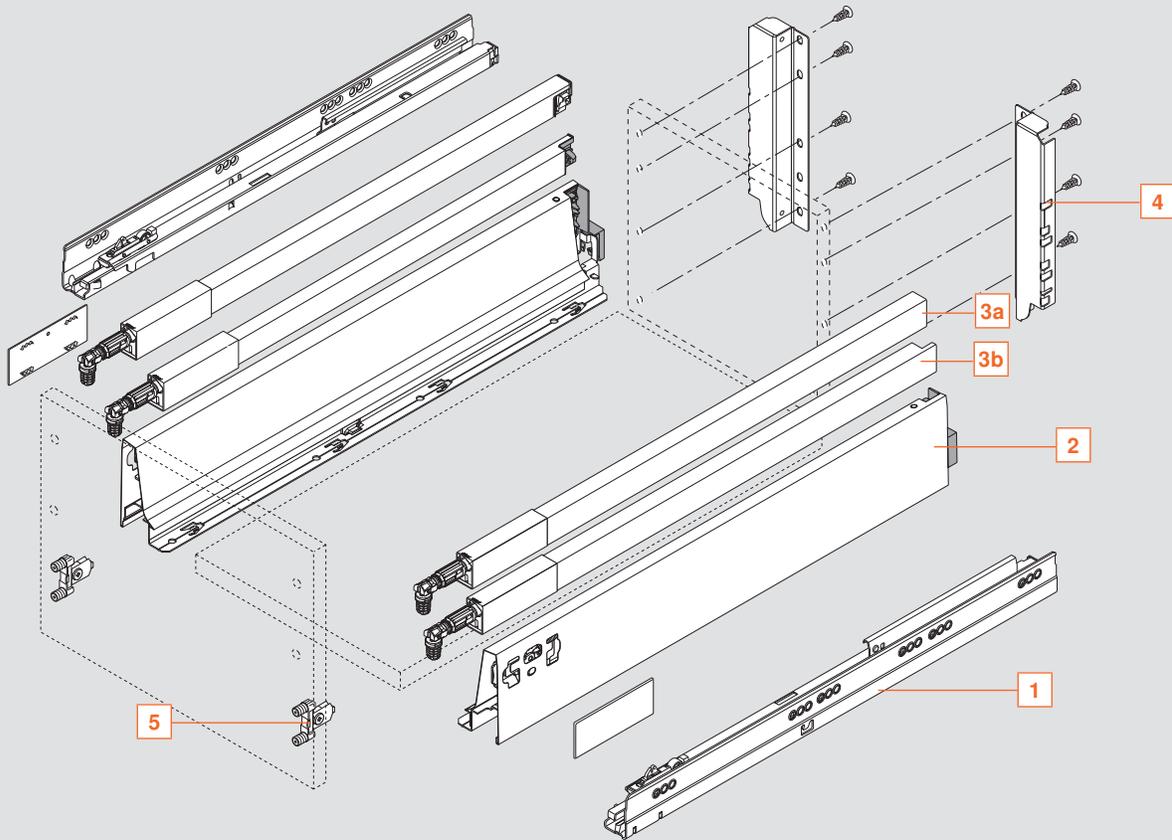
- Full extension drawer system with BLUMOTION
- TANDEM smooth running action
- Three-dimensional drawer front adjustment
- Dynamic load capacities of 75 lb and 150 lb
- Drawer side height 207 (8-1/8")

Space Requirements



AL = Actual cabinet profile length
*Minimum opening height based on 3 (1/8") clearance

Components



NOTE: Parts identified on right page

Required Parts

TANDEMBOX

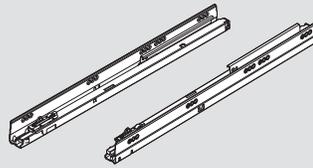


Cabinet and drawer profile sets

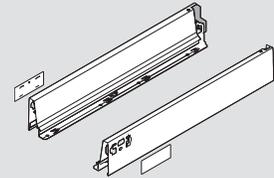
Sets include:

- Left and right profile
- Drawer profile includes color coordinated cover caps

1 Cabinet profile



2 Drawer profile



Nominal length	Actual cabinet profile length	75 lb	150 lb	Gray
16"	400 (15-3/4")	578.4001B		378M4002SA
18"	450 (17-11/16")	578.4501B	576.4501B	378M4502SA
20"	500 (19-11/16")	578.5001B	576.5001B	378M5002SA
22"	550 (21-5/8")	578.5501B	576.5501B	378M5502SA
Installation wood screw		707N	707N	612TH
Installation system screw		661.1300.HG	661.1300.HG	

Top gallery rail set

3a



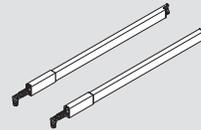
Set includes:

- Left and right gallery rail

Actual cabinet profile length	Gray
400 (15-3/4")	ZRG.337RSIC
450 (17-11/16")	ZRG.387RSIC
500 (19-11/16")	ZRG.437RSIC
550 (21-5/8")	ZRG.487RSIC

Center gallery rail set

3b



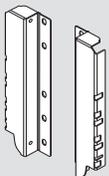
Set includes:

- Left and right gallery rail

Actual cabinet profile length	Gray
400 (15-3/4")	ZRG.337RSIE
450 (17-11/16")	ZRG.387RSIE
500 (19-11/16")	ZRG.437RSIE
550 (21-5/8")	ZRG.487RSIE

Rear fixing bracket set

4



Set includes:

- Left and right bracket
- Gray (R906)

	Part no.
Rear fixing bracket set	Z30D000SL
Installation screw	612TH

Front fixing bracket

5

INSERTA



Screw-on

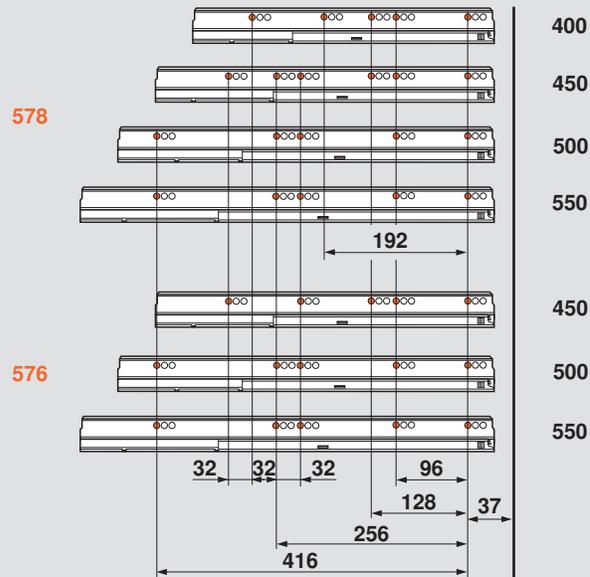


- Two required per drawer
- For use with N and M height drawer profiles only

	Part no.
INSERTA	ZSF.39A2
Screw-on*	ZSF.35A2

*Use of #6 x 3/4" minimum truss head screw is recommended

Cabinet profile installation



NOTE: Recommended screw locations in orange (system screws or #7 wood screws)

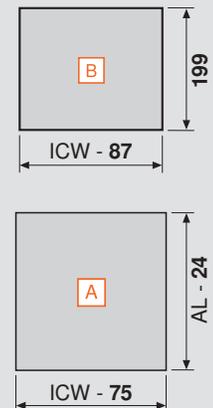
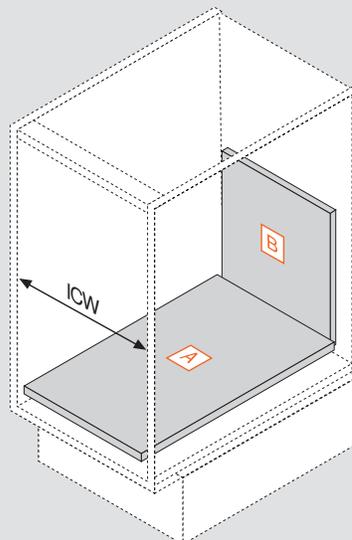
Cutting dimensions for bottom and back

Drawer bottom

Width = Inside cabinet width minus 75 (2-15/16")
 Length = Actual cabinet profile length minus 24 (15/16")

Drawer back

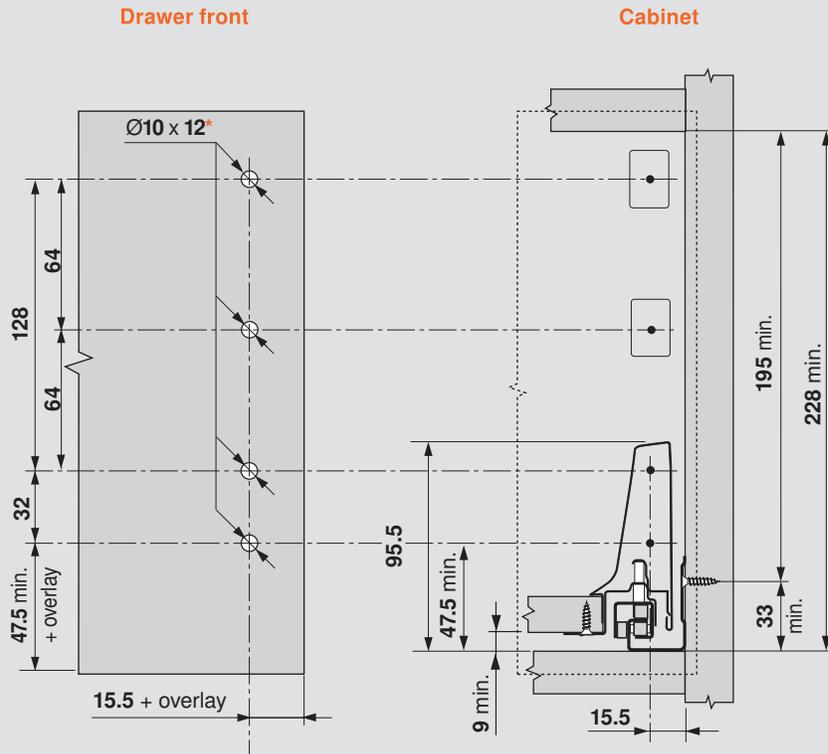
Width = Inside cabinet width minus 87 (3-7/16")
 Height = 199 (7-13/16")



AL = Actual cabinet profile length
 ICW = Inside cabinet width

NOTE: Use 16 (5/8") material for bottom and back

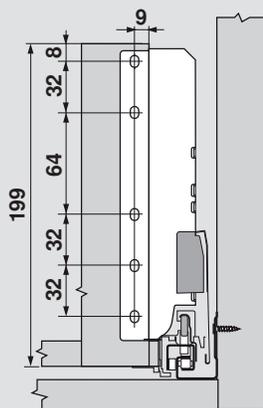
Front fixing bracket installation



*Pre-boring dimensions for INSERTA and EXPANDO only, for screw-on pre-bore Ø2 x 2.5

Rear fixing bracket installation

Drawer back



TANDEMBOX



D Height Gallery with Design Element

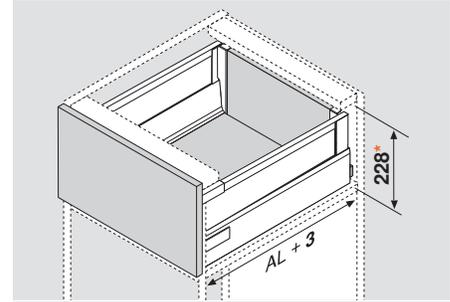
Application



Features

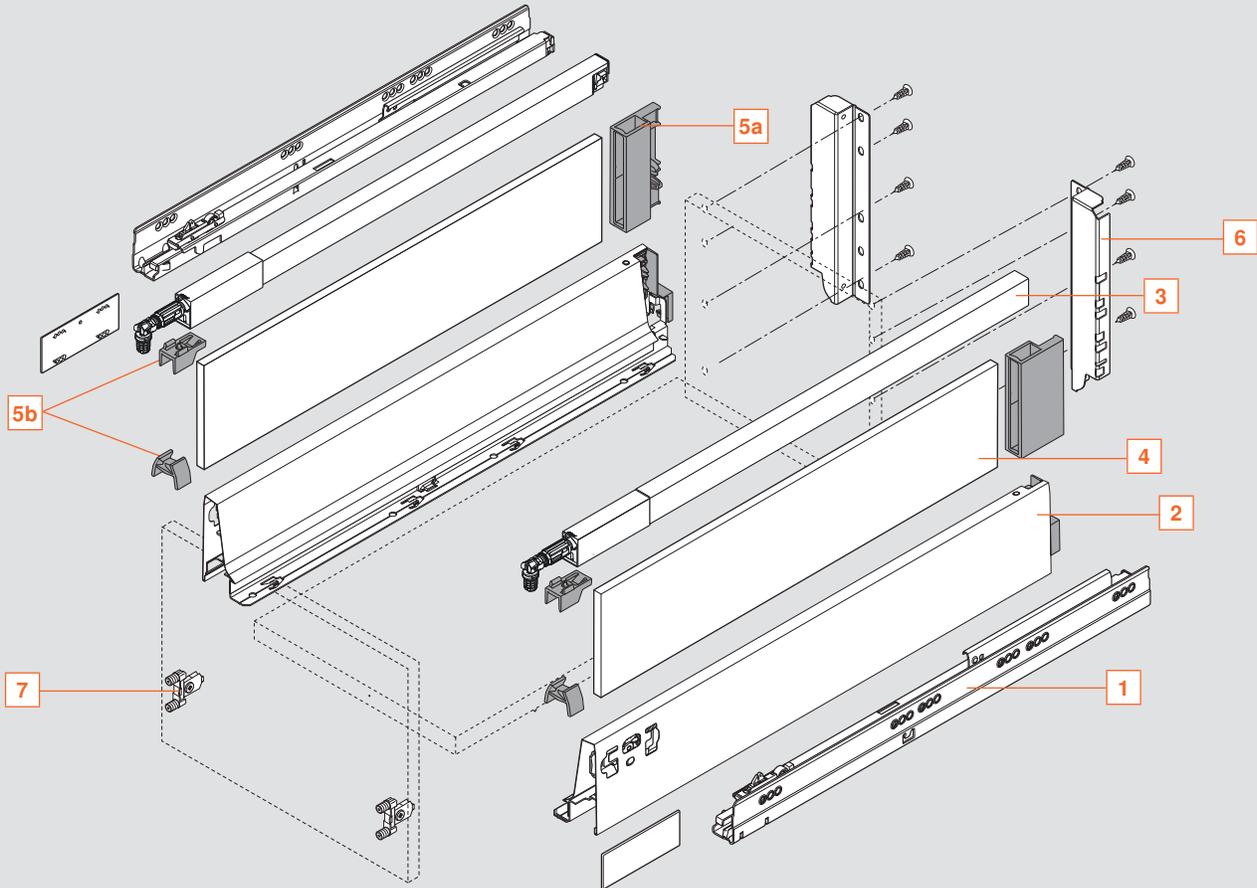
- Full extension drawer system with BLUMOTION
- TANDEM smooth running mechanism
- Three-dimensional drawer front adjustment
- Dynamic load capacity of 75 lb and 150 lb
- Drawer side height 207 (8-1/8")

Space Requirements



AL = Actual cabinet profile length
*Minimum opening height based on 3 (1/8") clearance

Components



NOTE: Parts identified on right page

Required Parts

TANDEMBOX

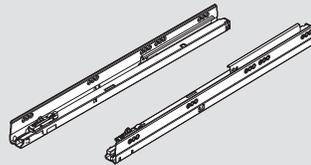


Cabinet and drawer profile sets

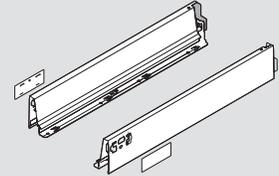
Sets include:

- Left and right profile
- Drawer profile includes color coordinated cover caps

1 Cabinet profile



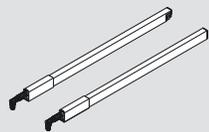
2 Drawer profile



Nominal length	Actual cabinet profile length	75 lb	150 lb	Gray
18"	450 (17-11/16")	578.4501B	576.4501B	378M4502SA
20"	500 (19-11/16")	578.5001B	576.5001B	378M5002SA
22"	550 (21-5/8")	578.5501B	576.5501B	378M5502SA
26"	650 (25-9/16")		576.6501B	378M6502SA
Installation wood screw		707N	707N	612TH
Installation system screw		661.1300.HG	661.1300.HG	

Top gallery rail set

3



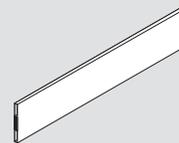
Set includes:

- Left and right gallery rail

Actual cabinet profile length	Gray
450 (17-11/16")	ZRG.387RSIC
500 (19-11/16")	ZRG.437RSIC
550 (21-5/8")	ZRG.487RSIC
650 (25-9/16")	ZRG.587RSIC

Metal design element

4

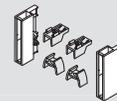


- Two required per drawer

Actual cabinet profile length	Gray
450 (17-11/16")	Z37A417D
500 (19-11/16")	Z37A467D
550 (21-5/8")	Z37A517D
650 (25-9/16")	Z37A617D

Gallery bracket set

5



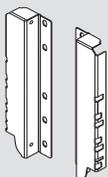
Set includes:

- 5a Left and right rear bracket
- 5b Front fixing clips (qty 4)
- Gray (R906)

