

METABOX



# METABOX

The versatile metal drawer system

 **newenglandcaseworks®**  
commercial casework & millwork solutions

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

Perfecting motion  **blum®**



## Efficient storage in contemporary styling

With METABOX, Blum offers an economical steel drawer for different application options in the kitchen, bathroom and office.



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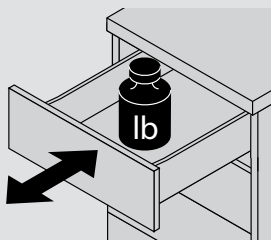


## Testing standards

Blum, Inc. is ISO 9001 certified which means that you are 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.

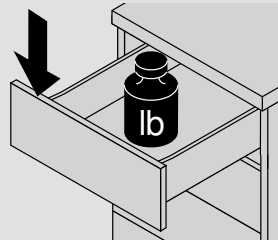
All Blum runners meet or exceed ANSI/BHMA 156.9 grade 1 requirements. Contact your local Blum representative for more details.

### Dynamic wear test



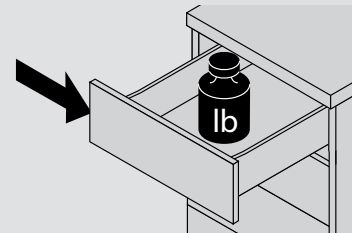
100,000 open/close cycles with a total load of 75 lb on a 550 mm drawer.

### 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, 33 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.

### 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.

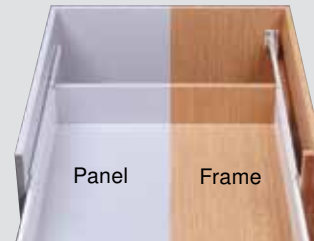
# General specifications

## Cabinet types and capacity

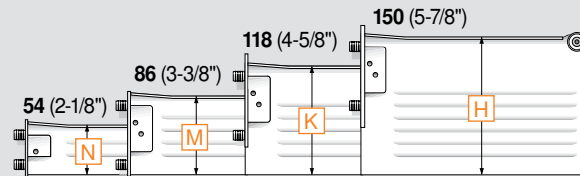
The METABOX drawer system can be installed in either panel or face frame constructed cabinets with optional rear mounting sockets.

METABOX drawers have a static load capacity of 100 lb and a dynamic capacity of 75 lb and are tested to perform 100,000 open/close cycles without failure.

METABOX drawers install in all cabinets

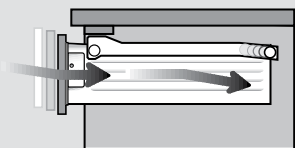


## Available heights

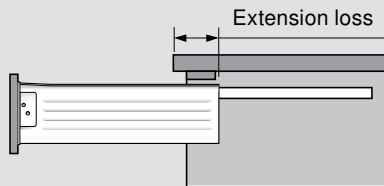


METABOX is available in white in four drawer heights, offering a multitude of design options.

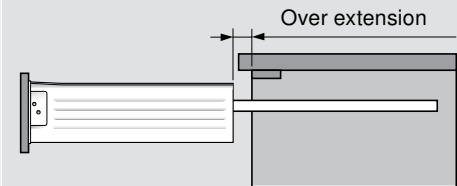
## Opening and closing information



BLUMATIC self-closing action results from the angled drawer and cabinet profiles.



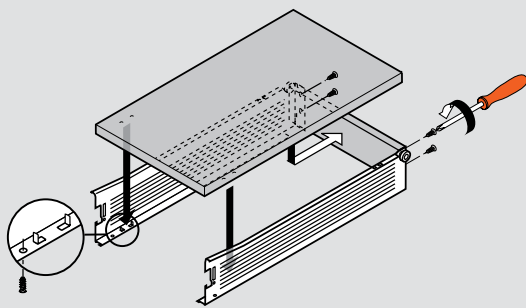
320 series 3/4 extension drawers have an extension loss when fully opened.



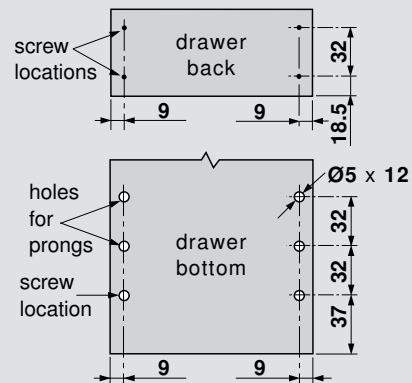
330 series full extension drawers have an over extension of 18 (3/4) when fully opened.

## Drawer back and bottom preparation

### METABOX "C15" version



METABOX "C15" drawers can be assembled with the aid of the Universal boring template (page 37).

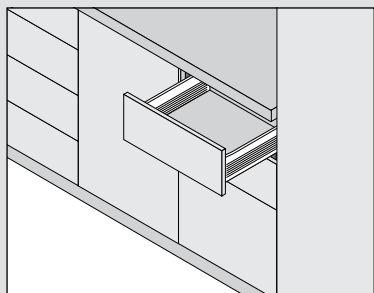


Boring for C15 drawer back and bottom (for 13 (1/2) material, holes are 10 (3/8) deep)

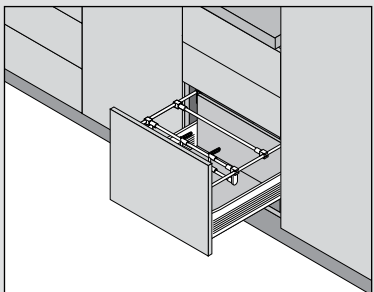


### Drawer configurations

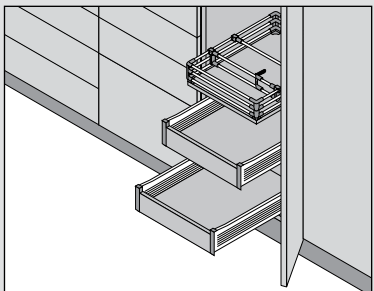
#### Standard drawer



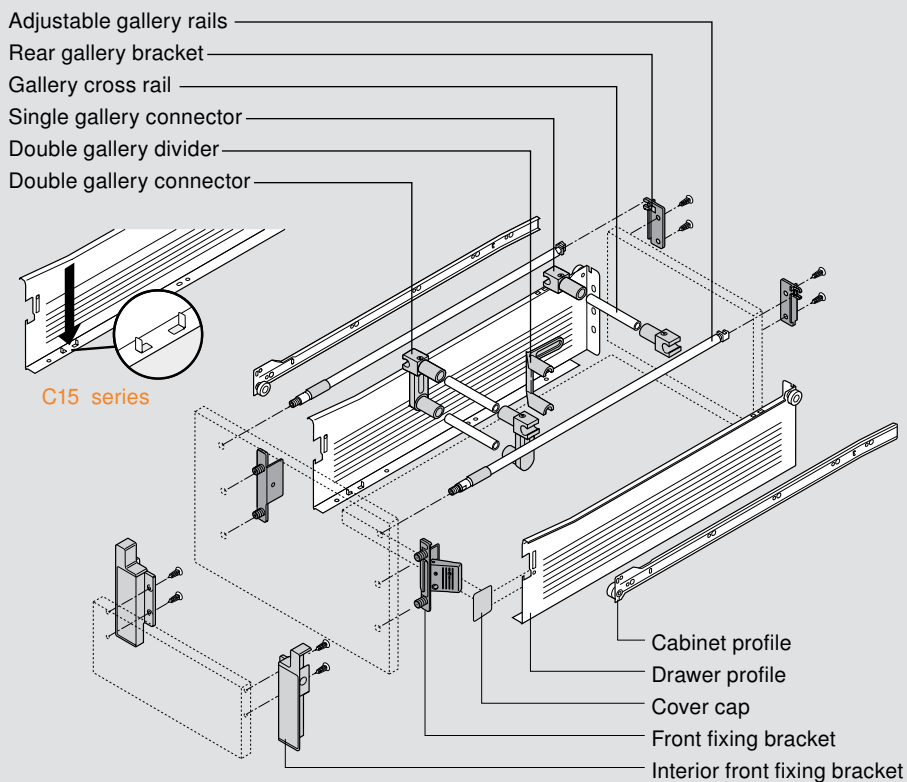
#### Standard drawer with gallery organization



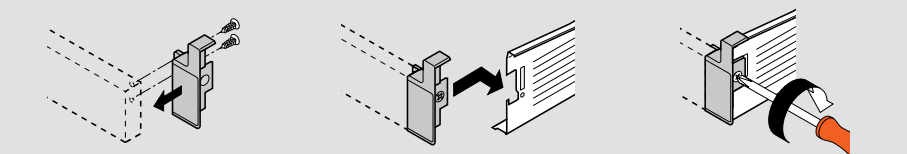
#### Pull-out surround shelf (top) Interior roll-out trays (bottom)



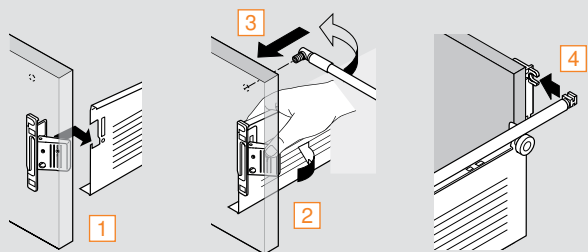
### Components and accessories



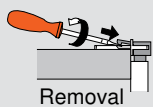
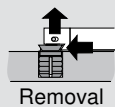
### Interior drawer front assembly



### Drawer front assembly

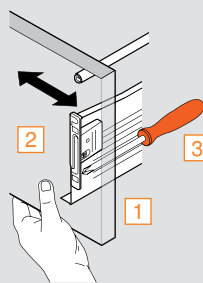


- 1 Insert front bracket
- 2 Snap closed
- 3 Insert gallery
- 4 Snap gallery back



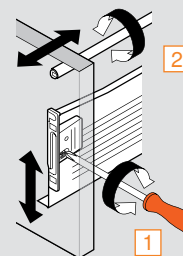
### Drawer front adjustment

#### Side adjustment



- 1 Loosen fixing screws
- 2 Adjust front
- 3 Tighten screws

#### Height and tilt adjustment

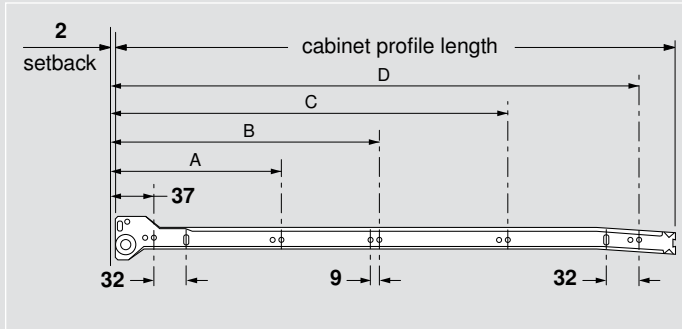
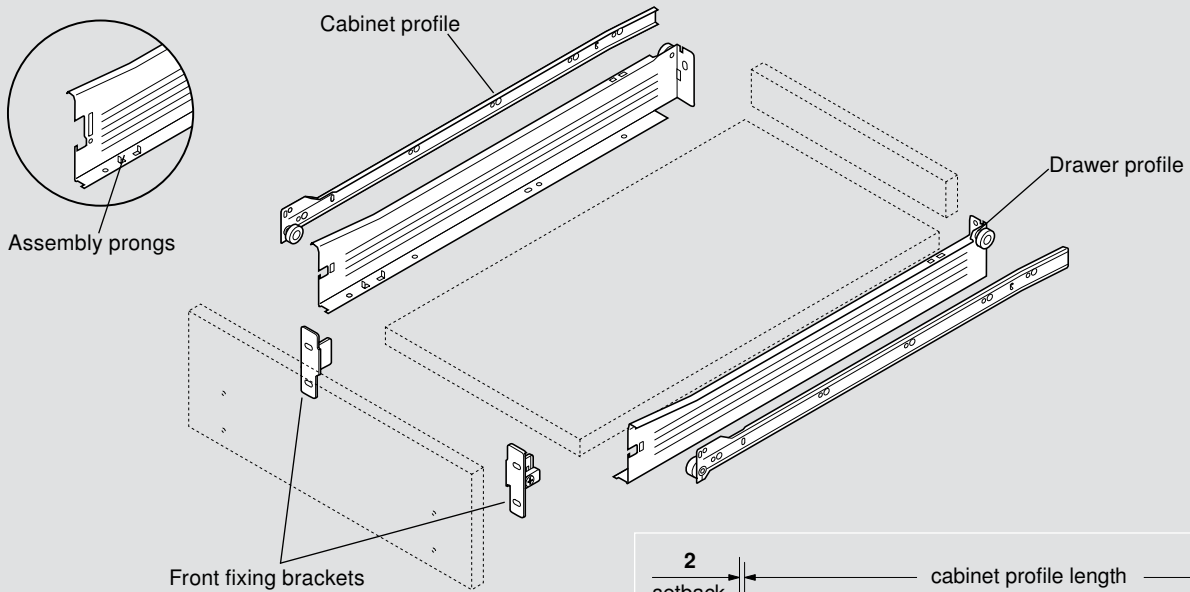


- 1 Adjust height cam
- 2 Turn rail to adjust tilt

# 320N drawer series

## Components

### C15 series

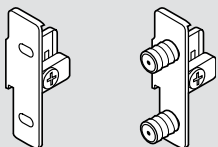


see page 30

### Runner sets (includes cabinet and drawer profiles)

C15 series white	Nominal Length	Min. inside cabinet depth	Nominal length	System screw mounting hole positions			
				A	B	C	D
320N5500C15	22"	557 (21-7/8")	550 (21-5/8")	165	261	389	517
320N5000C15	20"	507 (19-15/16")	500 (19-11/16")	165	261	389	453
320N4500C15	18"	457 (17-15/16")	450 (17-11/16")	165	261	389	—
320N4000C15	16"	407 (16")	400 (15-3/4")	165	261	357	—
320N3500C15	14"	357 (14")	350 (13-3/4")	165	261	325	—

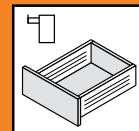
### Standard front fixing bracket



Nickel-plated steel

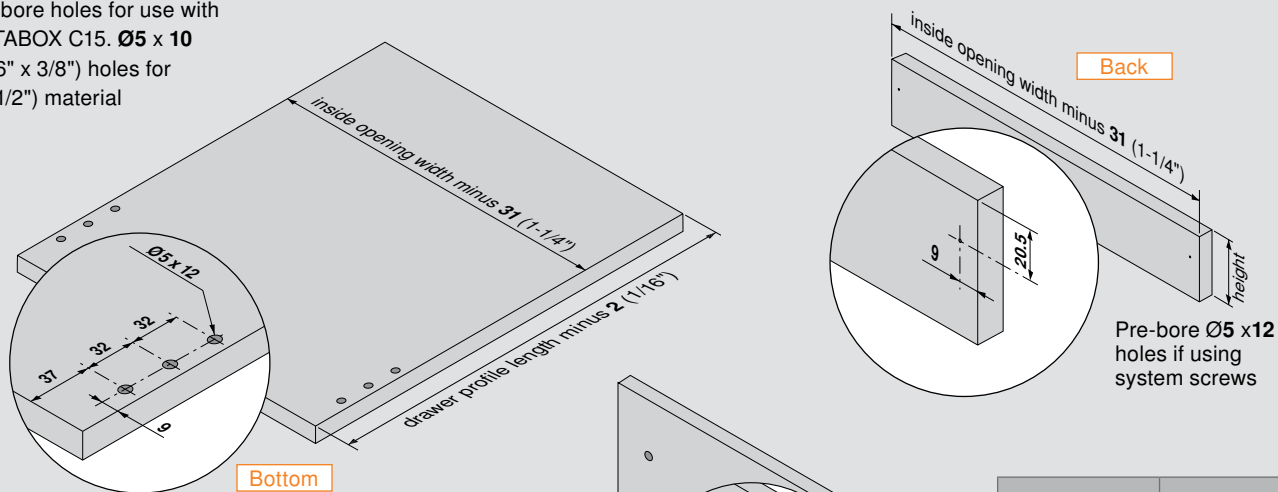
Part no.

Screw-on	Right	ZSF.1510.04
	Left	ZSF.1510.05
Press-in	Right	ZSF.1610.04
	Left	ZSF.1610.05

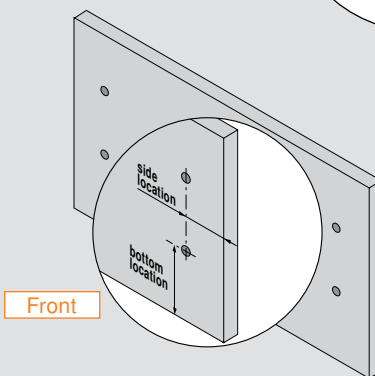


### Specifications

Pre-bore holes for use with METABOX C15.  $\text{Ø}5 \times 10$   
 (3/16" x 3/8") holes for  
 13 (1/2") material