Part no.
Gallery bracket set
Z36D0080

Rear fixing bracket set

6



Set includes:

- Left and right bracket
- Gray (R906)

Part no.
Rear fixing bracket set
Z30D000SL
Installation screw
612TH

Front fixing bracket

7

INSERTA



Screw-on

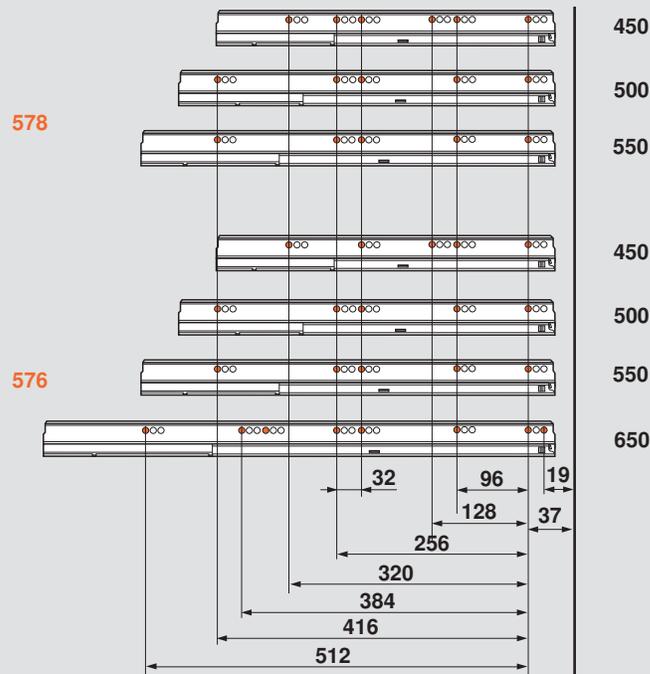


- Two required per drawer
- For use with N and M height drawer profiles only

Part no.
INSERTA
ZSF.39A2
Screw-on*
ZSF.35A2

*Use of #6 x 3/4" minimum truss head screw is recommended

Cabinet profile installation



NOTE: Recommended screw locations in orange (system screws or #7 wood screws)

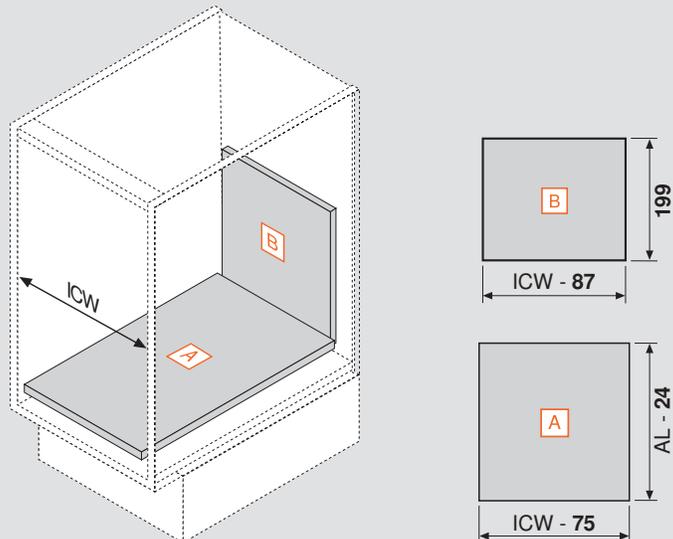
Cutting dimensions for bottom and back

Drawer bottom

Width = Inside cabinet width minus 75 (2-15/16")
 Length = Actual cabinet profile length minus 24 (15/16")

Drawer back

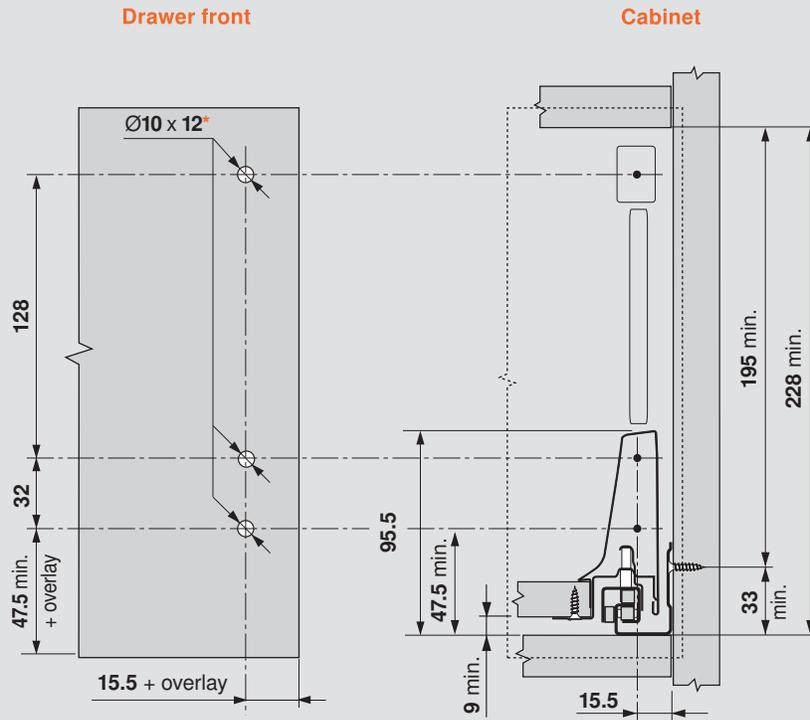
Width = Inside cabinet width minus 87 (3-7/16")
 Height = 199 (7-13/16")



AL = Actual cabinet profile length
 ICW = Inside cabinet width

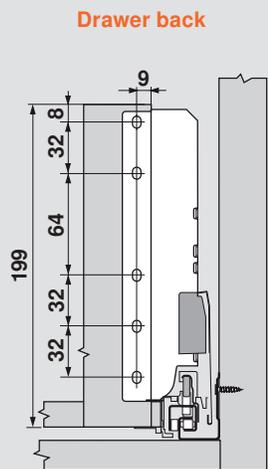
NOTE: Use 16 (5/8") material for bottom and back

Front fixing bracket installation



*Pre-boring dimensions for INSERTA and EXPANDO only, for screw-on pre-bore Ø2 x 2.5

Rear fixing bracket installation



TANDEMBOX



M Height Interior Roll-out

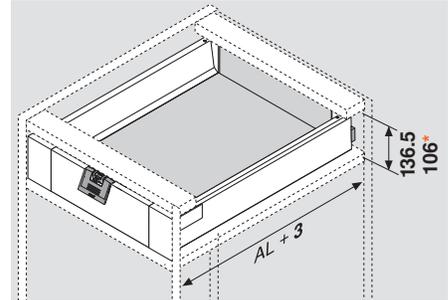
Application



Features

- Full extension drawer system with BLUMOTION
- TANDEM smooth running mechanism
- Two-dimensional drawer front adjustment
- Dynamic load capacity of 75 lb and 150 lb
- Drawer side height 84 (3-5/16")

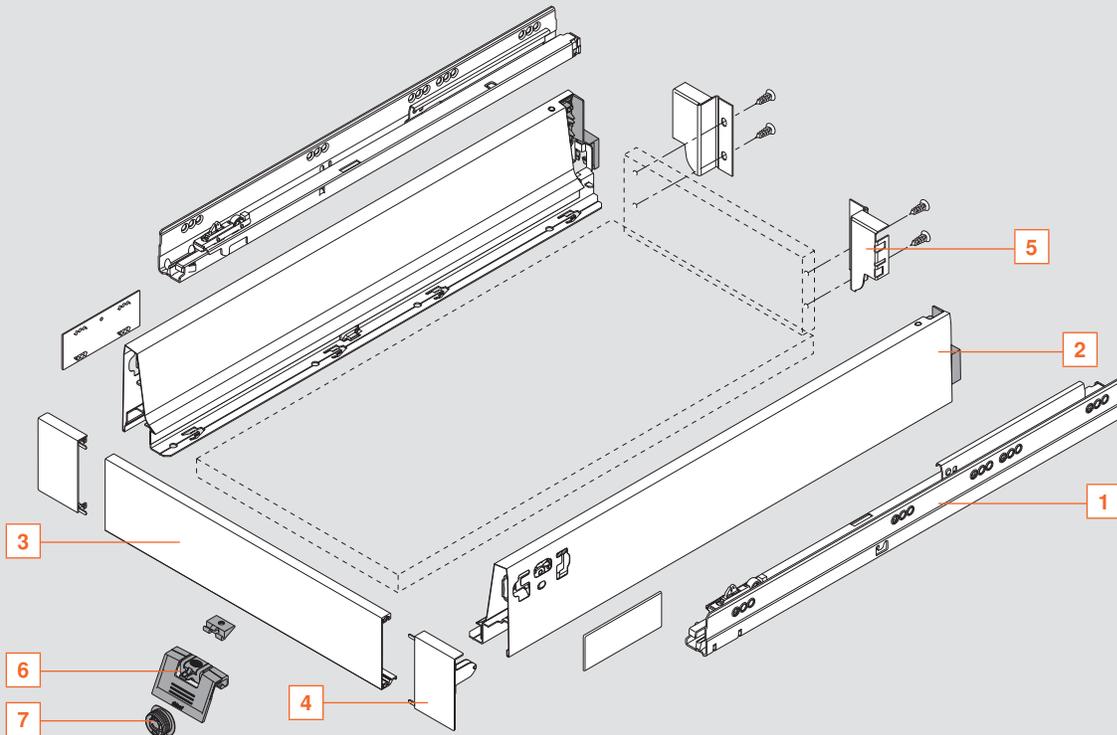
Space Requirements



AL = Actual cabinet profile length

*Minimum opening with handle and 3 (1/8") clearance

Components



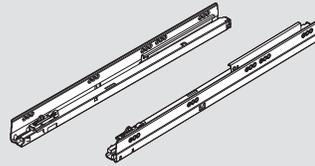
NOTE: Parts identified on right page

Cabinet and drawer profile sets

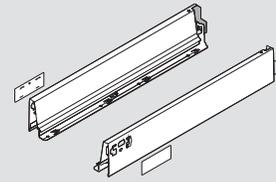
Sets include:

- Left and right profile
- Drawer profile includes color coordinated cover caps

1 Cabinet profile



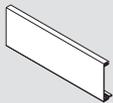
2 Drawer profile



Nominal length	Actual cabinet profile length	75 lb		150 lb		Gray	
		Part no.	Part no.	Part no.	Part no.		
11"	270 (10-5/8")	578.2701B				378M2702SA	
14"	350 (13-3/4")	578.3501B				378M3502SA	
16"	400 (15-3/4")	578.4001B				378M4002SA	
18"	450 (17-11/16")	578.4501B		576.4501B		378M4502SA	
20"	500 (19-11/16")	578.5001B		576.5001B		378M5002SA	
22"	550 (21-5/8")	578.5501B		576.5501B		378M5502SA	
24"	600 (23-5/8")			576.6001B		378M6002SA	
26"	650 (25-9/16")			576.6501B		378M6502SA	
Installation wood screw		707N	707N			612TH	
Installation system screw		661.1300.HG	661.1300.HG				

Front piece

3



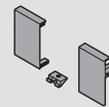
- Length 1036 (40-13/16"), cut to size
- Gray (R906)

Part no.

Front piece **Z31L1036A**

Front fixing bracket set – nylon

4



Set includes:

- Left and right bracket
- Bottom support
- Gray (R906)

Part no.

Nylon bracket set **ZIF.71M0**

Rear fixing bracket set

5



Set includes:

- Left and right bracket
- Gray (R906)

Part no.

Rear fixing bracket set **Z30M000S.04**

Installation screw **612TH**

Interior front handle

6



- Dust gray (R737)

Part no.

Interior front handle **ZIF.80M5**

Interior front handle with latch

7

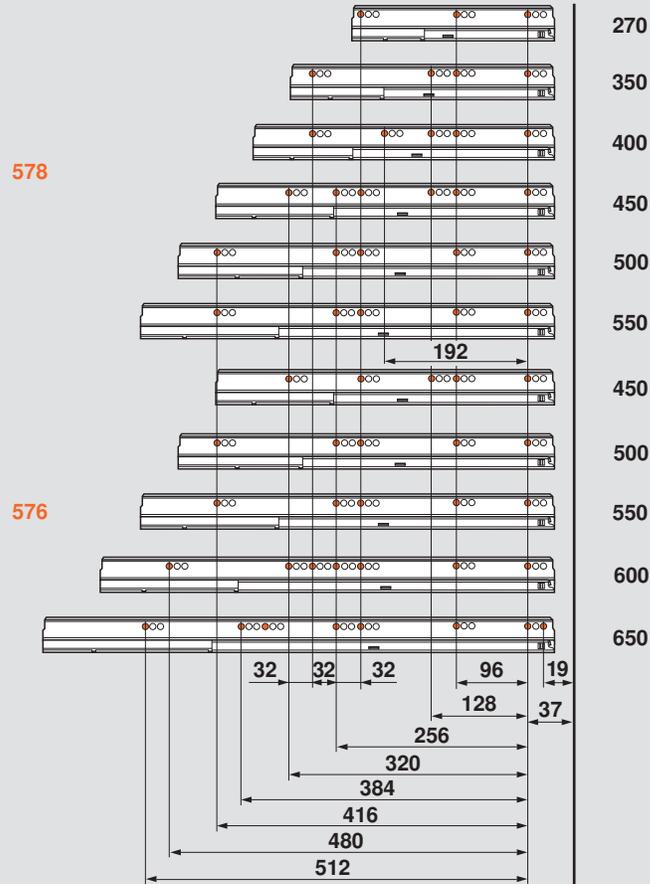


- Dust gray (R737)

Part no.

Handle with latch **ZIF.80M7**

Cabinet profile installation



NOTE: Recommended screw locations in orange (system screws or #7 wood screws)

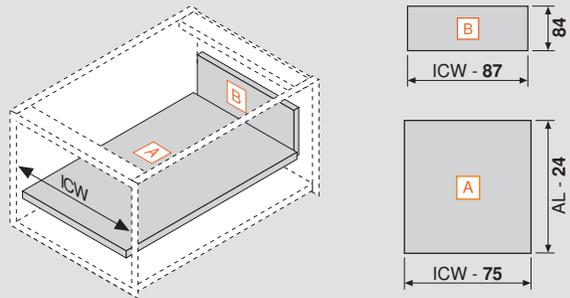
Cutting dimensions for bottom and back

Drawer bottom

Width = Inside cabinet width minus 75 (2-15/16")
 Length = Actual cabinet profile length minus 24 (15/16")

Drawer back

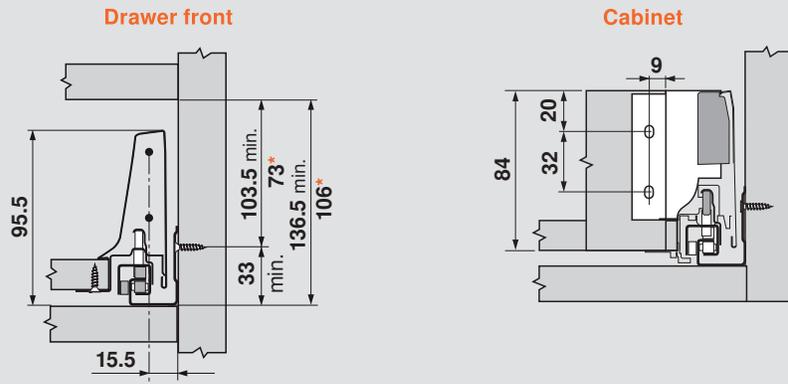
Width = Inside cabinet width minus 87 (3-7/16")
 Height = 84 (3-5/16")



AL = Actual cabinet profile length
 ICW = Inside cabinet width

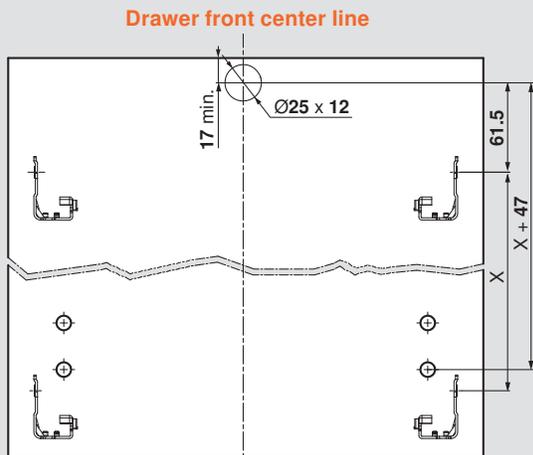
NOTE: Use 16 (5/8") material for bottom and back

Rear fixing bracket installation



*Measurement for use with handle (ZIF.80M5)

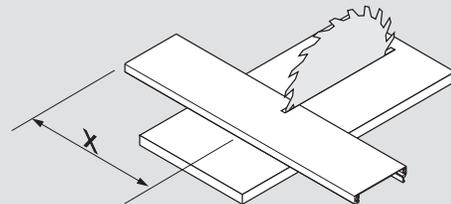
Front boring dimensions for interior front handle



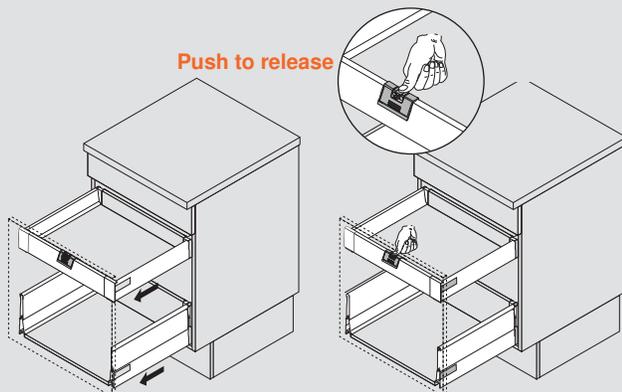
Cutting front piece

Using a metal cutting blade, cut front piece to size.

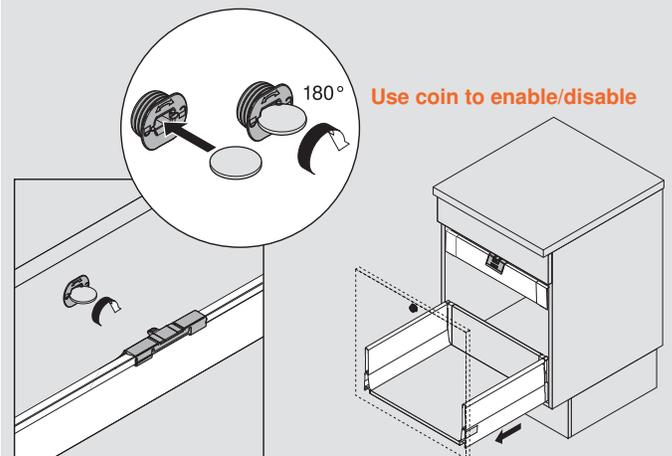
X = Inside cabinet width minus 132 (5-3/16")



Operation with interior front handle enabled



Enable/disable interior front handle



TANDEMBOX



D Height with Single Gallery Interior Roll-out

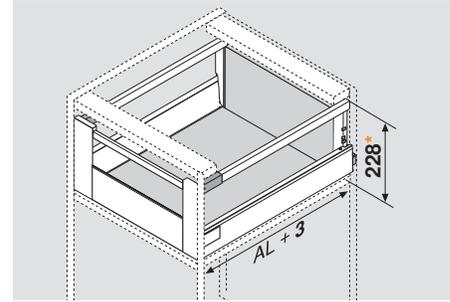
Application



Features

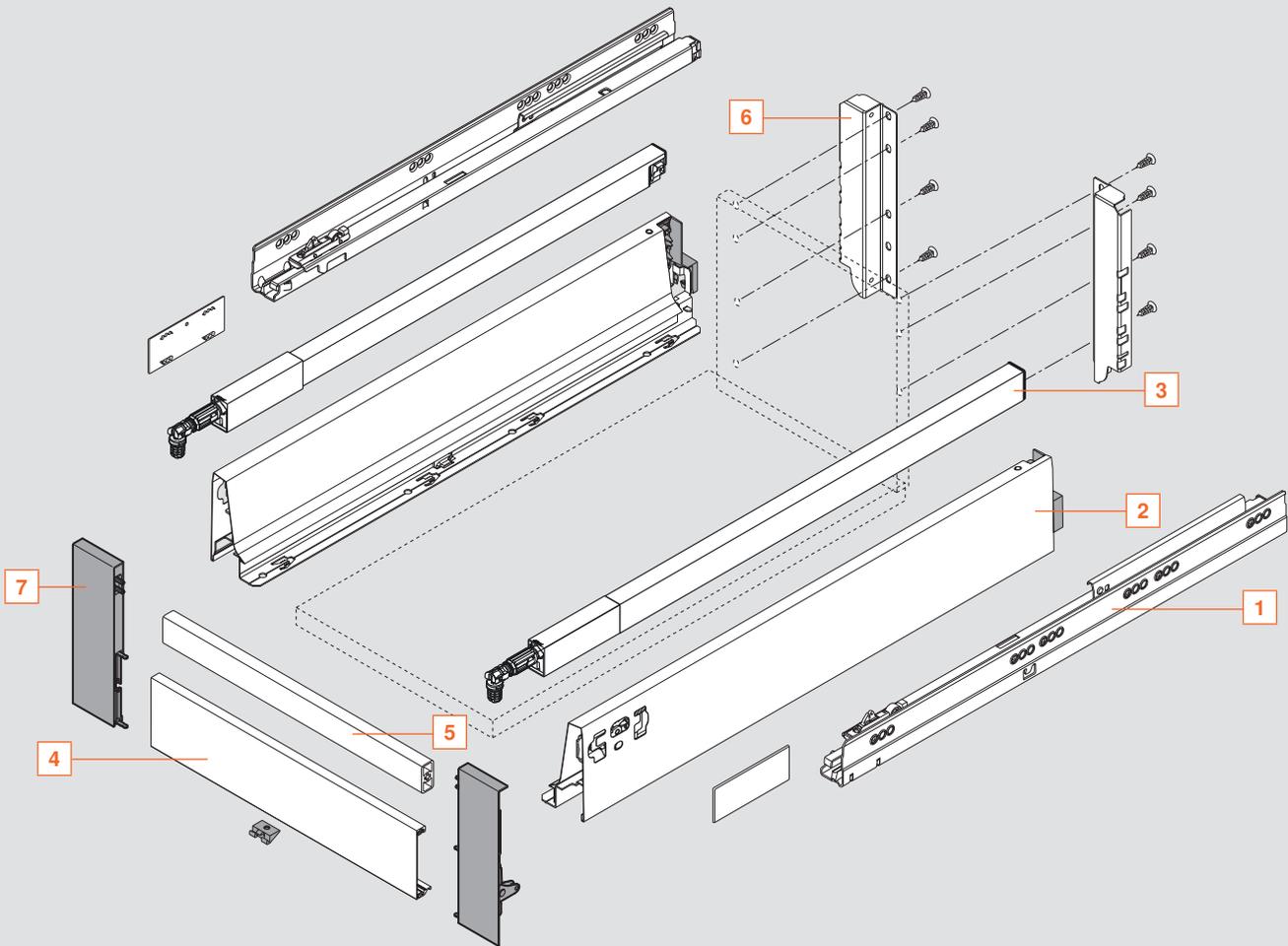
- Full extension drawer system with BLUMOTION
- TANDEM smooth running mechanism
- Three-dimensional drawer front adjustment
- Dynamic load capacity of 75 lb and 150 lb
- Drawer side height 207 (8-1/8")

Space Requirements



AL = Actual cabinet profile length
*Minimum opening height based on 3 (1/8") clearance

Components



NOTE: Parts identified on right page

Required Parts

TANDEMBOX

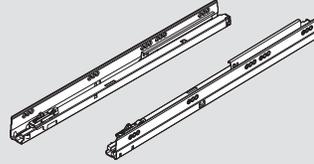


Cabinet and drawer profile sets

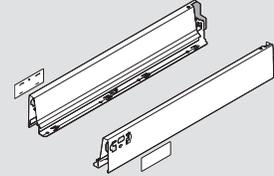
Sets include:

- Left and right profile
- Drawer profile includes color coordinated cover caps

1 Cabinet profile

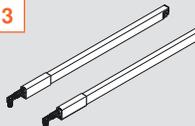


2 Drawer profile



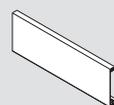
Nominal length	Actual cabinet profile length	75 lb	150 lb	Gray
16"	400 (15-3/4")	578.4001B		378M4002SA
18"	450 (17-11/16")	578.4501B	576.4501B	378M4502SA
20"	500 (19-11/16")	578.5001B	576.5001B	378M5002SA
22"	550 (21-5/8")	578.5501B	576.5501B	378M5502SA
24"	600 (23-5/8")		576.6001B	378M6002SA
26"	650 (25-9/16")		576.6501B	378M6502SA
Installation wood screw		707N	707N	612TH
Installation system screw		661.1300.HG	661.1300.HG	

Top gallery rail set

- 3**  **Set includes:**
- Left and right gallery rail

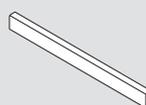
Actual cabinet profile length	Gray
400 (15-3/4")	ZRG.337RSIC
450 (17-11/16")	ZRG.387RSIC
500 (19-11/16")	ZRG.437RSIC
550 (21-5/8")	ZRG.487RSIC
600 (23-5/8")	ZRG.537RSIC
650 (25-9/16")	ZRG.587RSIC

Front piece

- 4**  **Set includes:**
- Length 1036 (40-13/16"), cut to size
 - Gray (R906)

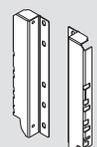
Part no.
Front piece
Z31L1036A

Cross rail

- 5**  **Set includes:**
- Length 1046 (41-3/16"), cut to size
 - Gray (R906)

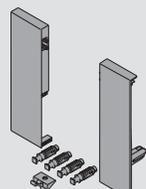
Part no.
Cross rail
ZRG.1046Z

Rear fixing bracket set

- 6**  **Set includes:**
- Left and right bracket
 - Gray (R906)

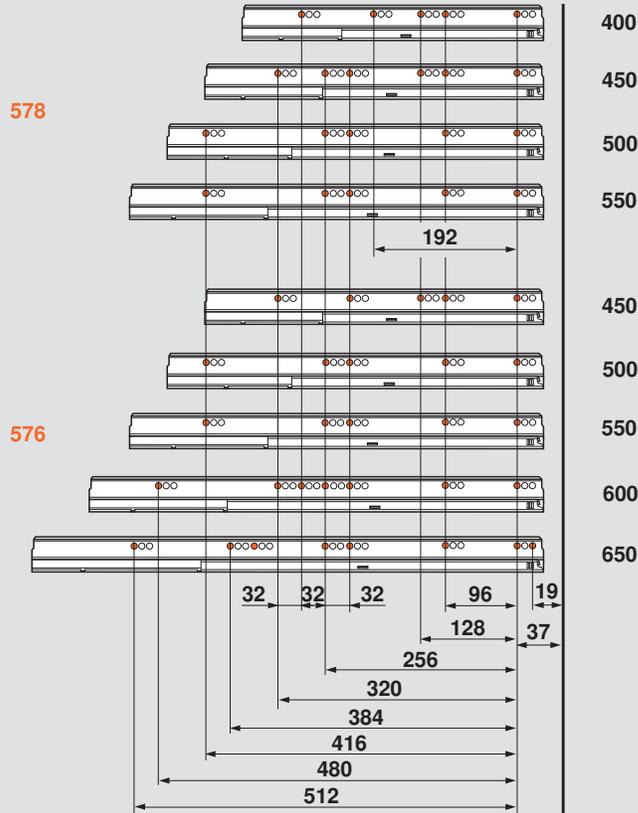
Part no.
Rear fixing bracket set
Z30D000SL
Installation screw
612TH

Front fixing bracket set – nylon

- 7**  **Set includes:**
- Left and right bracket
 - Bottom support
 - Gray (R906)

Part no.
Front fixing bracket set
ZIF.75D0.US

Cabinet profile installation



NOTE: Recommended screw locations in orange (system screws or #7 wood screws)

Cutting dimensions for bottom and back

Drawer bottom

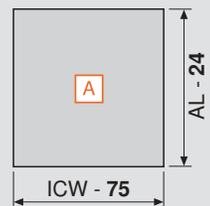
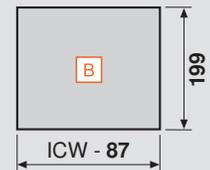
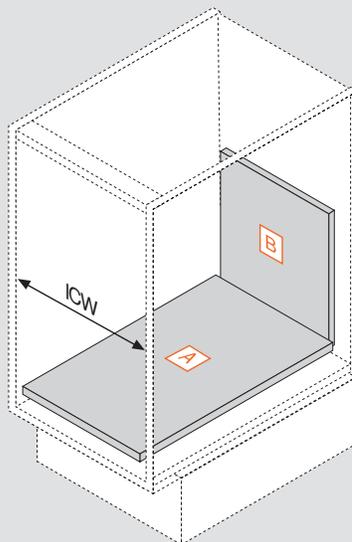
Width = Inside cabinet width minus 75 (2-15/16")

Length = Actual cabinet profile length minus 24 (15/16")

Drawer back

Width = Inside cabinet width minus 87 (3-7/16")

Height = 199 (7-13/16")



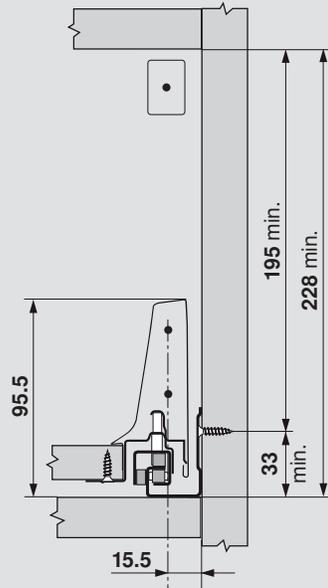
AL = Actual cabinet profile length

ICW = Inside cabinet width

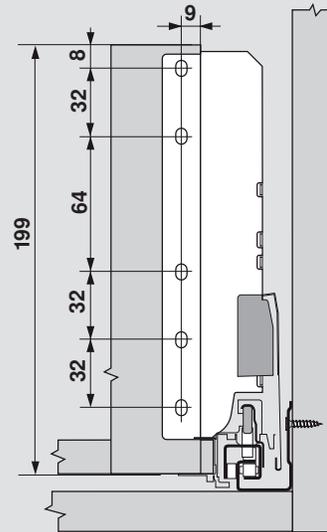
NOTE: Use 16 (5/8") material for bottom and back

Front fixing bracket installation

Drawer front



Cabinet

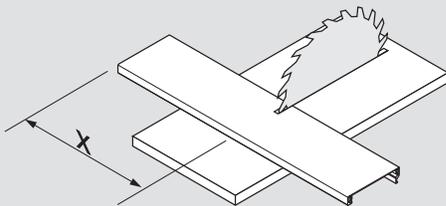


*Pre-boring dimensions for INSERTA and EXPANDO only, for screw-on pre-bore Ø2 x 2.5

Cutting front piece

Using metal cutting blade, cut front piece to size.

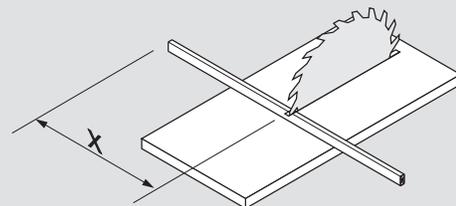
X = Inside cabinet width minus 132 (5-3/16")



Cutting cross rail

Using metal cutting blade, cut cross rail to size.

X = Inside cabinet width 122 (4-13/16")



TANDEMBOX



D Height with Double Gallery Interior Roll-out

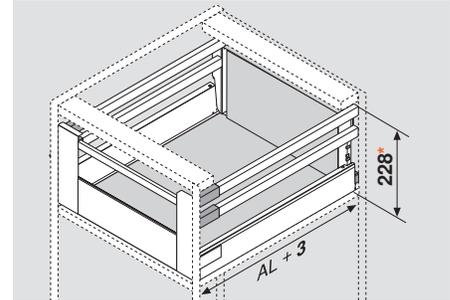
Application



Features

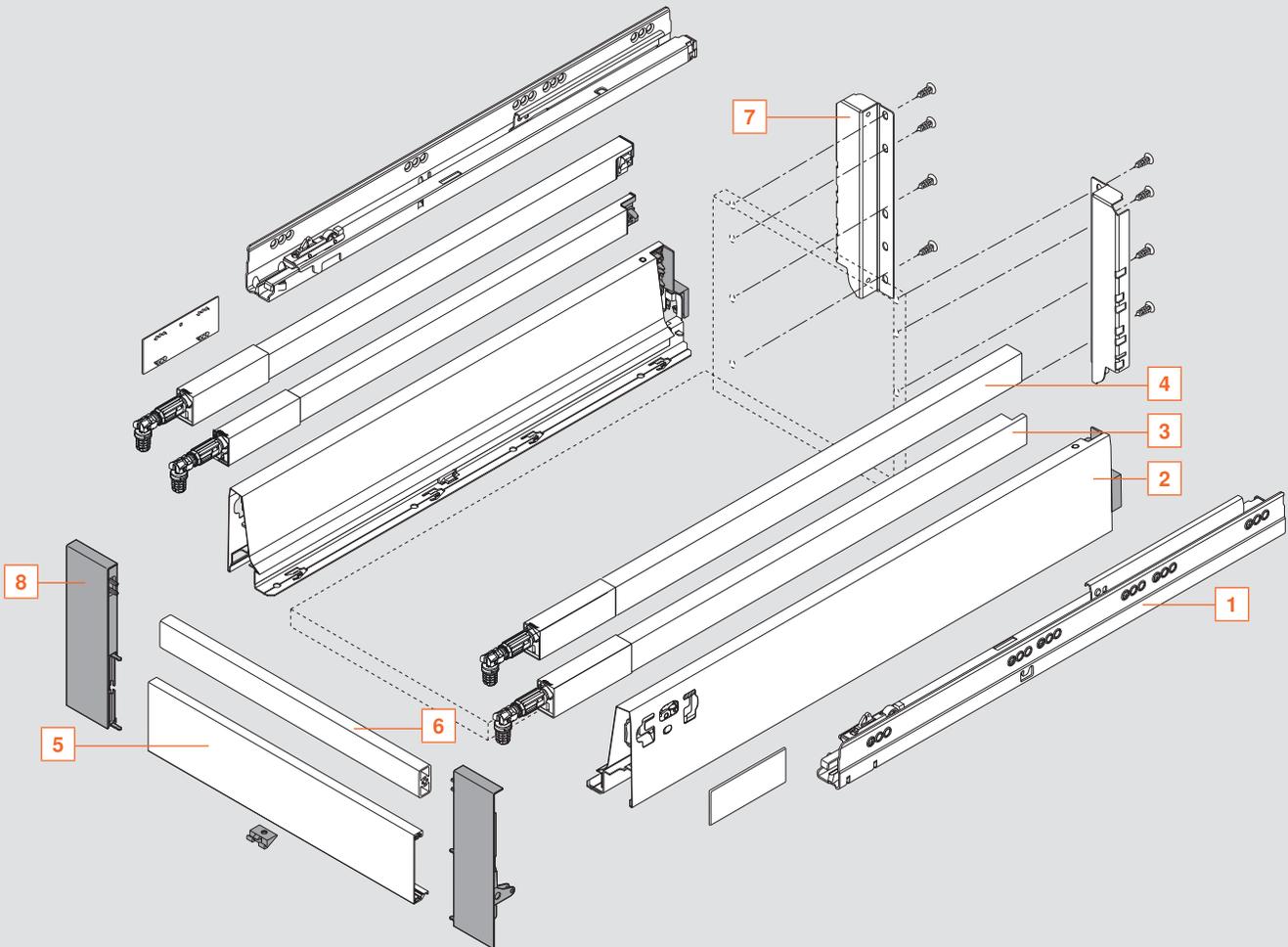
- Full extension drawer system with BLUMOTION
- TANDEM smooth running mechanism
- Three-dimensional drawer front adjustment
- Dynamic load capacity of 75 lb and 150 lb
- Drawer side height 207 (8-1/8")