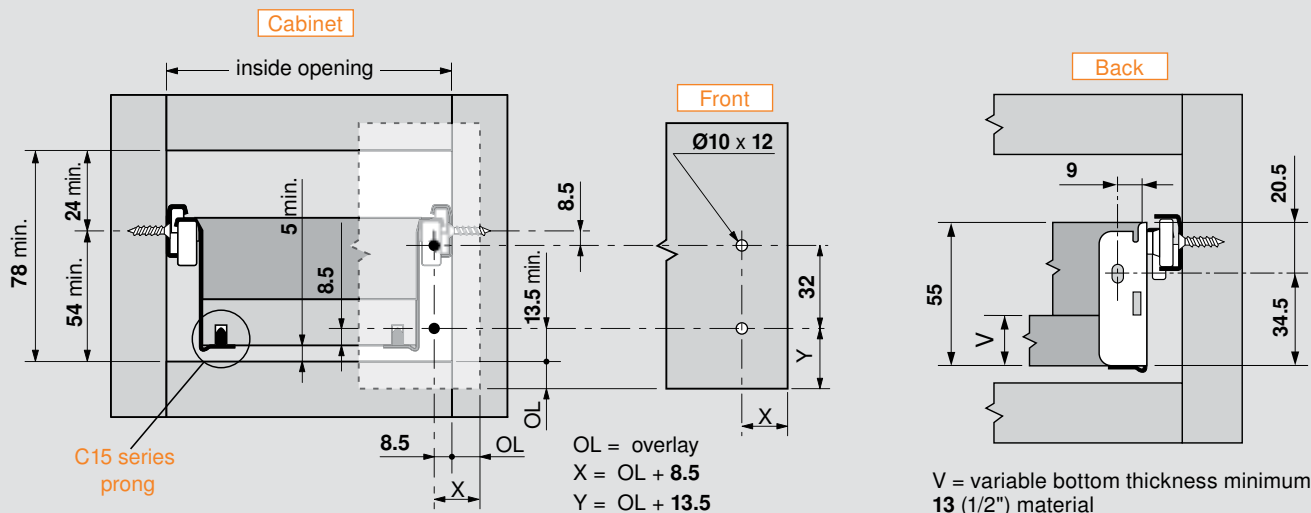
Nominal length	Bottom length
550 (21-5/8")	548 (21-9/16")
500 (19-11/16")	498 (19-5/8")
450 (17-11/16")	448 (17-5/8")
400 (15-3/4")	398 (15-11/16")
350 (13-3/4")	348 (13-11/16")
270 (10-5/8")	268 (10-9/16")



Drawer bottom thickness	Back height
13 (1/2")	42 (1-5/8")
16 (5/8")	39 (1-9/16")
19 (3/4")	36 (1-7/16")

Bore  $\text{Ø}10 \times 12$  ( $\text{Ø}3/8" \times 1/2"$ ) hole for front fixing brackets with dowels  
 (Determine locations from specifications below, or see page 42 for pre-determined overlays)

### Installation specifications



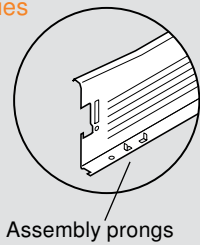
Rear bracket for frame cabinet applications  
 For gallery rail and BOXSIDE specifications  
 For interior drawer specifications

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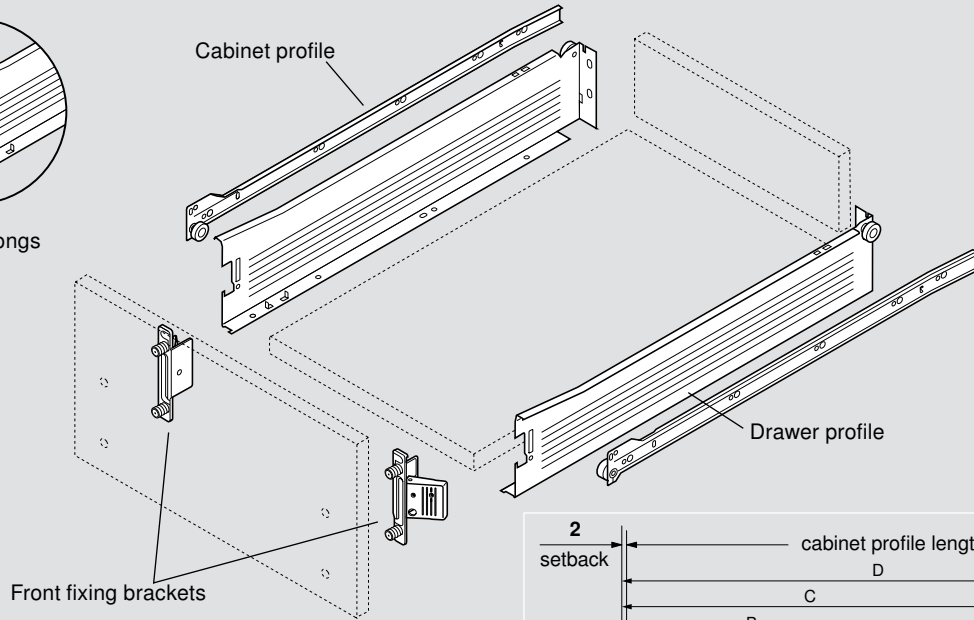
# 320M drawer series

## Components

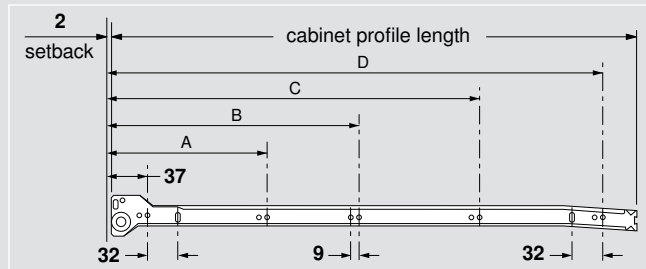
### C15 series



Assembly prongs



see page 30



### Runner sets (includes cabinet and drawer profiles)

C15 series white	Nominal Length	Min. inside cabinet depth	Nominal length	System screw mounting hole positions			
				A	B	C	D
320M5500C15	22"	557 (21-7/8")	550 (21-5/8")	165	261	389	517
320M5000C15	20"	507 (19-15/16")	500 (19-11/16")	165	261	389	453
320M4500C15	18"	457 (17-15/16")	450 (17-11/16")	165	261	389	—
320M4000C15	16"	407 (16")	400 (15-3/4")	165	261	357	—
320M3500C15	14"	357 (14")	350 (13-3/4")	165	261	325	—
320M2700C15	11"	277 (10-7/8")	270 (10-5/8")	229	—	—	—

### Standard front fixing bracket

	Nickel-plated steel		Part no.
		Right	
		Left	ZSF.1700 L
		Right	ZSF.1800 R
		Left	ZSF.1800 L

### CLIP front fixing bracket

	Nickel-plated steel		Right	ZSF.1200 R
			Left	ZSF.1200 L
			Right	ZSF.1300 R
			Left	ZSF.1300 L
		EXPANDO	Right	ZSF.130E R
			Left	ZSF.130E L

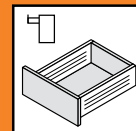
### Standard cover cap

Nylon white		<b>NOTE:</b> Blum logo cover caps available
		ZAA.3500

### CLIP cover cap

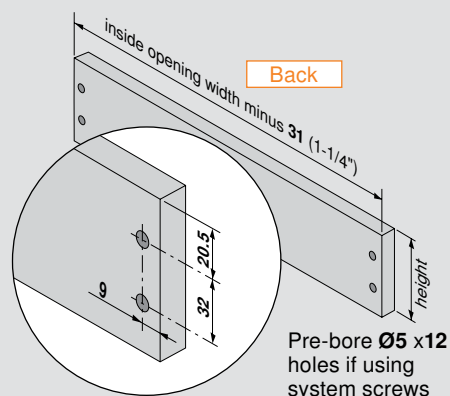
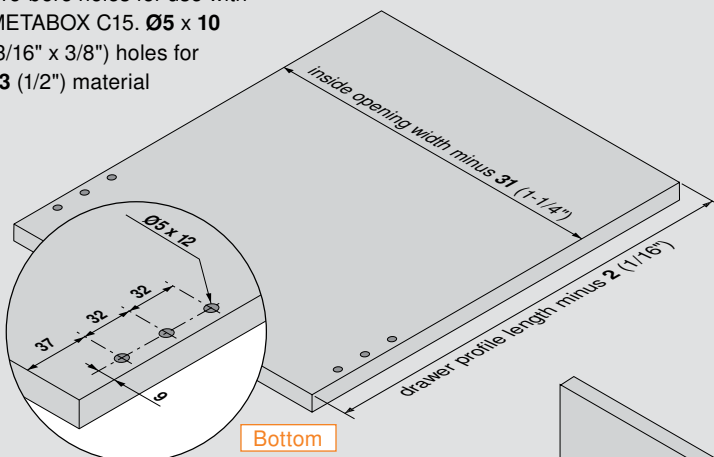
Nylon white		<b>NOTE:</b> Blum logo cover caps available
		ZAA.3700





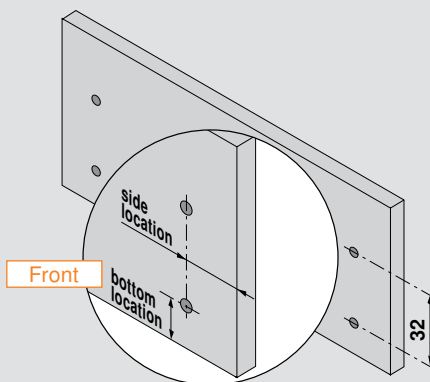
### Specifications

Pre-bore holes for use with METABOX C15.  $\text{Ø}5 \times 10$   
 (3/16" x 3/8") holes for  
 13 (1/2") material