Space Requirements



AL = Actual cabinet profile length
*Minimum opening height based on 3 (1/8") clearance

Components



NOTE: Parts identified on right page

Required Parts

TANDEMBOX

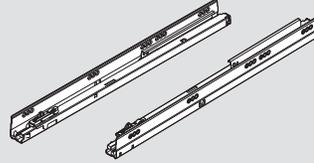


Cabinet and drawer profile sets

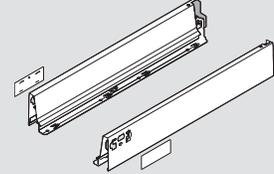
Sets include:

- Left and right profile
- Drawer profile includes color coordinated cover caps

1 Cabinet profile



2 Drawer profile



Nominal length	Actual cabinet profile length	75 lb	150 lb	Gray
16"	400 (15-3/4")	578.4001B		378M4002SA
18"	450 (17-11/16")	578.4501B	576.4501B	378M4502SA
20"	500 (19-11/16")	578.5001B	576.5001B	378M5002SA
22"	550 (21-5/8")	578.5501B	576.5501B	378M5502SA
Installation wood screw		707N	707N	612TH
Installation system screw		661.1300.HG	661.1300.HG	

Top gallery rail set

3



Set includes:

- Left and right gallery rail

Actual cabinet profile length

Gray

400 (15-3/4")	ZRG.337RSIC
450 (17-11/16")	ZRG.387RSIC
500 (19-11/16")	ZRG.437RSIC
550 (21-5/8")	ZRG.487RSIC

Center gallery rail set

4



Set includes:

- Left and right gallery rail

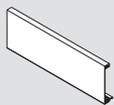
Actual cabinet profile length

Gray

400 (15-3/4")	ZRG.337RSIE
450 (17-11/16")	ZRG.387RSIE
500 (19-11/16")	ZRG.437RSIE
550 (21-5/8")	ZRG.487RSIE

Front piece

5



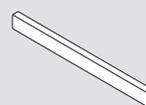
- Length 1036 (40-13/16"), cut to size
- Gray (R906)

Part no.

Front piece	Z31L1036A
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Cross rail

6



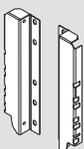
- Length 1046 (41-3/16"), cut to size
- Gray (R906)

Part no.

Cross rail	ZRG.1046Z
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Rear fixing bracket set

7



Set includes:

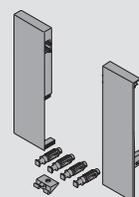
- Left and right bracket
- Gray (R906)

Part no.

Rear fixing bracket set	Z30D000SL
Installation screw	612TH

Front fixing bracket set – nylon

8



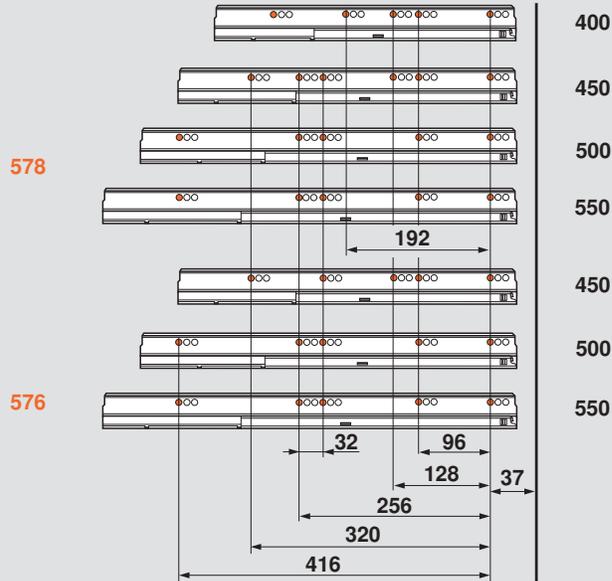
Set includes:

- Left and right bracket
- Bottom support
- Gray (R906)

Part no.

Front fixing bracket set	ZIF.75D0.US
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Cabinet profile installation



NOTE: Recommended screw locations in orange (system screws or #7 wood screws)

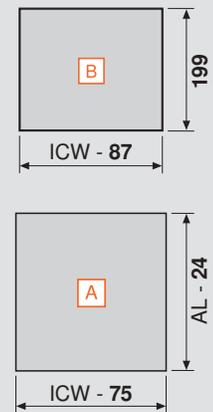
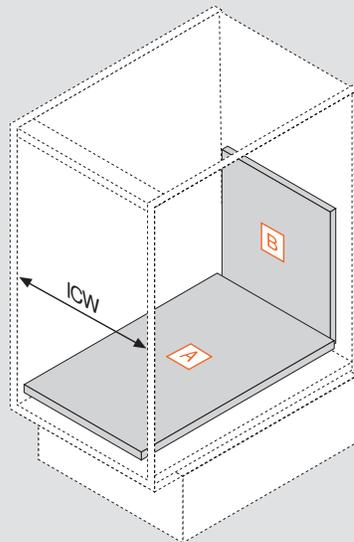
Cutting dimensions for bottom and back

Drawer bottom

Width = Inside cabinet width minus **75** (2-15/16")
 Length = Actual cabinet profile length minus **24** (15/16")

Drawer back

Width = Inside cabinet width minus **87** (3-7/16")
 Height = **199** (7-13/16")

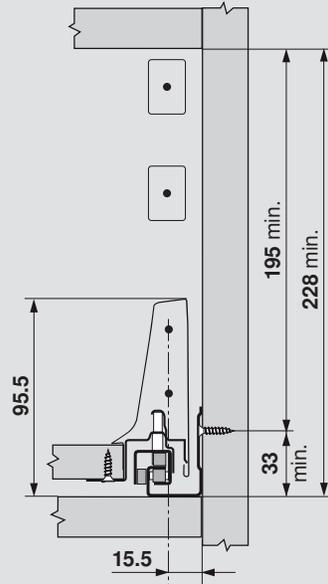


AL = Actual cabinet profile length
 ICW = Inside cabinet width

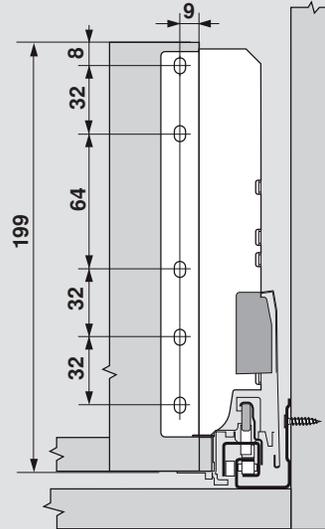
NOTE: Use **16** (5/8") material for bottom and back

Front fixing bracket installation

Drawer front



Cabinet

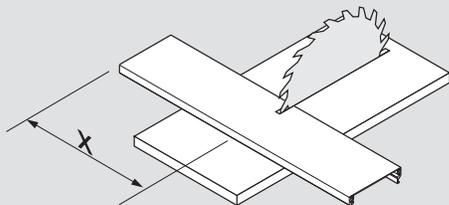


*Pre-boring dimensions for INSERTA and EXPANDO only, for screw-on pre-bore Ø2 x 2.5

Cutting front piece

Using metal cutting blade, cut front piece to size.

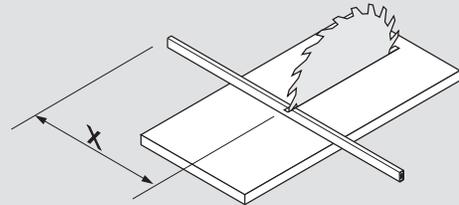
X = Inside cabinet width minus 132 (5-3/16")



Cutting cross rail

Using metal cutting blade, cut cross rail to size.

X = Inside cabinet width minus 122 (4-13/16")



TANDEMBOX



SPACE CORNER M Height

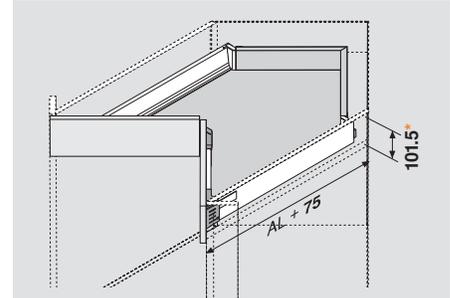
Application



Features

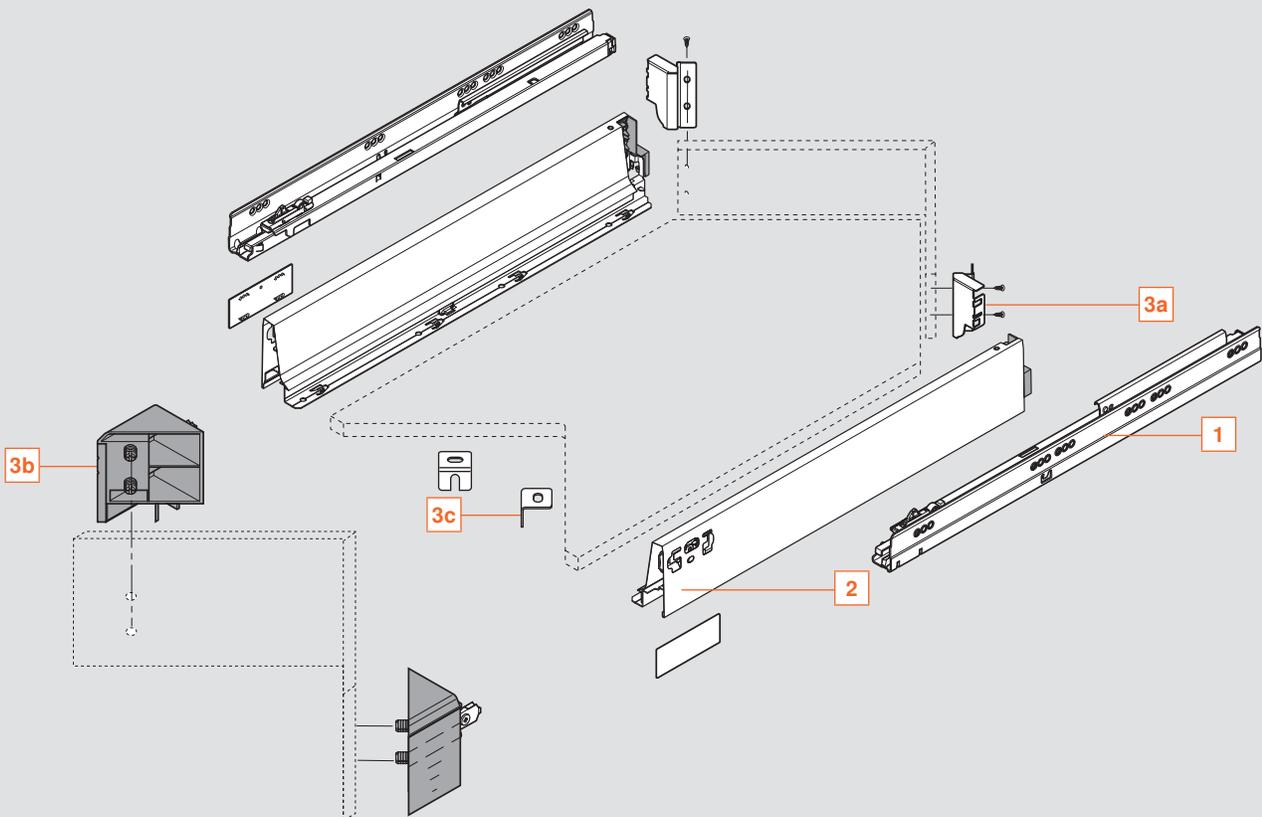
- Full extension drawer system with BLUMOTION
- TANDEM smooth running mechanism
- Two-dimensional drawer front adjustment
- Dynamic load capacity of 150 lb

Space Requirements



AL = Actual cabinet profile length
*Minimum opening height based on 3 (1/8") clearance

Components



Cabinet and drawer profile sets

Sets include:

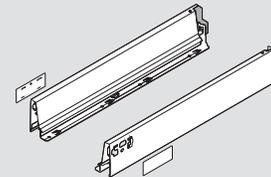
- Left and right profile
- Drawer profile includes color coordinated cover caps

1 Cabinet profile



150 lb

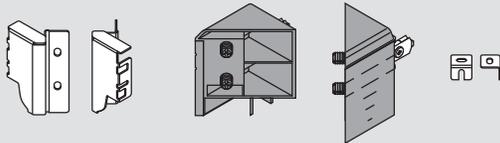
2 Drawer profile



Gray

Nominal length	Actual cabinet profile length		
24"	600 (23-5/8")	576.6001B	378M6002SA
26"	650 (25-9/16")	576.6501B	378M6502SA
Installation wood screw		707N	612TH
Installation system screw		661.1300.HG	

SPACE CORNER set – M Height

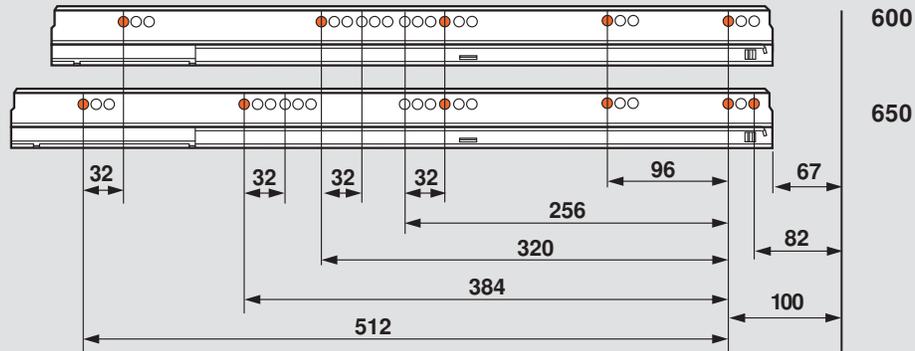


Set includes:

- 3a** Corner rear fixing bracket (qty 2)
- 3b** Corner front piece (gray only) (qty 2)
- 3c** Drawer front support bracket (qty 2)
- Rear fixing bracket available in gray (R906)

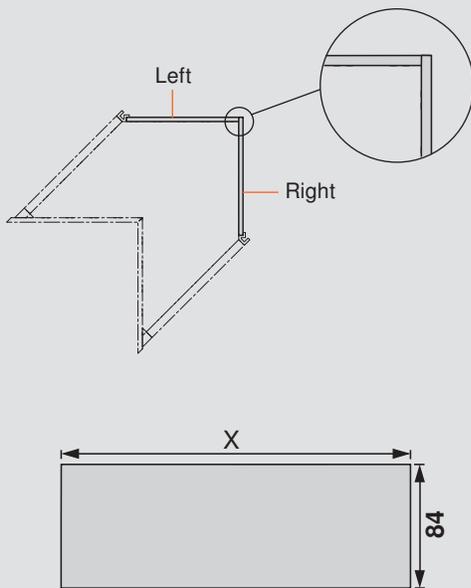
	Part no.
SPACE CORNER set	ZSF.340E.M1

Cabinet profile installation



NOTE: Recommended screw locations in orange (system screws or #7 wood screws)

Drawer back cutting dimensions



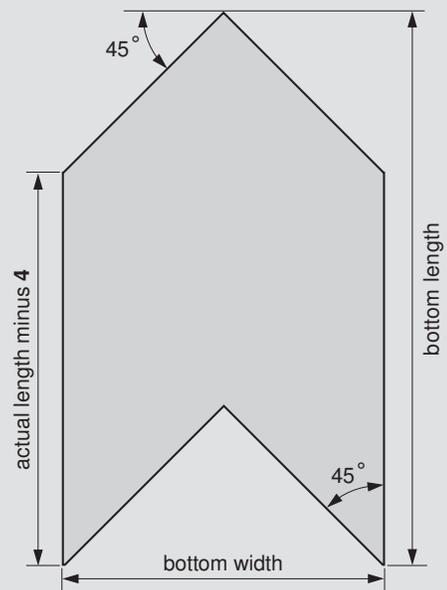
Calculating cutting of drawer backs

Right back piece	$X = \text{Opening width minus } 75 \times 0.707$
Left back piece	$X = \text{Right back piece length minus } 16$