Pre-bore  $\text{Ø}5 \times 12$  holes if using system screws

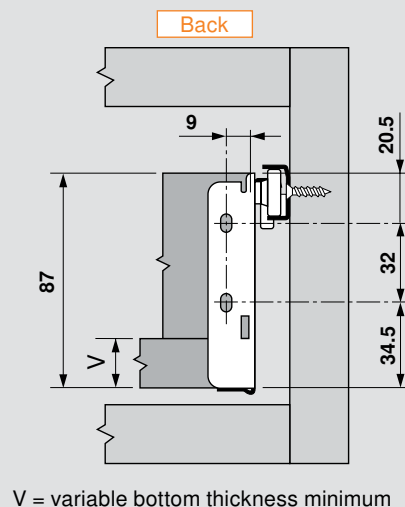
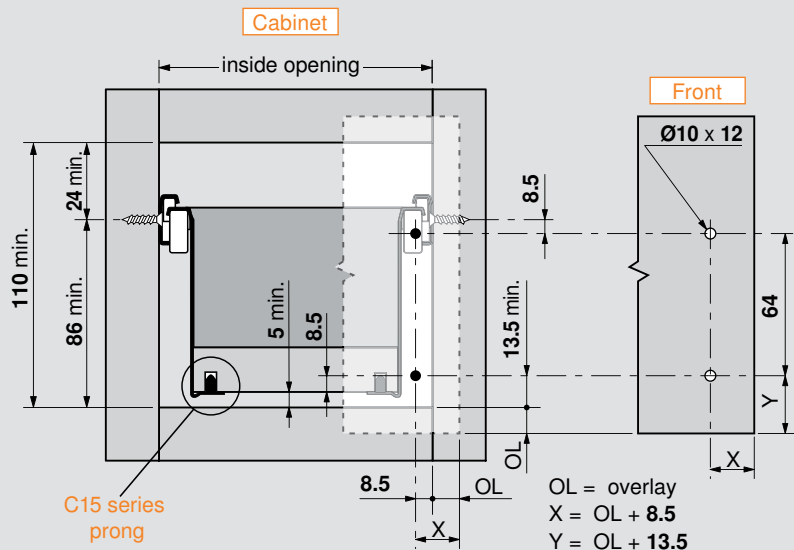
Nominal length	Bottom length
550 (21-5/8")	548 (21-9/16")
500 (19-11/16")	498 (19-5/8")
450 (17-11/16")	448 (17-5/8")
400 (15-3/4")	398 (15-11/16")
350 (13-3/4")	348 (13-11/16")
270 (10-5/8")	268 (10-9/16")



Material thickness	Back height
13 (1/2")	74 (2-15/16")
16 (5/8")	71 (2-13/16")
19 (3/4")	68 (2-11/16")

Bore  $\text{Ø}10 \times 12$  ( $\text{Ø}3/8" \times 1/2"$ ) hole for front fixing brackets with dowels  
 (Determine locations from specifications below, or see page 42 for pre-determined overlays)

### Installation specifications



V = variable bottom thickness minimum

OL = overlay  
 X = OL + 8.5  
 Y = OL + 13.5

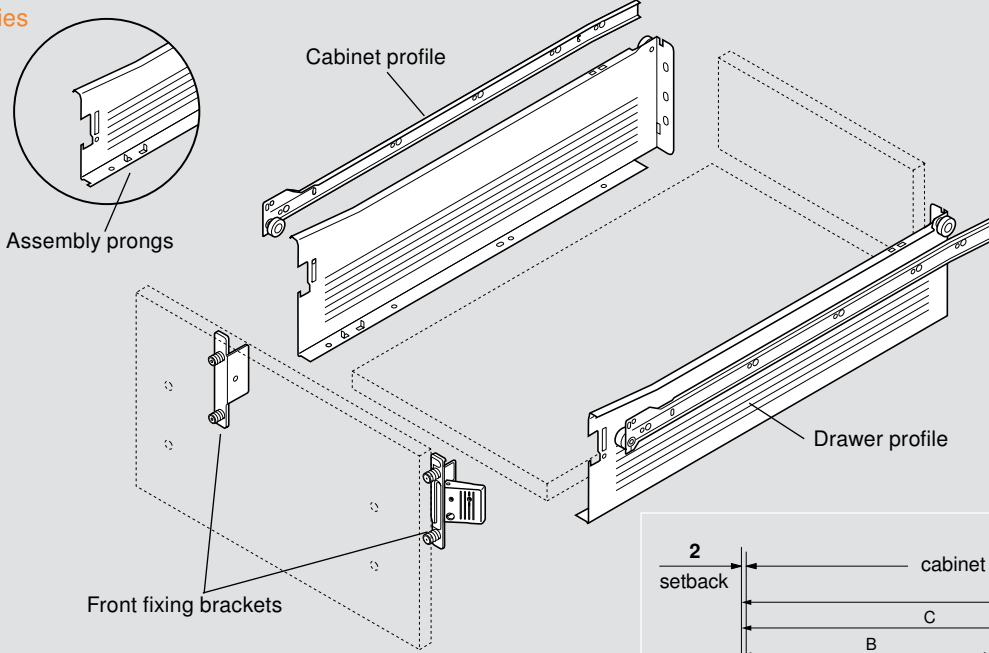
- Rear bracket for frame cabinet applications
- For gallery rail and BOXSIDE specifications
- For interior drawer specifications

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# 320K drawer series

## Components

### C15 series



see page 30

### Runner sets (includes cabinet and drawer profiles)

C15 series white	Nominal Length	Min. inside cabinet depth	Nominal length	System screw mounting hole positions			
				A	B	C	D
<b>320K5500C15</b>	22"	<b>557</b> (21-7/8")	<b>550</b> (21-5/8")	<b>165</b>	<b>261</b>	<b>389</b>	<b>517</b>
<b>320K5000C15</b>	20"	<b>507</b> (19-15/16")	<b>500</b> (19-11/16")	<b>165</b>	<b>261</b>	<b>389</b>	<b>453</b>
<b>320K4500C15</b>	18"	<b>457</b> (17-15/16")	<b>450</b> (17-11/16")	<b>165</b>	<b>261</b>	<b>389</b>	—
<b>320K4000C15</b>	16"	<b>407</b> (16")	<b>400</b> (15-3/4")	<b>165</b>	<b>261</b>	<b>357</b>	—
<b>320K3500C15</b>	14"	<b>357</b> (14")	<b>350</b> (13-3/4")	<b>165</b>	<b>261</b>	—	—

### Standard front fixing bracket

	Nickel-plated steel		Part no.
		Right	
		Left	<b>ZSF.1700 L</b>
		Right	<b>ZSF.1800 R</b>
		Left	<b>ZSF.1800 L</b>

### CLIP front fixing bracket

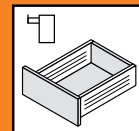
	Nickel-plated steel	 Screw-on	Right	<b>ZSF.1200 R</b>
			Left	<b>ZSF.1200 L</b>
		 Press-in	Right	<b>ZSF.1300 R</b>
			Left	<b>ZSF.1300 L</b>
		EXPANDO	Right	<b>ZSF.130E R</b>
			Left	<b>ZSF.130E L</b>

### Standard cover cap

Nylon white		<b>NOTE:</b> Blum logo cover caps available
		<b>ZAA.3500</b>

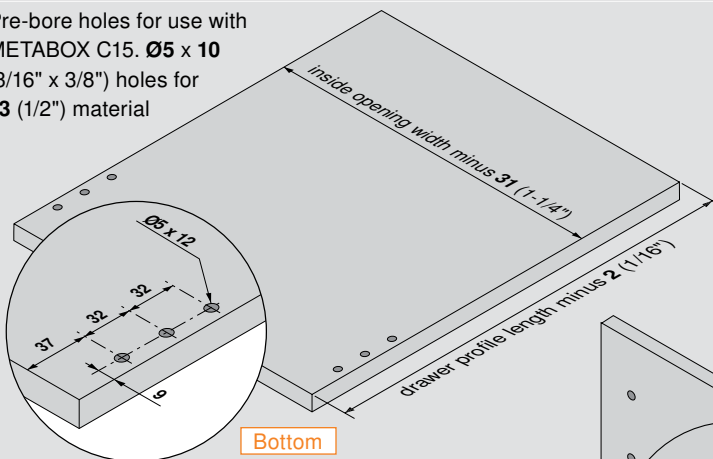
### CLIP cover cap

Nylon white		<b>NOTE:</b> Blum logo cover caps available
		<b>ZAA.3700</b>



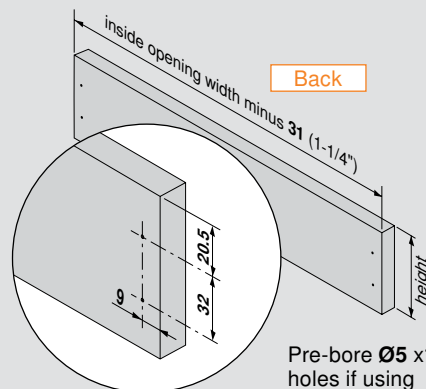
### Specifications

Pre-bore holes for use with METABOX C15.  $\text{Ø}5 \times 10$   
 (3/16" x 3/8") holes for  
 13 (1/2") material