Drawer bottom cutting dimensions

Bottom width = Inside cabinet width minus 75 (2-15/16")

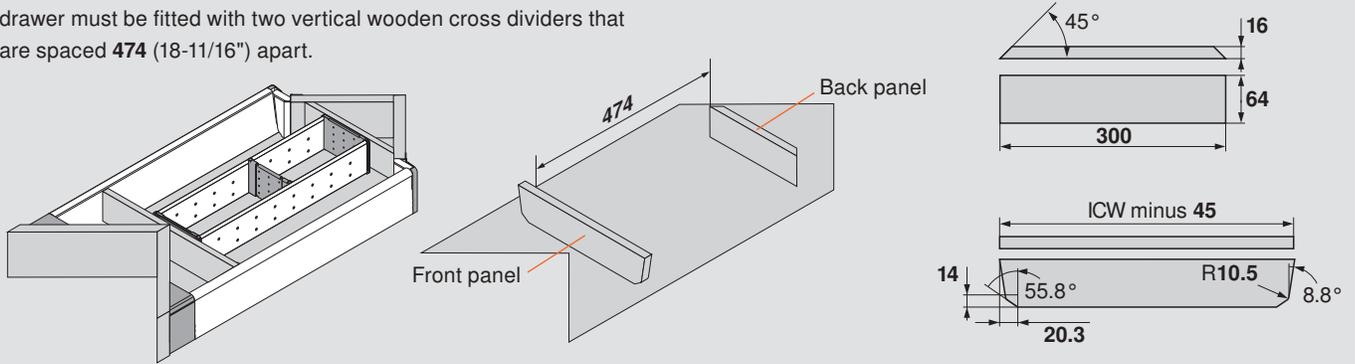
Bottom length = Bottom width divided by two, plus actual cabinet profile length minus 4 (3/16")



NOTE: Use 16 (5/8") material for bottom

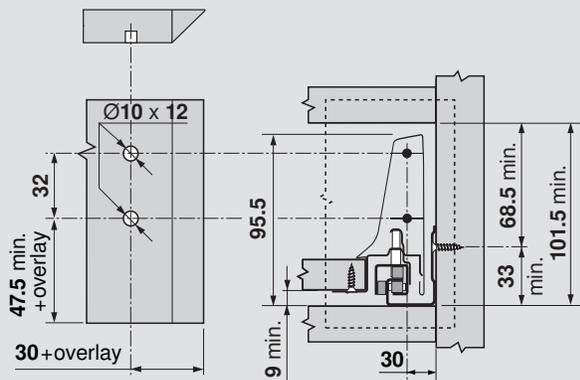
SPACE CORNER preparation for ORGA-LINE

In order to use ORGA-LINE in an M height SPACE CORNER, the drawer must be fitted with two vertical wooden cross dividers that are spaced **474** (18-11/16") apart.

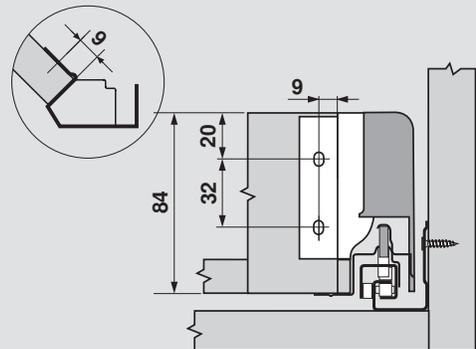


Front fixing bracket installation

EXPANDO



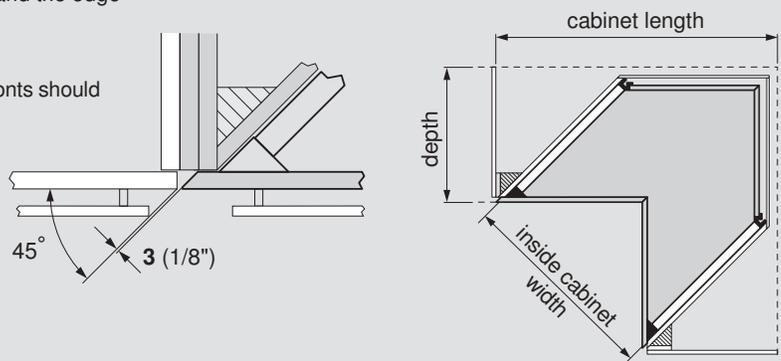
Corner rear fixing bracket installation



Cabinet measurements

A minimum clearance of **3 (1/8")** must be maintained between the opening path of the drawer front of the SPACE CORNER and the edge of the adjacent drawer front (including the drawer handle).

To facilitate this, the edge of the SPACE CORNER drawer fronts should be cut at a 45 degree angle.



TANDEMBOX



SPACE CORNER with Single Gallery

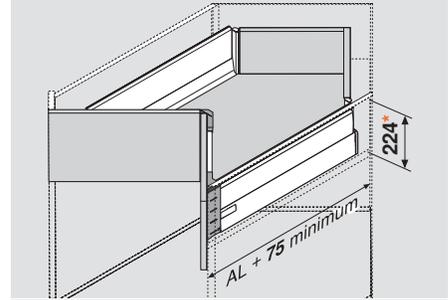
Application



Features

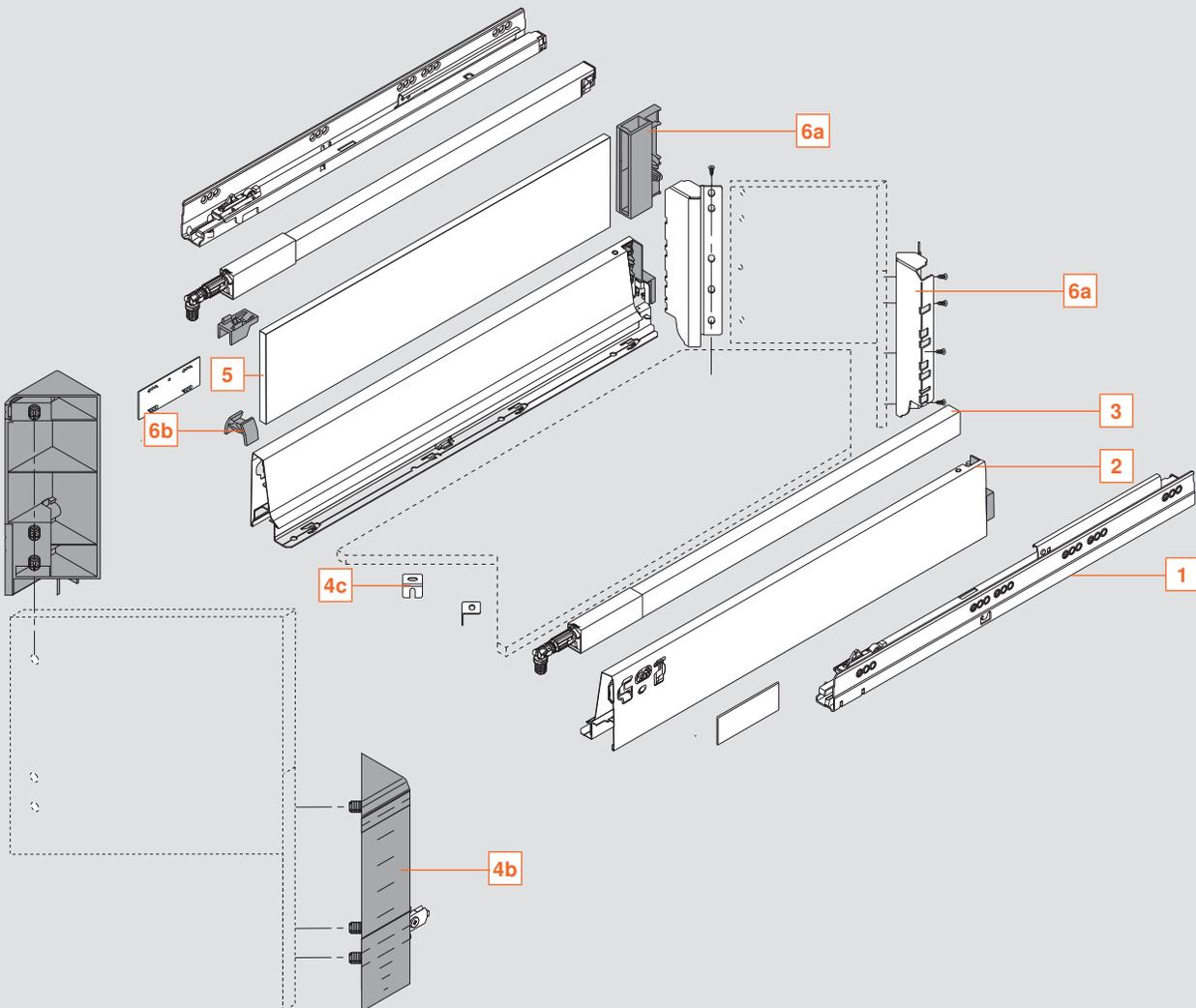
- Full extension drawer system with BLUMOTION
- TANDEM smooth running mechanism
- Three-dimensional drawer front adjustment
- Dynamic load capacity of 150 lb

Space Requirements



AL = Actual cabinet profile length
*Minimum opening height based on 3 (1/8") clearance

Components



Required Parts

TANDEMBOX



Cabinet and drawer profile sets

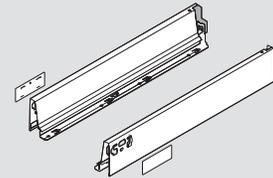
Sets include:

- Left and right profile
- Drawer profile includes color coordinated cover caps

1 Cabinet profile



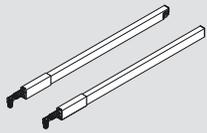
2 Drawer profile



Nominal length	Actual cabinet profile length	150 lb	Gray
24"	600 (23-5/8")	576.6001B	378M6002SA
26"	650 (25-9/16")	576.6501B	378M6502SA
Installation wood screw		707N	612TH
Installation system screw		661.1300.HG	

Top gallery rail set

3



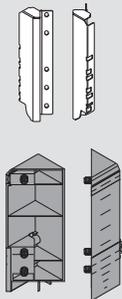
Set includes:

- Left and right gallery rail

Actual cabinet profile length	Gray	Part no.
600 (23-5/8")	ZRG.537RSIC	
650 (25-9/16")	ZRG.587RSIC	
SPACE CORNER set		ZSF.345E.D1

SPACE CORNER set – D height

4

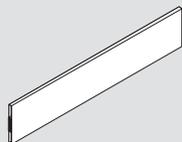


Set includes:

- 4a** Corner rear fixing bracket (qty 2)
- 4b** Corner front piece (qty 2)
- 4c** Drawer front support bracket (qty 2)
- Corner rear fixing bracket available in gray (R906)

Metal design element

5

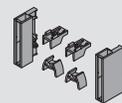


- Two required per drawer
- Gray (R906)

Actual cabinet profile length	Part no.
650 (25-9/16")	Z37A617D

Gallery bracket set

6

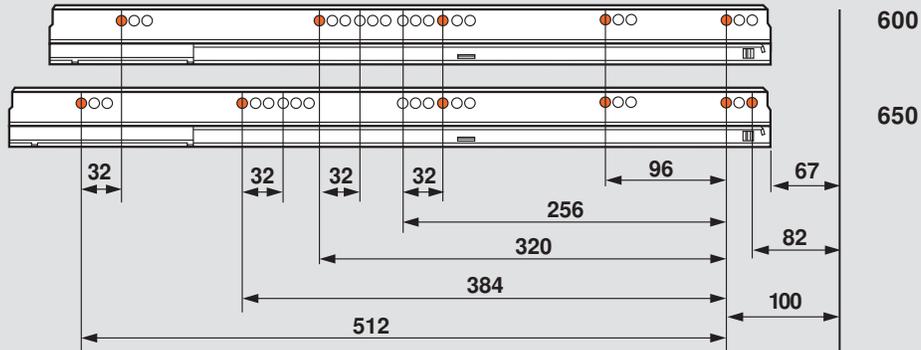


Set includes:

- 6a** Left and right rear brackets
- 6b** Front fixing clips (qty 4)
- Gray (R906)

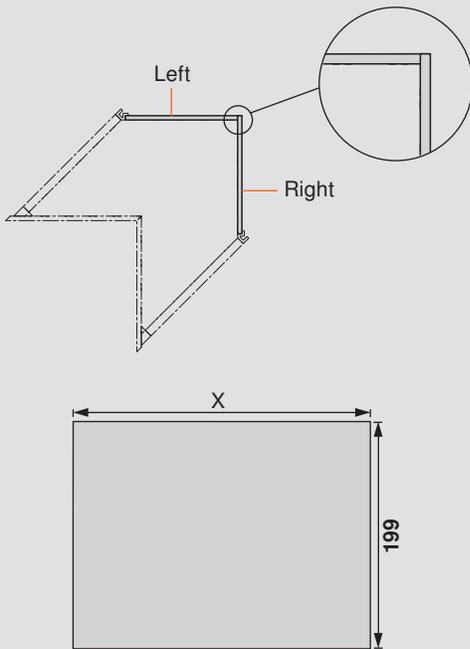
Gallery bracket set	Part no.
	Z36D0080

Cabinet profile installation



NOTE: Recommended screw locations in orange (system screws or #7 wood screws)

Drawer back cutting dimensions



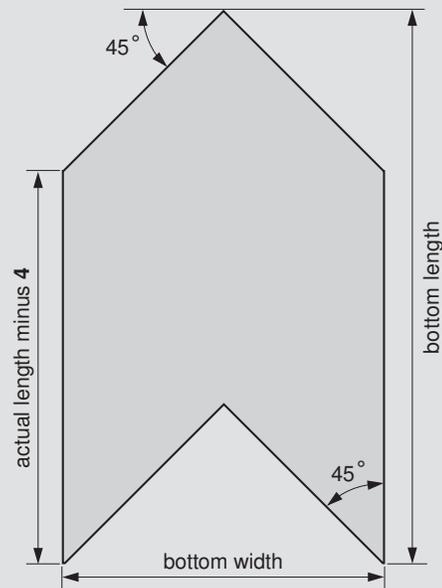
Calculating cutting of drawer backs

Right back piece	$X = \text{Inside cabinet width minus } 75 \times 0.707$
Left back piece	$X = \text{Right back piece length minus } 16$

Drawer bottom cutting dimensions

Bottom width = Inside cabinet width minus 75 (2-15/16")

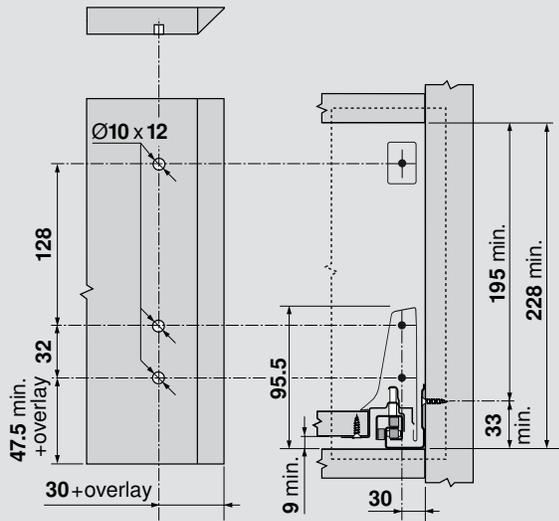
Bottom length = Bottom width divided by two, plus actual cabinet profile length minus 4 (3/16")



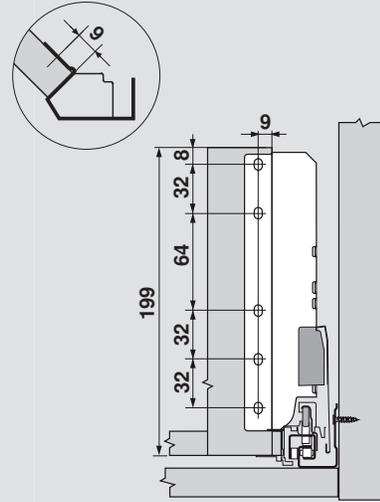
NOTE: Use 16 (5/8") material for bottom

Front fixing bracket installation

EXPANDO



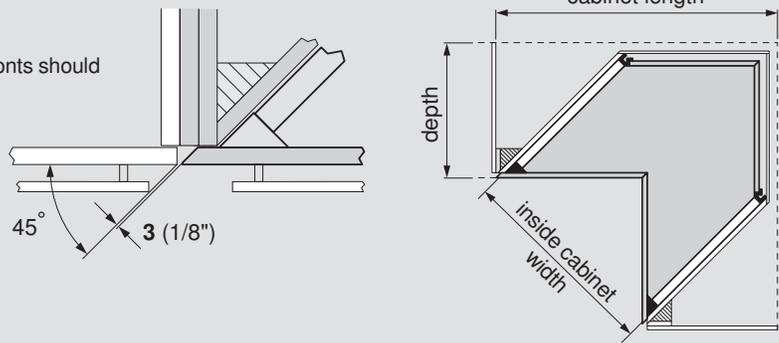
Corner rear fixing bracket installation



Cabinet measurements

A minimum clearance of 3 (1/8") must be maintained between the opening path of the drawer front of the SPACE CORNER and the edge of the adjacent drawer front (including the drawer handle).