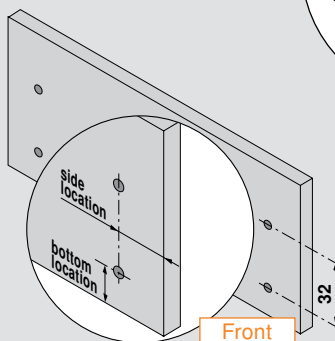
Bottom

Nominal length	Bottom length
550 (21-5/8")	548 (21-9/16")
500 (19-11/16")	498 (19-5/8")
450 (17-11/16")	448 (17-5/8")
400 (15-3/4")	398 (15-11/16")
350 (13-3/4")	348 (13-11/16")



Back

Pre-bore  $\text{Ø}5 \times 12$   
 holes if using  
 system screws

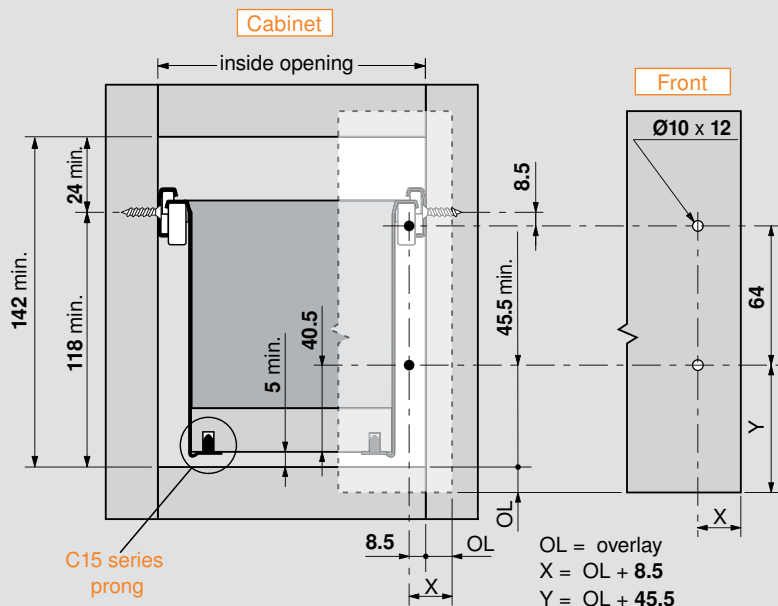


Front

Material thickness	Back height
13 (1/2")	106 (4-3/16")
16 (5/8")	103 (4-1/16")
19 (3/4")	100 (3-15/16")

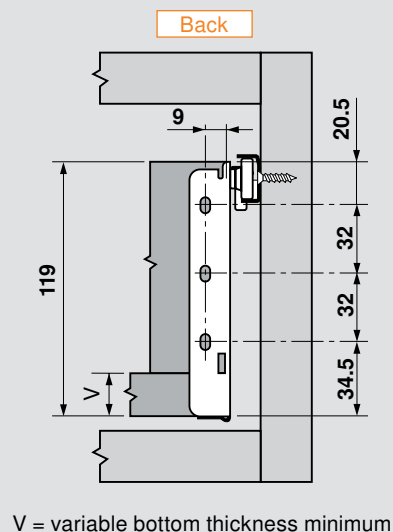
Bore  $\text{Ø}10 \times 12$  ( $\text{Ø}3/8" \times 1/2"$ ) hole for front fixing brackets with dowels  
 (Determine locations from specifications below, or see page 42 for pre-determined overlays)

### Installation specifications



Cabinet

Front



Back

V = variable bottom thickness minimum

OL = overlay  
 X = OL + 8.5  
 Y = OL + 45.5

Rear bracket for frame cabinet applications

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For gallery rail and BOXSIDE specifications

page 20

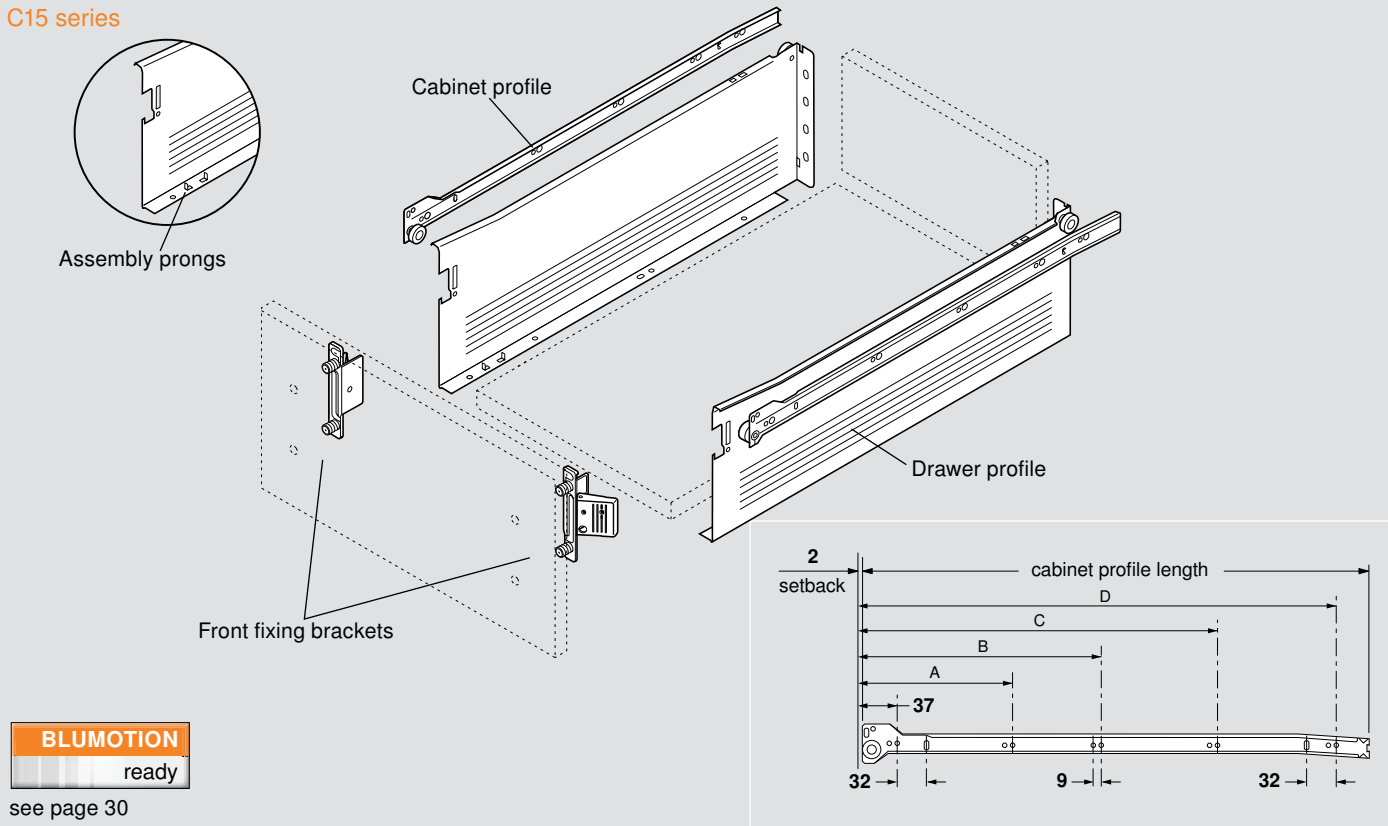
For interior drawer specifications

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# 320H drawer series

## Components

### C15 series



see page 30

### Runner sets (includes cabinet and drawer profiles)

C15 series white	Nominal Length	Min. inside cabinet depth	Nominal length	System screw mounting hole positions			
				A	B	C	D
320H5500C15	22"	557 (21-7/8")	550 (21-5/8")	165	261	389	517
320H5000C15	20"	507 (19-15/16")	500 (19-11/16")	165	261	389	453
320H4500C15	18"	457 (17-15/16")	450 (17-11/16")	165	261	389	—
320H4000C15	16"	407 (16")	400 (15-3/4")	165	261	357	—
320H3500C15	14"	357 (14")	350 (13-3/4")	165	261	325	—

### Standard front fixing bracket

	Nickel-plated steel		Part no.
		Right	
		Left	ZSF.1700 L
		Right	ZSF.1800 R
		Left	ZSF.1800 L

### CLIP front fixing bracket

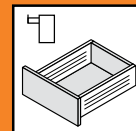
	Nickel-plated steel		Right	ZSF.1200 R
	Screw-on		Left	ZSF.1200 L
			Right	ZSF.1300 R
	Left		ZSF.1300 L	
	EXPANDO	Right	ZSF.130E R	
		Left	ZSF.130E L	