To facilitate this, the edge of the SPACE CORNER drawer fronts should be cut at a 45 degree angle.



TANDEMBOX



Dual Sink Drawer

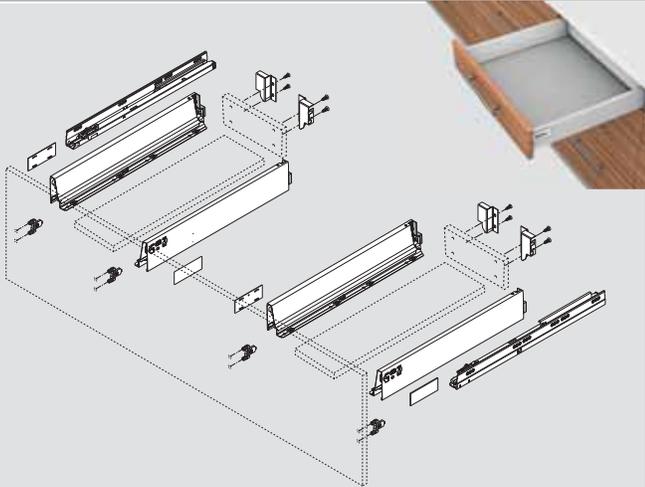
Application



Features

- Full extension drawer system with BLUMOTION
- TANDEM smooth running mechanism
- Three-dimensional drawer front adjustment
- Dynamic load capacity of 75 lb and 150 lb

M Height

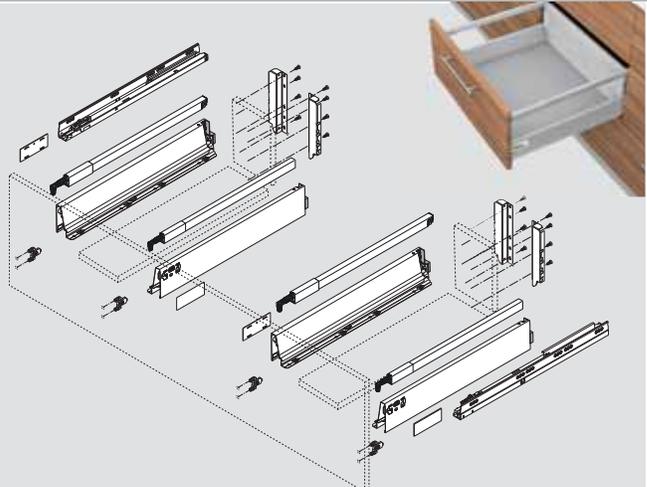


Required components and specifications

M Height

page 16-19

D Height with Single Gallery



Required components and specifications

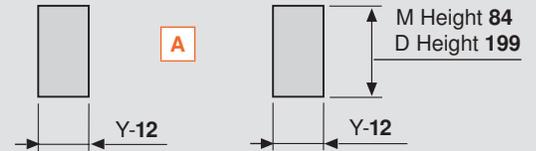
D Height with Single Gallery

page 24-27

Cutting dimensions for bottom and back

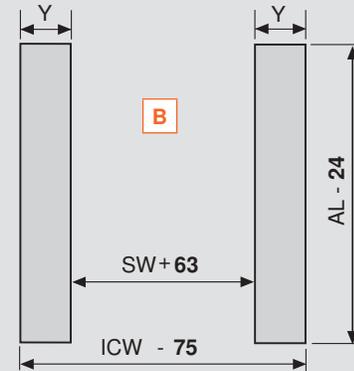
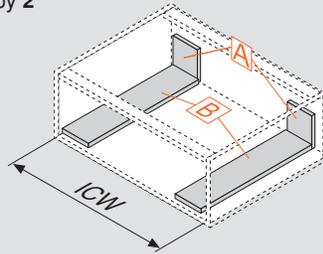
A Drawer back

Width = Y minus 12 then subtract 12
 M Height = 84 (3-5/16")
 D Height = 199 (7-13/16")
 Y minimum = 48 (1-7/8")
 Y maximum = **Trial recommended**



B Drawer bottom

Minimum width = 43 (1-11/16") each
 Length = Actual cabinet profile length minus 24 (15/16")
 Y = Drawer bottom width minus (SW+63) divided by 2



AL = Actual cabinet profile length

ICW = Inside cabinet width

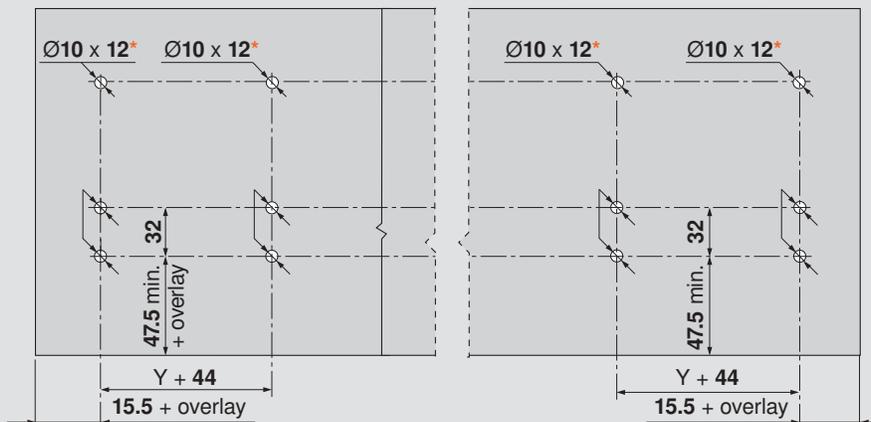
SW = Width of the sink

Y = Drawer bottom width of side 1 or 2 (variable)

Z = Actual cabinet profile length minus 164 (6-7/16")

NOTE: Use 16 (5/8") material for bottom and back

Drawer front preparation



*Pre-boring dimensions for INSERTA and EXPANDO only, for screw-on pre-bore Ø2 x 2.5

TANDEMBOX



Waste/recycle Set with SERVO-DRIVE

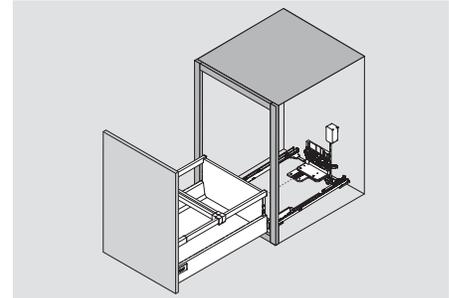
Application



Features

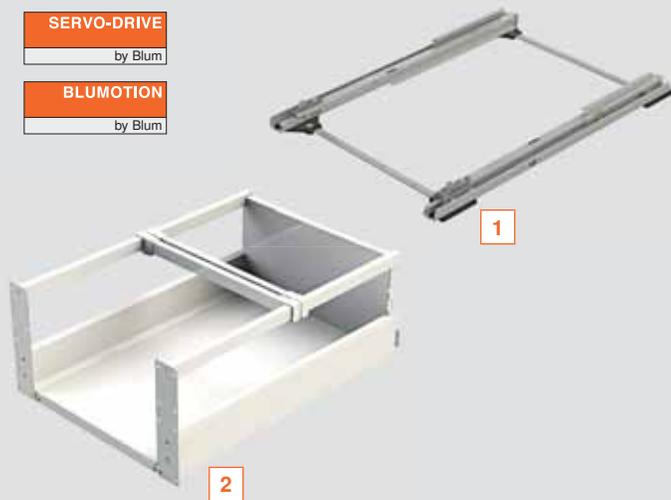
- Pre-assembled bottom mount solution
- TANDEMBOX heavy duty full extension drawer system
- For 12", 15" and 18" minimum opening widths
- For face frame and frameless applications
- Three-dimensional drawer front adjustment
- Maximum 6 (1/4") cabinet bottom recess
- TANDEM smooth running action
- 175 lb static, 150 lb dynamic load rating
- SERVO-DRIVE touch-to-open feature

Basic Components



NOTE: Bins not included

TANDEMBOX waste/recycle set

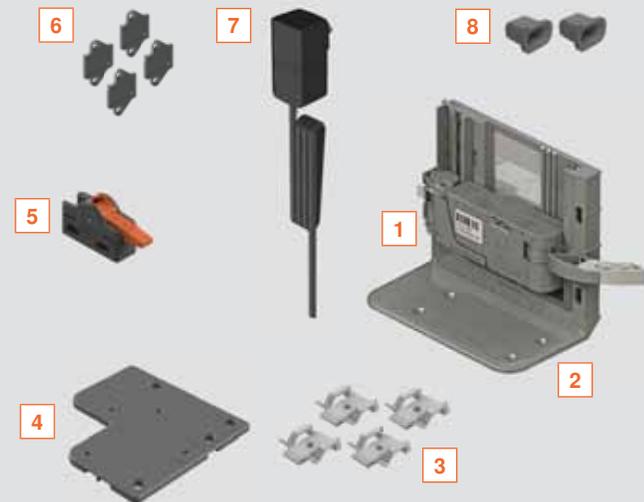


Set includes:

- 1 TANDEMBOX heavy duty runner set with pre-mounted #6 x 3/4" wood screws for installation (qty 8)
 - 2 Pre-assembled silk white TANDEMBOX drawer
- Installation template and instructions
 - #6 x 5/8" wood screws for attachment to drawer front (qty 10)
 - TANDEMBOX cover caps (qty 2)

TANDEMBOX waste/recycle set	Drawer length	Part no.
For 12" minimum opening width	550 (21-5/8")	376M55B7SAB
For 15" minimum opening width	550 (21-5/8")	376M55B7SAD
For 18" minimum opening width	550 (21-5/8")	376M55B7SAF

SERVO-DRIVE waste/recycle set



Set includes:

- 1 Drive unit (pre-attached)
 - 2 Double bottom bracket with #6 x 1" wood screws (qty 2)
 - 3 Cable clips (qty 4)
 - 4 Adapter plate
 - 5 INSERTA cable connector
 - 6 Screw-on distance bumpers (qty 4) with #6 x 5/8" wood screws for installation (qty 8)
 - 7 110 volt plug-in power supply with six feet of universal cable
 - 8 Cable end protectors (qty 2)
- Installation template, instructions and user manual

SERVO-DRIVE waste/recycle set	Part no.
SERVO-DRIVE waste/recycle set	Z10NA30UGUS

NOTE: Power supply will operate up to two drive units in a double bottom bracket application (second drive unit sold separately)

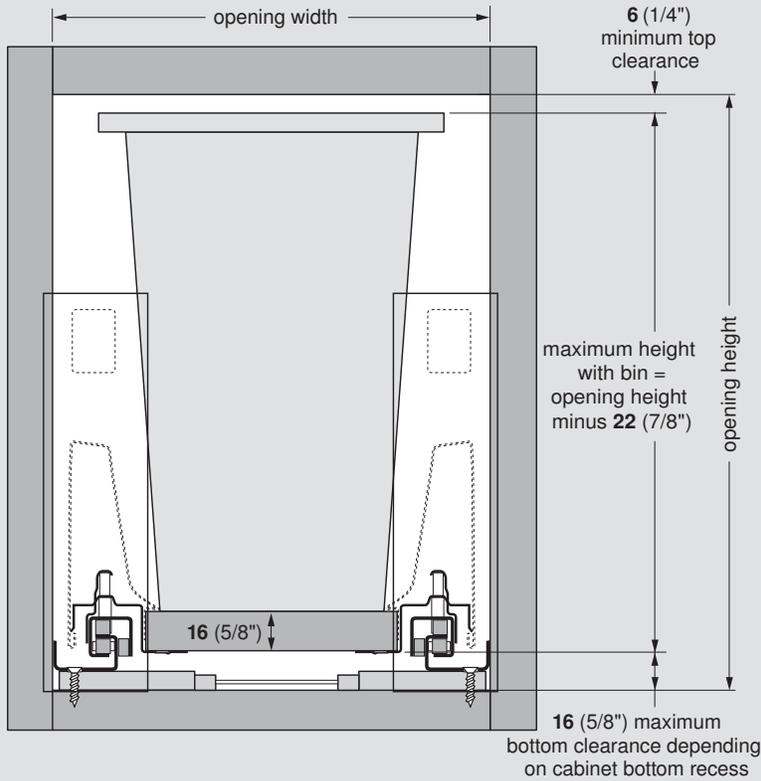
Specifications

TANDEMBOX



Drawer and Cabinet Specifications

Front view



A retainer or wood block should be added to the TANDEMBOX drawer to secure the bins and keep them from pressing against the drawer front during daily operation

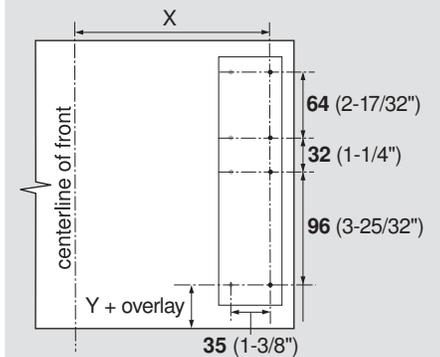
NOTE: Minimum opening height = 233 (9-3/16")

i Important

Bin width and height must be considered when designing your cabinet (see the diagram on the left).

Minimum inside cabinet depth	
With SERVO-DRIVE	574 (22-19/32")
Without SERVO-DRIVE	569 (22-13/32")

Drawer front attachment

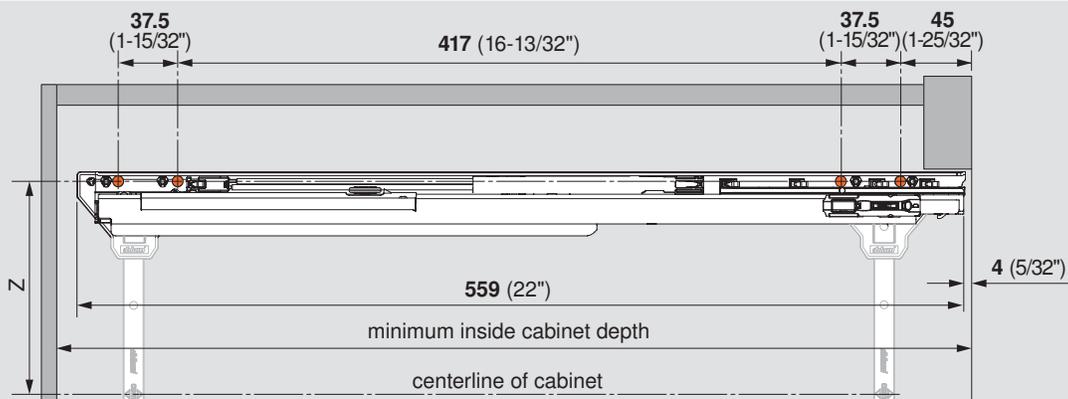


Y	Cabinet bottom recess		
	6 (1/4")	3 (1/8")	Flush
Y	16 (5/8")	19 (3/4")	22 (7/8")

Waste/recycle set	376M55B7SAB	376M55B7SAD	376M55B7SAF
X	154.5 (6-3/32")	192.5 (7-19/32")	230.5 (9-1/16")
Z	146.5 (5-25/32")	184.5 (7-1/4")	222.5 (8-3/4")
Minimum opening width	305 (12")	381 (15")	457 (18")

Set mounting specifications

Top view



NOTE: Orange dots indicate pre-mounted screw locations. All four screws are required to meet specified load capacities.

Cabinet profile template

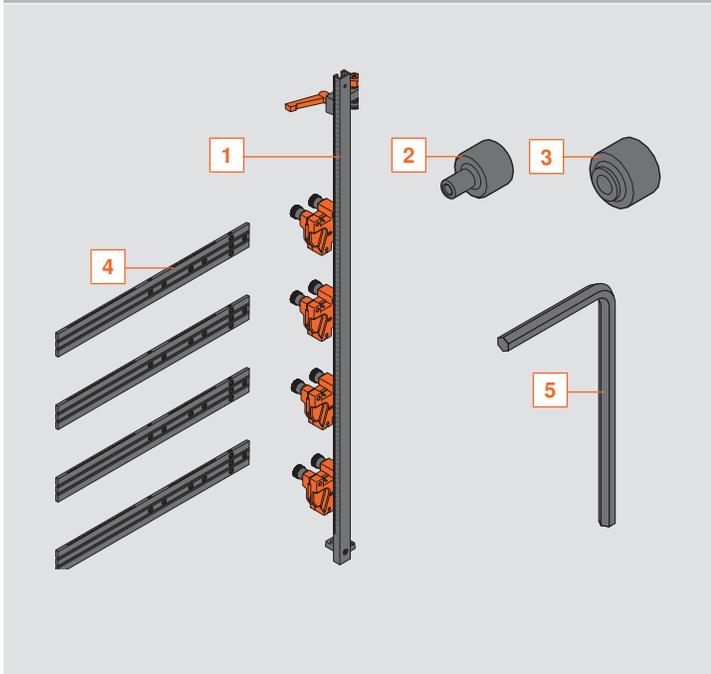


- Used for pre-boring holes for LEGRABOX, TANDEMBOX, and TANDEM drawer runners
- Can also be used to pre-bore AVENTOS locating pins and pre-boring for hinge mounting plates

Part no.

Cabinet profile template	65.1000.01
Replacement template	65.1001.01
Ø2.5 drill bit	DB-2.5mm

Components



Cabinet profile template includes:

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

Universal individual template



- Used for pre-boring holes for LEGRABOX, TANDEMBOX, and TANDEM drawer runners
- Can also be use to pre-bore for AVENTOS locating pins and pre-boring for hinge mounting plates
- Calibrated scale for accurate setting

Set includes:

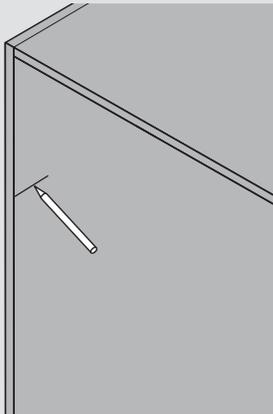
- Universal individual template
- Ø2.5 and Ø5 stop collars

Part no.

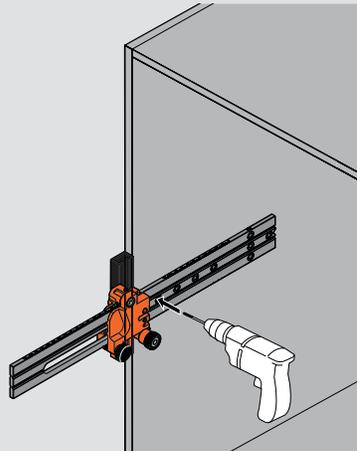
Universal individual template	65.1051.02
Ø2.5 drill bit	DB-2.5mm

Pre-boring for cabinet profile mounting holes

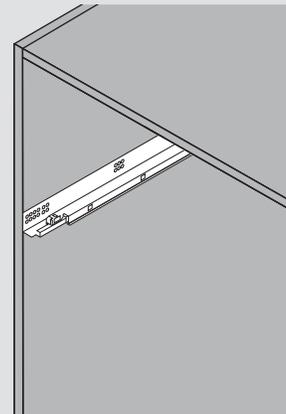
1 Mark position



2 Line up template with mark and pre-bore required holes



3 Attach runner



Cabinet profile template SPACE CORNER stop set

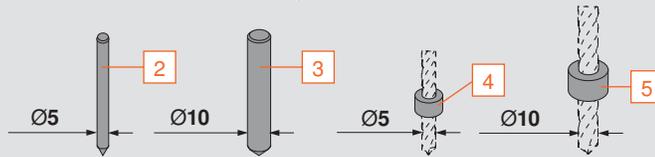


- Used for pre-boring mounting screw locations in TANDEM and TANDEMBOX SPACE CORNER applications
- Ensures correct setback

Part no.

SPACE CORNER stop set	65.1106
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Universal boring template



Set includes:

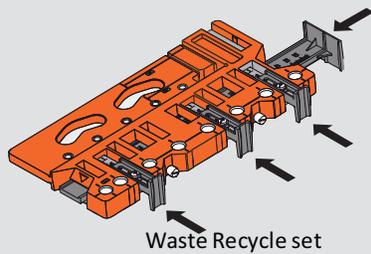
- 1 Template
- 2 Ø5 marking pin
- 3 Ø10 marking pin
- 4 Ø5 stop collar
- 5 Ø10 stop collar

- Used for boring drawer fronts, locates all fixing positions
- Used to pre-bore for drawer fronts, bottoms and backs for LEGRABOX, TANDEMBOX and METABOX drawer systems, also AVENTOS mounting plates

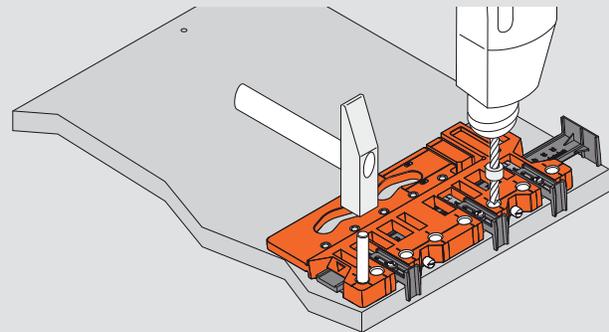
	Part no.
Universal boring template	ZML.0040.01
Ø5 drill bit	DB-5mm
Ø10 drill bit	DB-10mm

Using the universal boring template

1 Set stops using calibration



2 Pre-bore with Ø10 bit or mark fixing locations



TANDEMBOX front marking templates

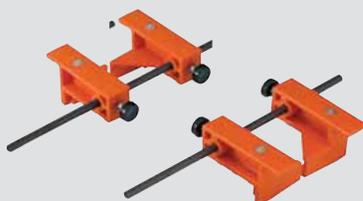


- Used for marking front fixing locations
- For TANDEMBOX 37XM/L drawer profiles

Includes:

- Marking template (left and right)
- Marking flag for 37XL drawer profile (left and right)

	Part no.
Front marking template	ZML.3580.01



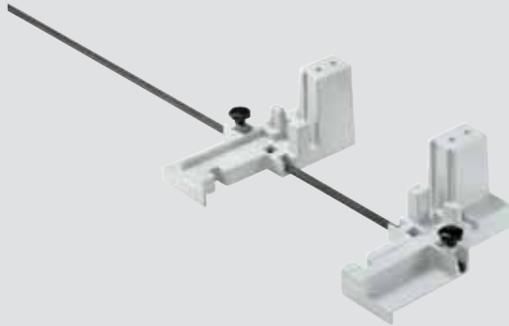
- Can mark for gallery locations

Includes:

- Marking template (left and right)

	Part no.
Gallery marking template	ZML.3600

BOXFIX E-T



Using BOXFIX E-T you can manually assemble TANDEMBOX easier than ever. Its easy setup and comfortable work height all contribute to a more efficient assembly of TANDEMBOX drawers.

- For all TANDEMBOX heights and lengths
- For cabinet widths **250** to **1200** (9-13/16" to 47-1/4")
- For cabinet back heights up to **250** (9-13/16")

Part no.

BOXFIX E-T

ZMM.0350

BOXFIX P



Using the new BOXFIX P you can assemble TANDEMBOX and LEGRABOX faster than ever. Its easy setup, pneumatic clamps, and comfortable work height all contribute to faster, more efficient assembly of LEGRABOX and TANDEMBOX drawers.

- For all LEGRABOX and TANDEMBOX heights and lengths
- One adjustable stop for drawer width included (additional stops available)
- For cabinet widths **275** to **1200** (10-13/16" to 47-1/4")
- For back heights up to **350** (13-3/4")

Part no.

BOXFIX P

ZMM.2750.01

MINIPRESS P – Deluxe boring and insertion machine



- Front adjustable boring distance with digital counter
- Pneumatic hold-down clamps
- Boring depth adjustment
- Ruler stops (qty 4)
- Tool kit included
- Dust collection attachment
- Optional laser center line set
- Accepts 8 or 9 spindle heads

Part no.

Single phase – 220V power

M53.1053*US

Three-phase – 220V power

M53.1004*US

MINIPRESS M – 110V manual boring and insertion machine



- 110V power with molding plug (portable)
- Does not require pressurized air
- Ruler stops (qty 4)
- Tool kit included
- Dust collection attachment
- Accepts 8 or 9 spindle heads

Part no.

Single phase – 110V power

M52.1056*US

MINIDRILL P – Standard boring machine



- Front adjustable boring distance
- Ruler stops (qty 4)
- Tool kit included
- Dust collection attachment
- Optional laser center line, digital counter and hold down clamps sets
- Accepts 8 or 9 spindle heads

Part no.

Single phase – 220V power

M53.1053*50

8 spindle head



- 8 spindle head for use with MINIPRESS/MINIDRILL
- Bores eight holes spaced **32** apart, perpendicular to the fence
- Quick-disconnect chucks
- Once aligned, does not require additional adjustment
- Bores all METABOX/TANDEMBOX/LEGRABOX front fixing brackets and galleries
- Bores cabinet side panels for all Blum runner systems
- Requires retrofit set for use with machines produced in 2009 or prior

Includes:

- Ø3 allen wrench
- Distance spacer
- Drive pin
- Air hose

Part no.

8 spindle head	MZK.880S
Chuck cover cap	M30.1329

9 spindle head



- 9 spindle head for use with MINIPRESS/MINIDRILL
- Bores nine holes spaced **32** apart, parallel to the fence
- Quick-disconnect chucks
- Once aligned, does not require additional adjustment
- Bores cabinet side panel for **32** system boring for Blum mounting plates and runners
- Requires retrofit set for use with machines produced in 2009 or prior

Includes:

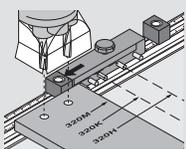
- Ø3 allen wrench
- Distance spacer
- Drive pin
- Air hose

Part no.

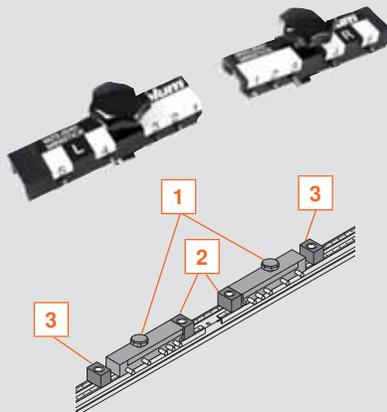
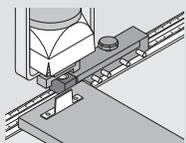
9 spindle head	MZK.190S
Chuck cover cap	M30.1329

MINISTICK

Boring drawer fronts



Inserting front fixing brackets



- Enables fast setup for drawer front boring and front fixing bracket insertion with the MINIPRESS
- Eliminates the need for multiple fence stops

Includes:

- Left hand and right hand adjustment stick mechanism
- Upper drawer stops (qty 2)
- Bottom drawer stops (qty 2)

Part no.

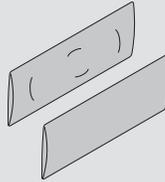
MINISTICK	MZS.0040
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TANDEMBOX



Accessories

TANDEMBOX cover caps

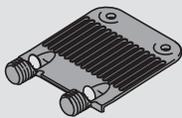


- For use with TANDEMBOX drawers
- Non-handed, symmetrical design
- Gray
- Custom logo printing available

Part no.
Gray cover cap **ZAA.532C**

Front stabilization bracket

- Used for stabilizing wide drawers and/or tall drawer fronts
- Reinforces the connection between the drawer bottom and the front
- One required per drawer, center on drawer bottom

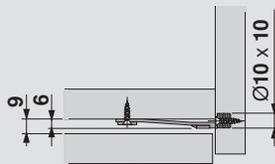


Part no.

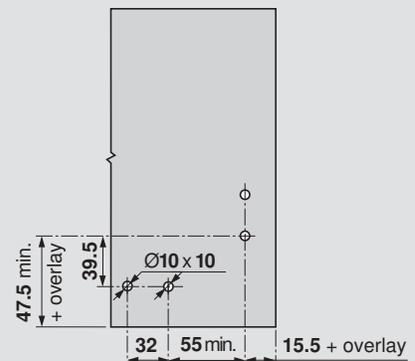
Front stabilizer bracket **Z96.10E1**

Front stabilization bracket application

Space requirements



Front boring dimensions



Side spacer

For spacing out cabinet profiles for clearance on interior roll-out trays.

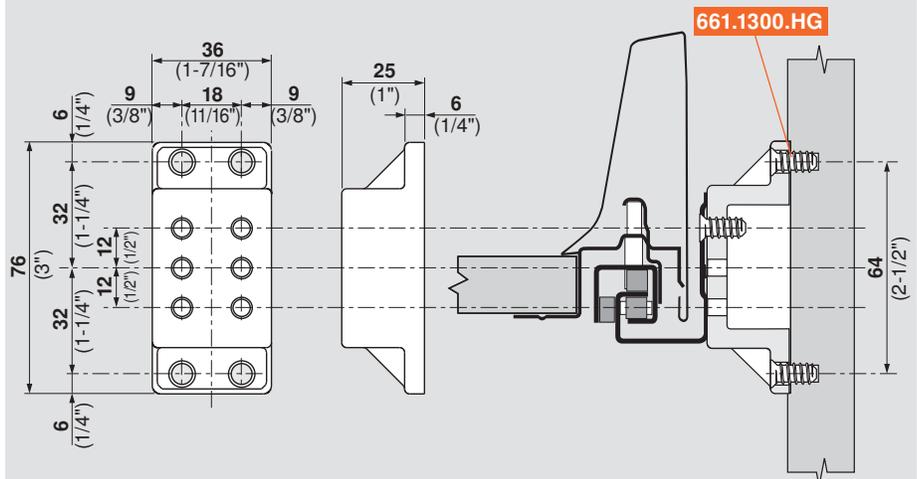


Part no.

Spacer **T59.3570**

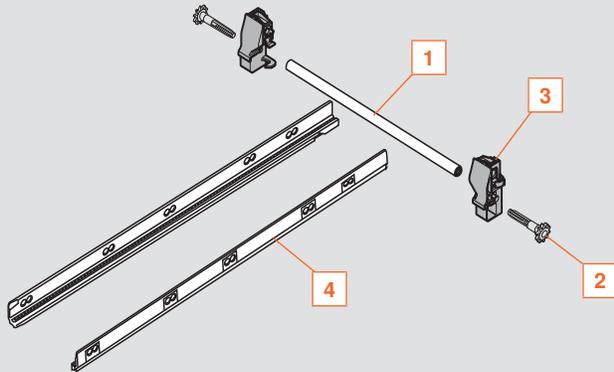
POZI installation screw **661.1300.HG**

Side spacer application



NOTE: Use two on 578 series and three on 576 series

Lateral stabilizer set



Set includes:

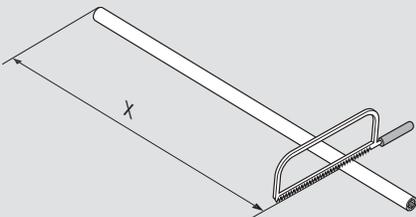
- 1 Linkage rod, 1076 (42-3/8") cut to size
- 2 Pinion gears (qty 2)
- 3 Rear brackets, left and right
- 4 Gear racks, left and right

Recommended for cabinets 900 to 1200 (35" to 47") wide

Drawer length	Part no.
500 (20")	ZST.500BA
550 (22")	ZST.550BA

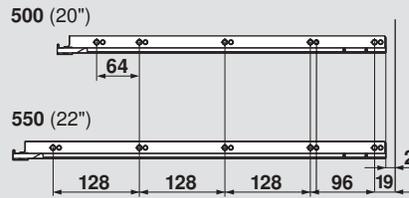
Linkage rod specifications

- Length = Inside cabinet width minus 86 (3-3/8")
- Maximum inside cabinet width 1162 (45-3/4")

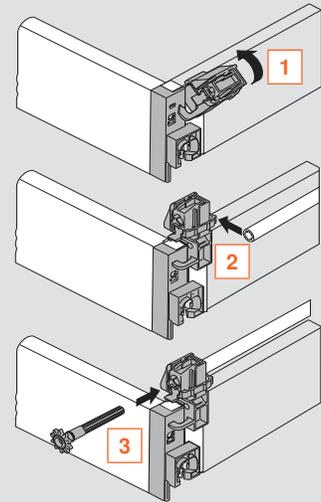


X = Inside cabinet width minus 86 (3-3/8")

Installation

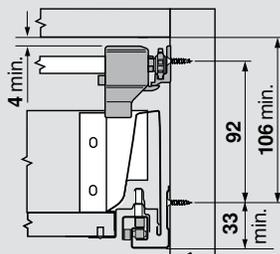


Assembly

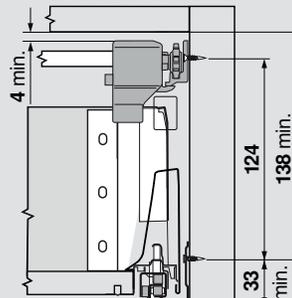


Space requirements

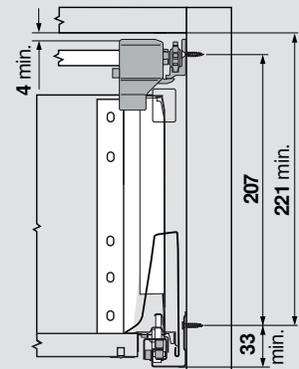
M Height rear view drawer



B Height rear view drawer



D Height rear view drawer



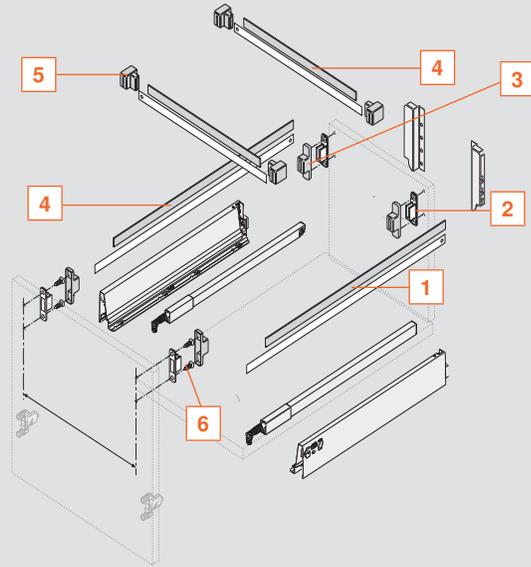
TANDEMBOX



Accessories

METAFILE set

Set makes one standard hanging file. Recommended use in combination with B height drawer.