### Standard cover cap

Nylon white		<b>NOTE:</b> Blum logo cover caps available
		ZAA.3500

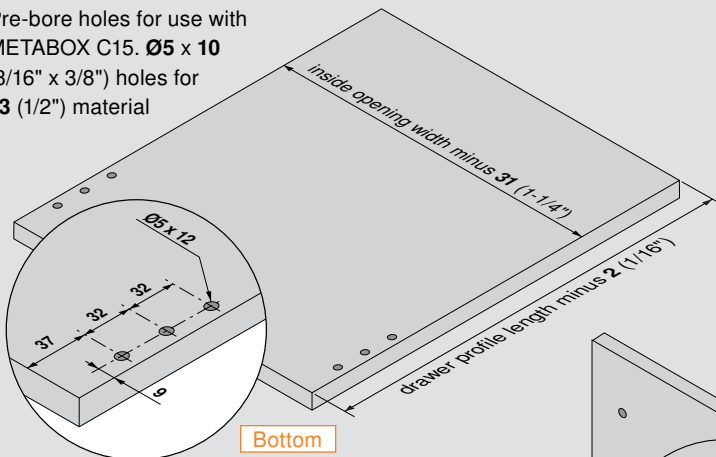
### CLIP cover cap

Nylon white		<b>NOTE:</b> Blum logo cover caps available
		ZAA.3700

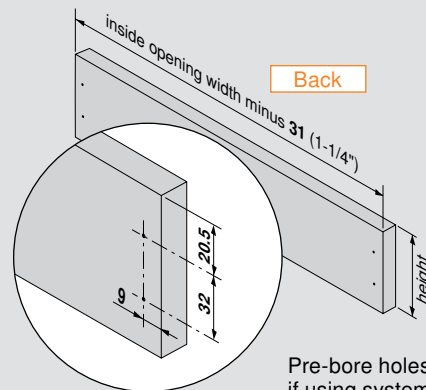


### Specifications

Pre-bore holes for use with METABOX C15.  $\text{Ø}5 \times 10$   
 (3/16" x 3/8") holes for  
 13 (1/2") material



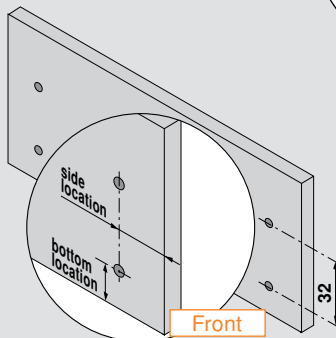
Bottom



Back

Pre-bore holes if using system screws

Nominal length	Bottom length
550 (21-5/8")	548 (21-9/16")
500 (19-11/16")	498 (19-5/8")
450 (17-11/16")	448 (17-5/8")
400 (15-3/4")	398 (15-11/16")
350 (13-3/4")	348 (13-11/16")

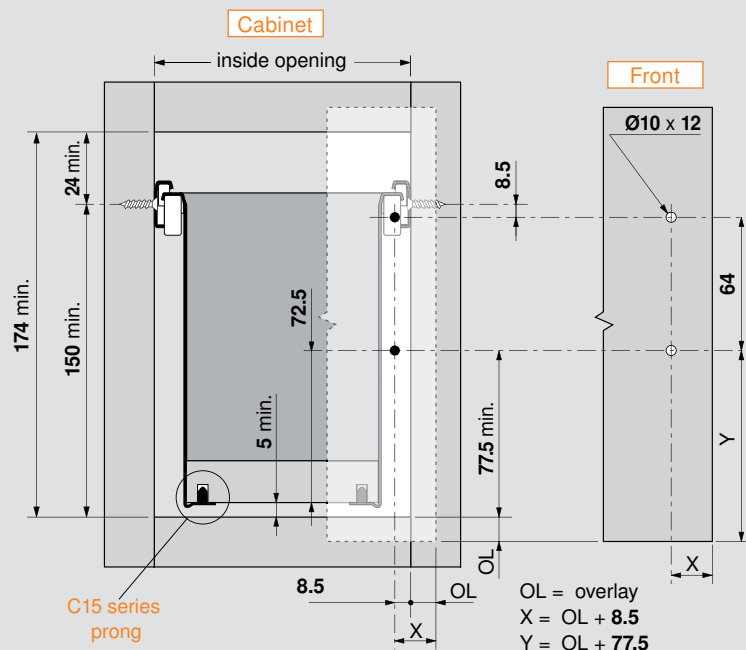


Front

Material thickness	Back height
13 (1/2")	138 (5-7/16")
16 (5/8")	135 (5-5/16")
19 (3/4")	132 (5-3/16")

Bore  $\text{Ø}10 \times 12$  ( $\text{Ø}3/8" \times 1/2"$ ) hole for front fixing brackets with dowels  
 (Determine locations from specifications below, or see page 42 for pre-determined overlays)

### Installation specifications

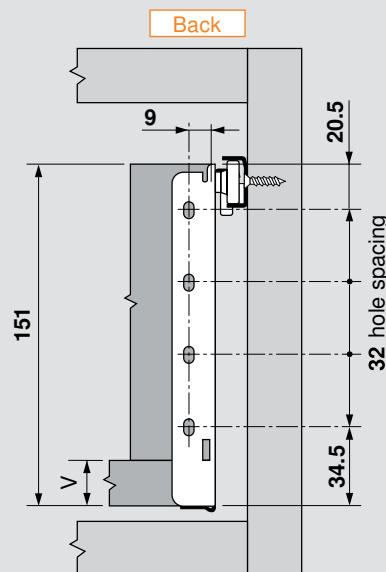


Cabinet

Front

C15 series prong

OL = overlay  
 X = OL + 8.5  
 Y = OL + 77.5



Back

V = variable bottom thickness minimum

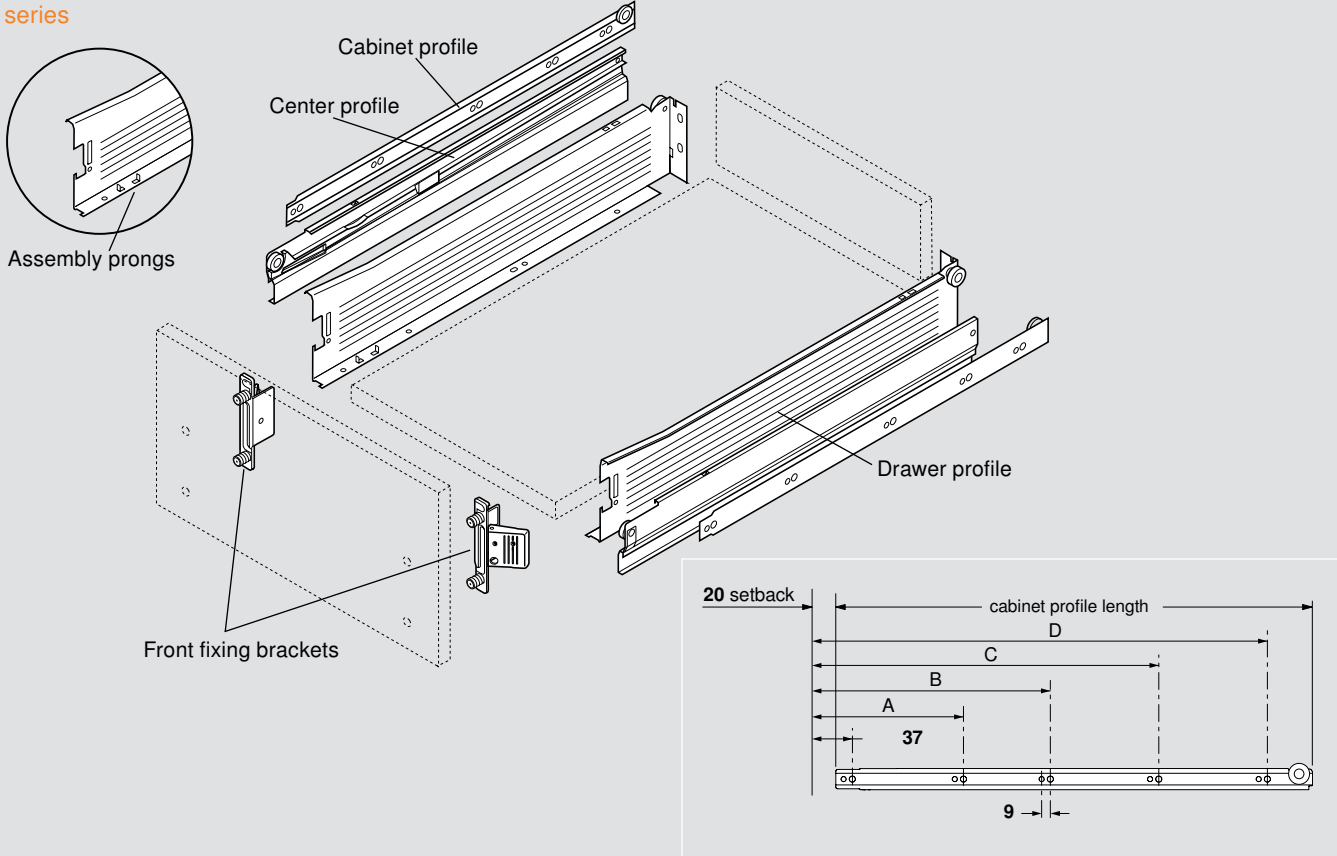
- Rear bracket for frame cabinet applications
- For gallery rail and BOXSIDE specifications
- For interior drawer specifications

page 36  
 page 20  
 page 24

# 330M drawer series

## Components

### C15 series



### Runner sets (includes cabinet and drawer profiles)

C15 series white	Nominal Length	Min. inside cabinet depth	Nominal length	System screw mounting hole positions			
				A	B	C	D
330M550PC15	22"	565 (22-1/4")	550 (21-5/8")	165	261	389	517
330M500PC15	20"	515 (20-1/4")	500 (19-11/16")	165	261	389	453
330M450PC15	18"	456 (18-5/16")	450 (17-11/16")	165	261	389	—
330M400PC15	16"	415 (16-5/16")	400 (15-3/4")	165	261	357	—