Set includes:

- 1 Steel hanging rails (qty 4) – 3 x 13 x 550 (1/8" x 1/2" x 21-5/8")
- 2 Rail support brackets (qty 4)
- 3 Rail support covers (qty 4)
- 4 Glide profiles (qty 4) – length 550 (21-5/8")
- 5 Lateral brackets (qty 4)
- 6 Flathead wood screws (qty 8) – #6 x 19 (3/4")

Part no.

METAFILE set	ZRM.5500
Replacement parts	
Rail support covers	ZRM.0003
Glide profiles	ZRM.550G
Installation wood screw	6064N

Cutting dimensions for wood parts

Drawer bottom

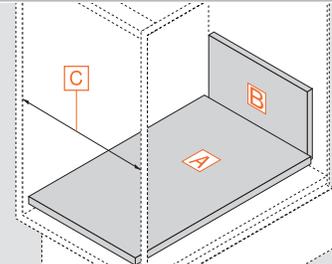
A Width = Inside cabinet width minus 75 (2-15/16") Length = Actual runner length minus 24 (15/16")

Drawer back

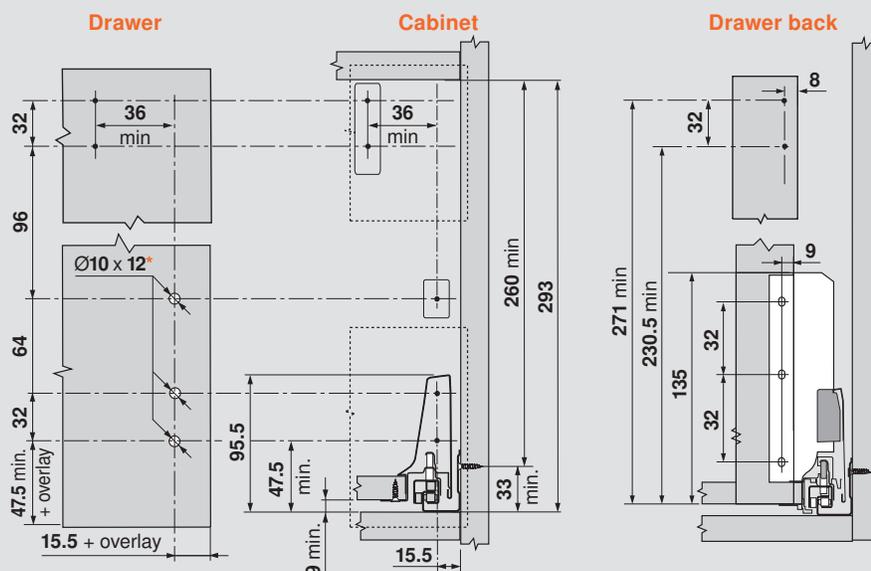
B Width = Inside cabinet width minus 87 (3-7/16") Height = 271 (10-11/16") minimum

C Minimum opening dimensions:

- Letter = 413 (16-1/4")
- Legal = 489 (19-1/4")



Installation

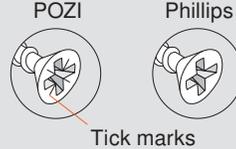


*INSERTA only

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.

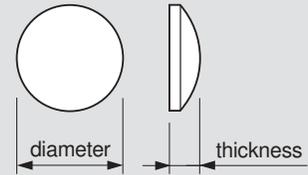


Part no.

#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

Bumpers

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



Part no.

Ø7 (1/4") x 2 (1/16")	FX4041
Ø10 (3/8") x 3 (1/8")	SJ5312

Deep thread system screw



- Pilot bore Ø5 (3/16") hole

Part no.

#7 x 13 mm, #2 POZI	661.1300.HG
#7 x 14.5 mm, #2 POZI	661.1450.HG

Ø10 Drill bit



- 10 drill bit for the MINIPRESS/ MINIDRILL and boring heads

Part no.

Drill bit (right hand)	M01.ZB10.02
Drill bit (left hand)	M01.ZB10.03

Deep thread wood screw



Part no.

#6 x 5/8", #2 Phillips	606N
#6 x 5/8", #2 POZI	606P
#7 x 5/8", #2 Phillips	707N
#7 x 3/4", #2 Phillips	7074N

Ø5 Drill bit



- Ø5 drill bit for the MINIPRESS/ MINIDRILL and boring heads

Part no.

Drill bit (right hand)	M01.ZB05.D2
Drill bit (left hand)	M01.ZB05.D3

Truss head wood screw



- Pilot bore Ø2 (3/32") hole

Part no.

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

VPB-5 VIX bit



- For pre-drilling a 3 pilot hole

Part no.

VIX bit	VPB-5
---------	--------------

TANDEMBOX



ORGA-LINE



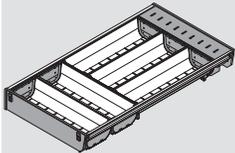
Blum's Ideas for Functional Kitchens

Design doesn't have to stop with the kitchen layout. This adjustable organization solution for TANDEMBOX can be customized to fit individual needs. Whether in the kitchen, office or bathroom, for top drawers and deep drawers alike, there's a place for everything. The removable trays are made of high-quality nylon and stainless steel, and are dishwasher safe up to 170°F. You can be sure they will last the lifetime of your kitchen.

To calculate inside drawer width available: ICW - 84 (3-5/16")

blum.com/ideas

Flatware

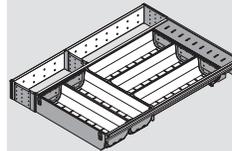


- Width 280 (11")
- Height 64 (2-1/2")

Part no.

500 (20") drawer length	ZSI.500BI3A
550 (22") drawer length	ZSI.550BI3A

Flatware

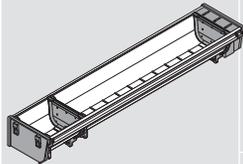


- Width 377 (14-13/16")
- Height 64 (2-1/2")

Part no.

500 (20") drawer length	ZSI.500KI4A
550 (22") drawer length	ZSI.550KI4A

Odds and ends

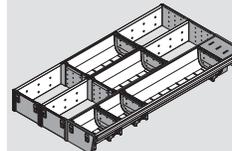


- Width 103 (4-1/16")
- Height 64 (2-1/2")

Part no.

500 (20") drawer length	ZSI.500BI1N
550 (22") drawer length	ZSI.550BI1N

Odds and ends

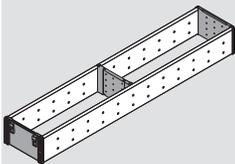


- Width 297 (11-11/16")
- Height 64 (2-1/2")

Part no.

500 (20") drawer length	ZSI.500MI3
550 (22") drawer length	ZSI.550MI3

Utensils

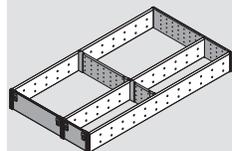


- Width 105 (4-1/8")
- Height 64 (2-1/2")

Part no.

500 (20") drawer length	ZSI.500FI1
550 (22") drawer length	ZSI.550FI1

Utensils

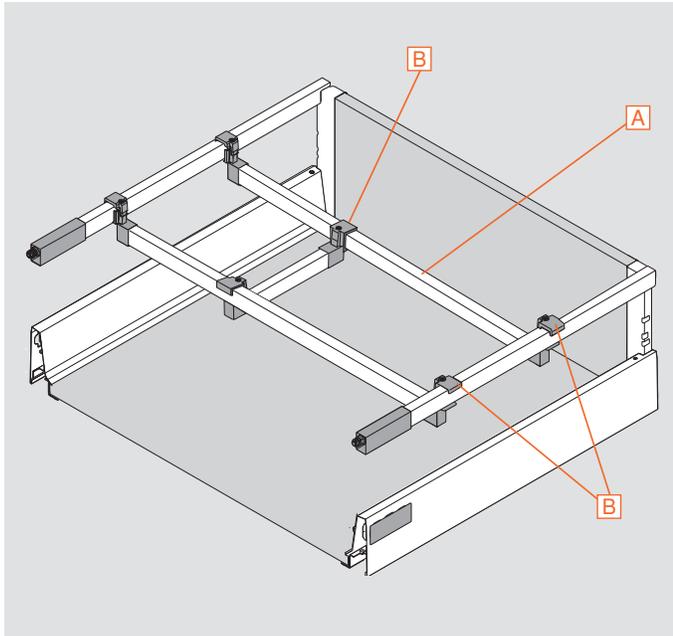


- Width 291 (11-7/16")
- Height 64 (2-1/2")

Part no.

500 (20") drawer length	ZSI.500FI3
550 (22") drawer length	ZSI.550FI3

B or D Height TANDEMBOX with Gallery Rails



A Cross gallery rail divider

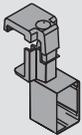
- Length **1118** (44-1/32")
- Opening width minus **63** (2-1/2")
- Available in brush nickel or gray



Part no.
Cross gallery rail divider **ZRG.1118Q**

B Cross gallery rail connector

- Two required
- Available in light gray or dust gray



Part no.
Cross gallery rail connector **ZRU.01E0**

Accessories

ORGA-LINE Knife holder

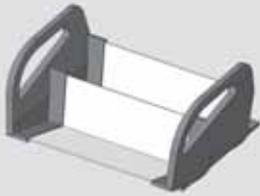
- Length **280** (11")
- Width **180** (7-1/8")
- Holds up to nine knives of different sizes
- High quality nylon and stainless steel
- Dishwasher safe up to 170°F
- Handle supports (qty 4)



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.38G01**

Plate holder

- Adjustable width **186** to **322** (7-5/16" to 12-11/16")
- 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**

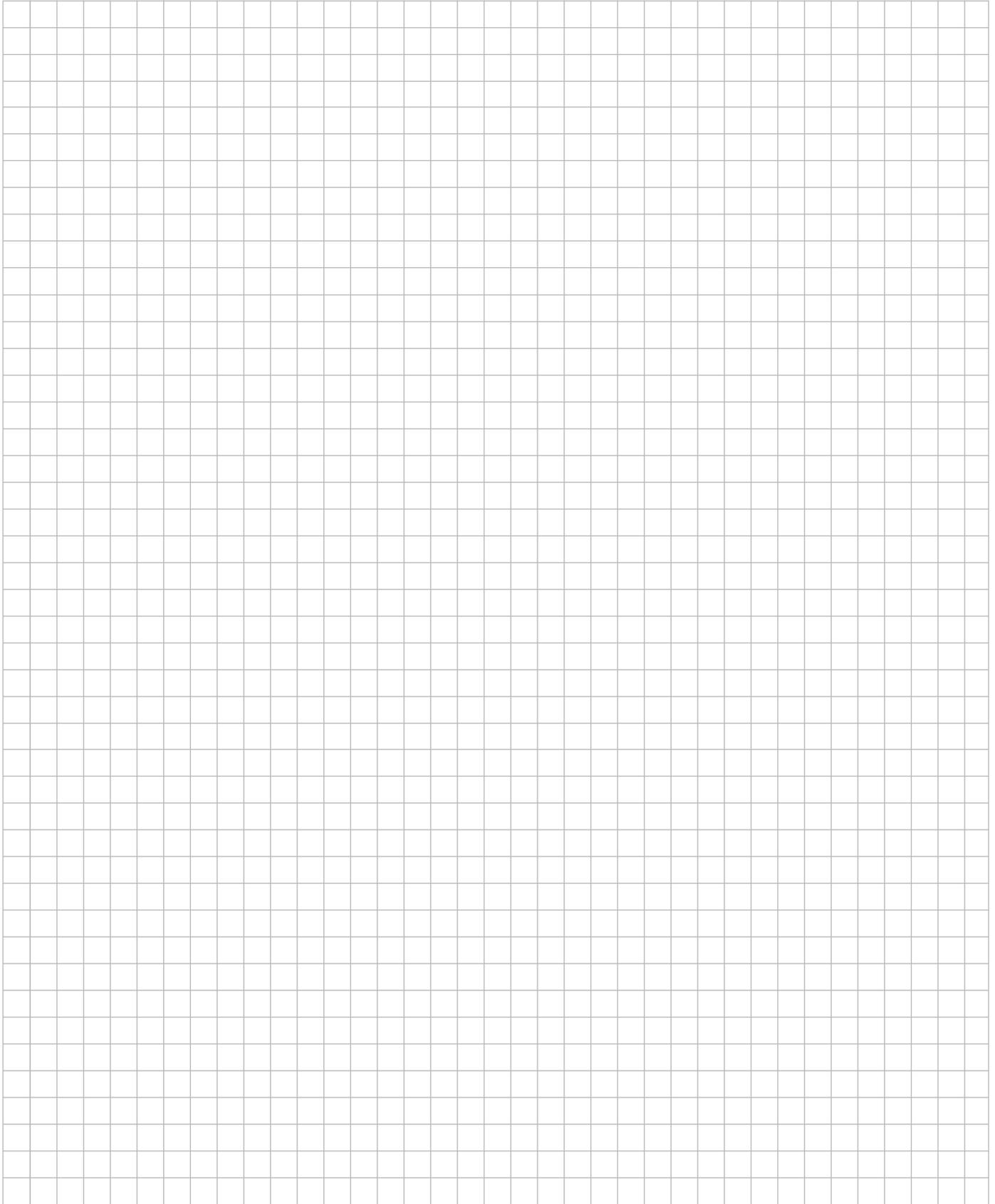
TANDEMBOX

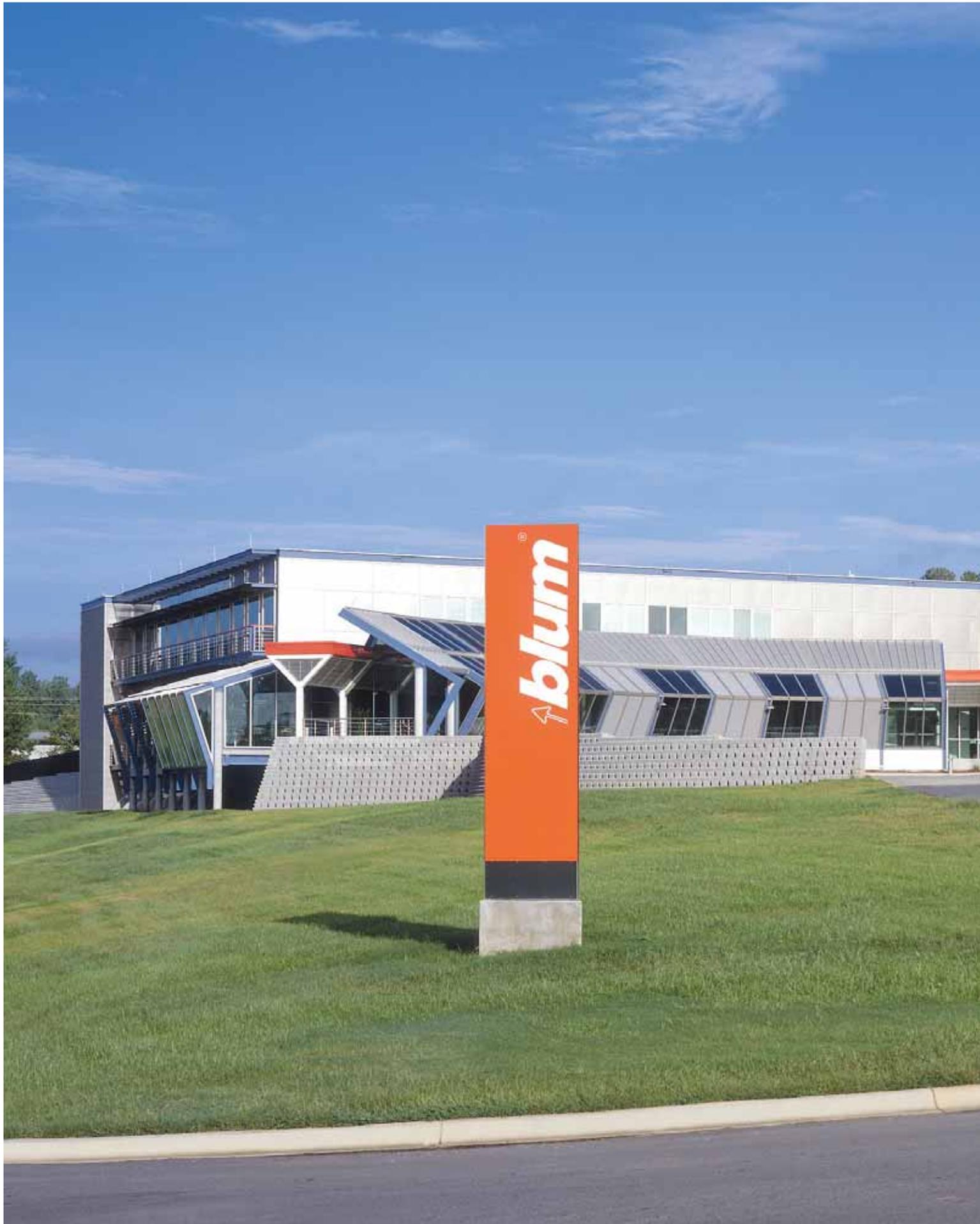


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