### Standard front fixing bracket

	Nickel-plated steel		Part no.	
		Right		ZSF.1700 R
		Left		ZSF.1700 L
		Right		ZSF.1800 R
Left		ZSF.1800 L		

### CLIP front fixing bracket

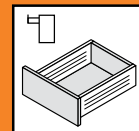
	Nickel-plated steel	 Screw-on	Right	ZSF.1200 R
			Left	ZSF.1200 L
		 Press-in	Right	ZSF.1300 R
			Left	ZSF.1300 L
		EXPANDO	Right	ZSF.130E R
			Left	ZSF.130E L

### Standard cover cap

Nylon white		<b>NOTE:</b> Blum logo cover caps available
		ZAA.3500

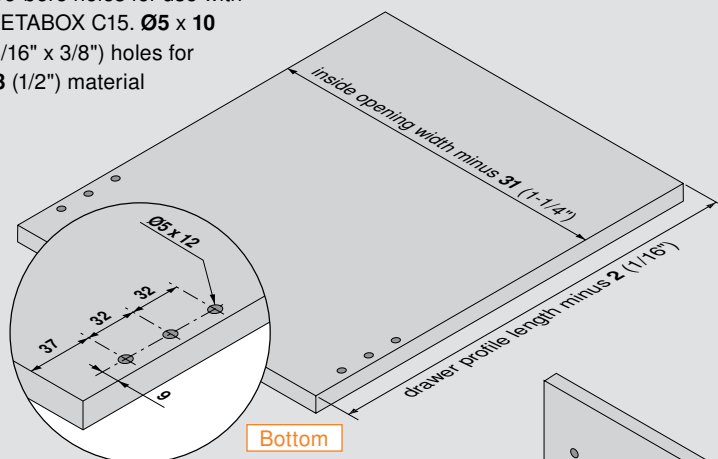
### CLIP cover cap

Nylon white		<b>NOTE:</b> Blum logo cover caps available
		ZAA.3700

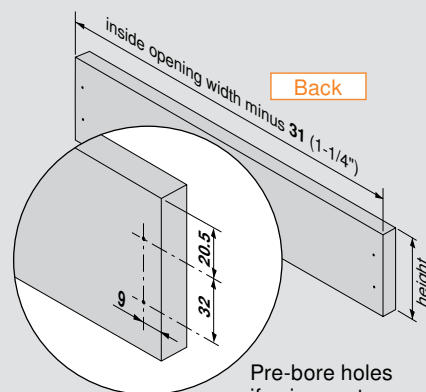


### Specifications

Pre-bore holes for use with METABOX C15.  $\text{Ø}5 \times 10$   
 (3/16" x 3/8") holes for  
 13 (1/2") material

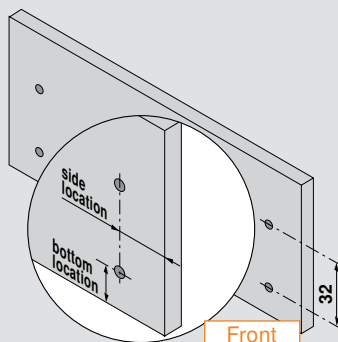


Bottom



Back

Pre-bore holes if using system screws



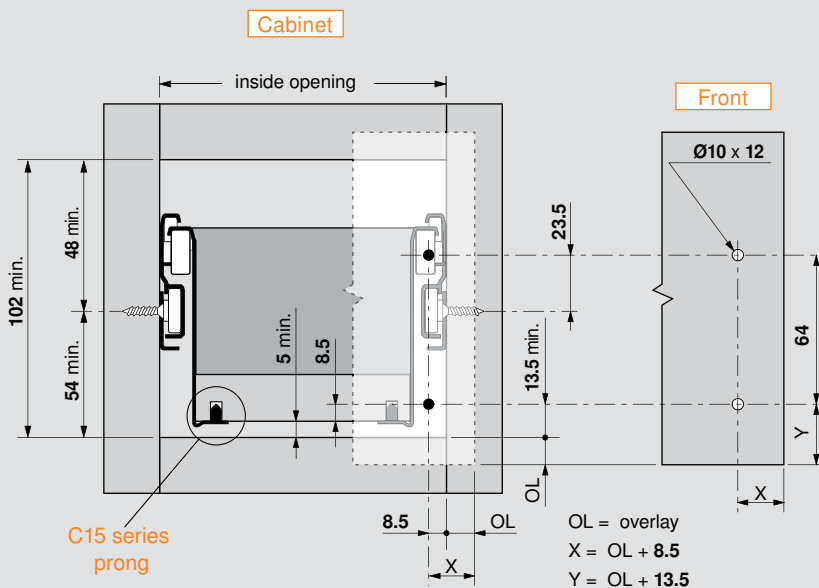
Front

Nominal length	Bottom length
550 (21-5/8")	548 (21-9/16")
500 (19-11/16")	498 (19-5/8")
450 (17-11/16")	448 (17-5/8")
400 (15-3/4")	398 (15-11/16")

Material thickness	Back height
13 (1/2")	74 (2-15/16")
16 (5/8")	71 (2-13/16")
19 (3/4")	68 (2-11/16")

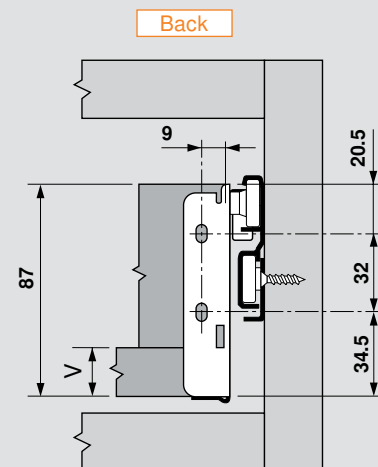
Bore  $\text{Ø}10 \times 12$  ( $\text{Ø}3/8" \times 1/2"$ ) hole for front fixing brackets with dowels  
 (Determine locations from specifications below, or see page 38 for pre-determined overlays)

### Installation specifications



Cabinet

Front



Back

V = variable bottom thickness minimum

OL = overlay  
 X = OL + 8.5  
 Y = OL + 13.5

For gallery rail and BOXSIDE specifications

page 20

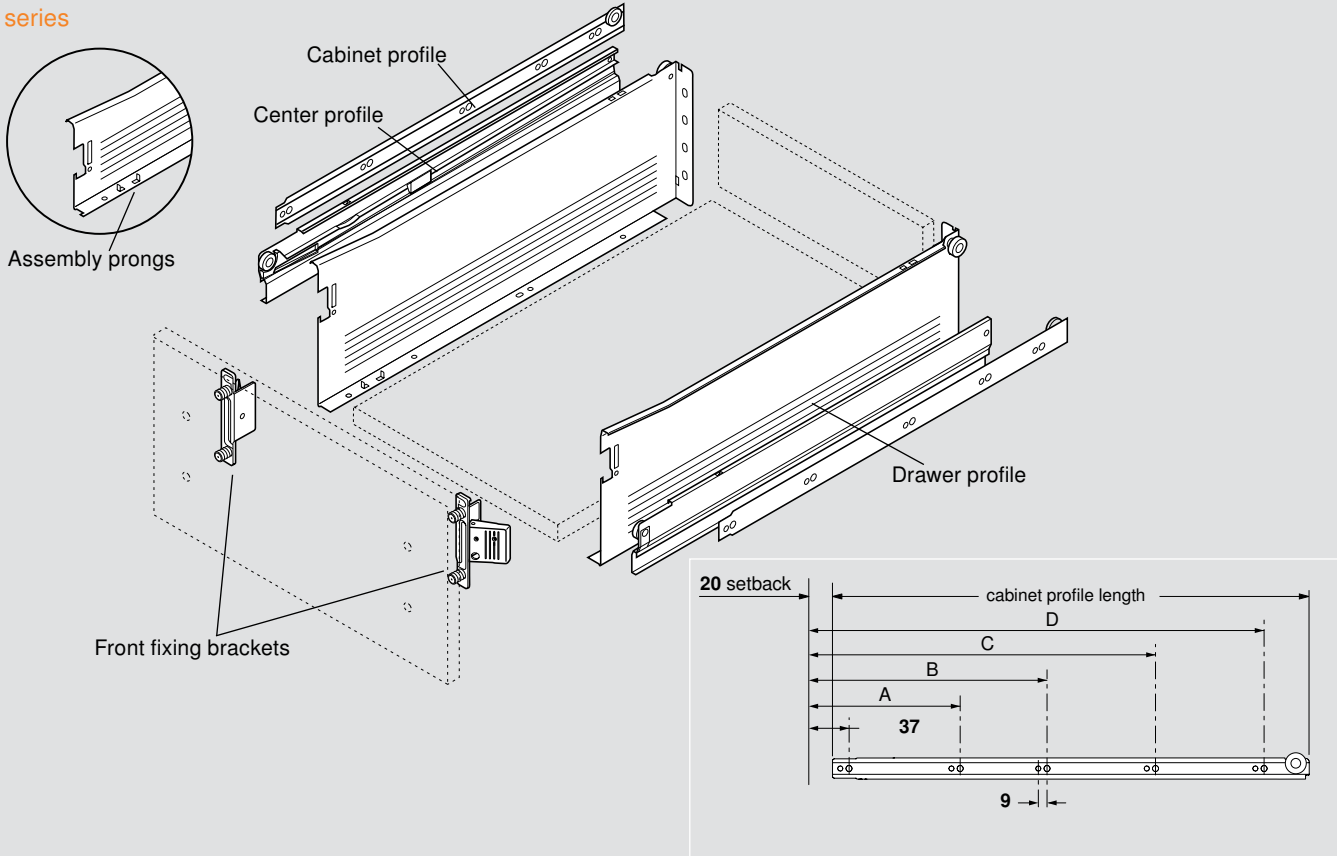
For interior drawer specifications

page 24

# 330H drawer series

## Components

### C15 series



### Runner sets (includes cabinet and drawer profiles)

C15 series white	Nominal Length	Min. inside cabinet depth	Nominal length	System screw mounting hole positions			
				A	B	C	D
<b>330H550PC15</b>	22"	<b>565</b> (22-1/4")	<b>550</b> (21-5/8")	<b>165</b>	<b>261</b>	<b>389</b>	<b>517</b>
<b>330H500PC15</b>	20"	<b>515</b> (20-1/4")	<b>500</b> (19-11/16")	<b>165</b>	<b>261</b>	<b>389</b>	<b>453</b>
<b>330H450PC15</b>	18"	<b>456</b> (18-5/16")	<b>450</b> (17-11/16")	<b>165</b>	<b>261</b>	<b>389</b>	—
<b>330H400PC15</b>	16"	<b>415</b> (16-5/16")	<b>400</b> (15-3/4")	<b>165</b>	<b>261</b>	<b>357</b>	—

### Standard front fixing bracket

	Nickel-plated steel		Part no.
	Screw-on	Right	
		Left	<b>ZSF.1700 L</b>
	Press-in	Right	<b>ZSF.1800 R</b>
		Left	<b>ZSF.1800 L</b>

### CLIP front fixing bracket

	Nickel-plated steel	Screw-on	Right	<b>ZSF.1200 R</b>
			Left	<b>ZSF.1200 L</b>
	EXPANDO	Press-in	Right	<b>ZSF.1300 R</b>
			Left	<b>ZSF.1300 L</b>
			Right	<b>ZSF.130E R</b>
			Left	<b>ZSF.130E L</b>

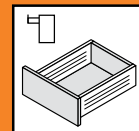
### Standard cover cap

Nylon white		<b>NOTE:</b> Blum logo cover caps available
		<b>ZAA.3500</b>

### CLIP cover cap

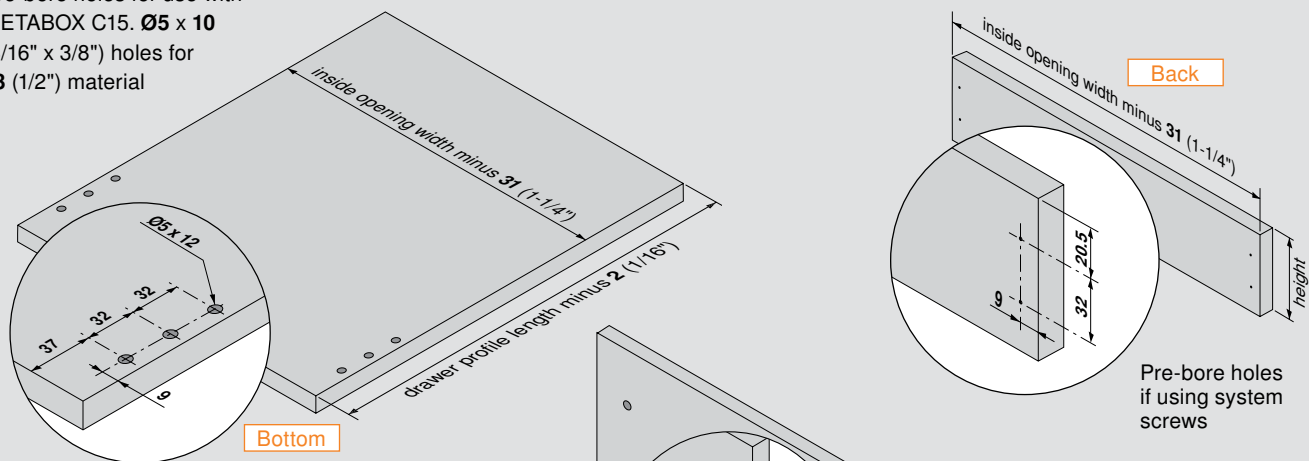
Nylon white		<b>NOTE:</b> Blum logo cover caps available
		<b>ZAA.3700</b>





### Specifications

Pre-bore holes for use with METABOX C15.  $\text{Ø}5 \times 10$   
 (3/16" x 3/8") holes for  
 13 (1/2") material

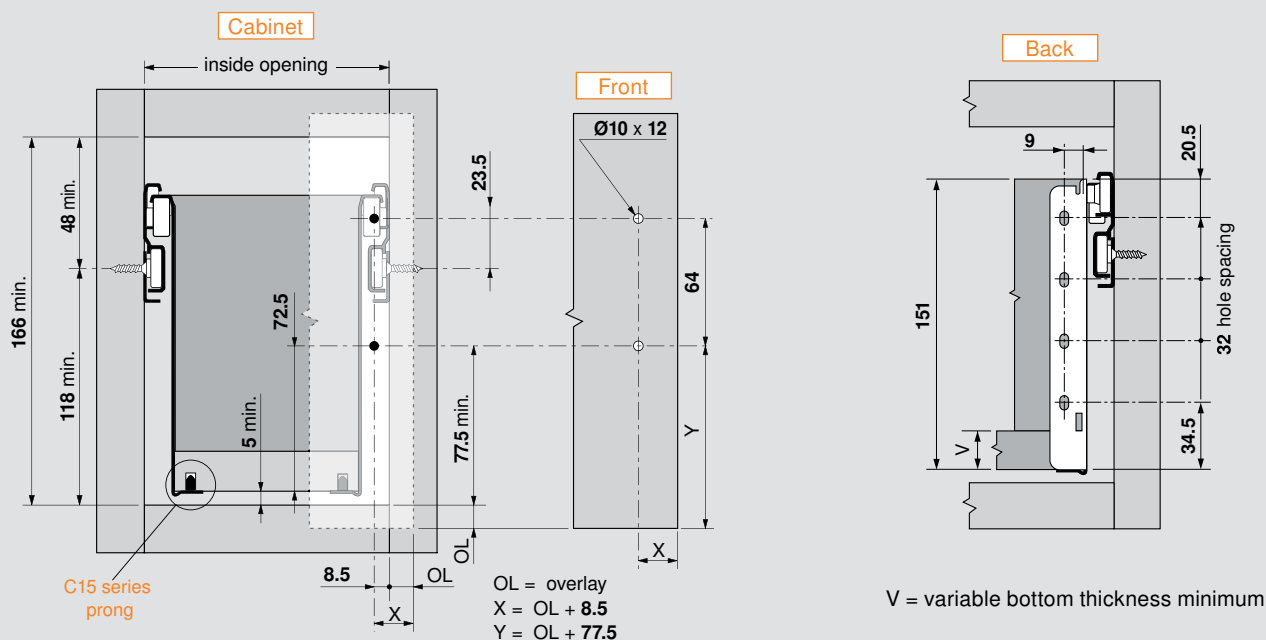


Nominal length	Bottom length
550 (21-5/8")	548 (21-9/16")
500 (19-11/16")	498 (19-5/8")
450 (17-11/16")	448 (17-5/8")
400 (15-3/4")	398 (15-11/16")

Material thickness	Back height
13 (1/2")	138 (5-7/16")
16 (5/8")	135 (5-5/16")
19 (3/4")	132 (5-3/16")

Bore  $\text{Ø}10 \times 12$  ( $\text{Ø}3/8" \times 1/2"$ ) hole for front fixing brackets with dowels  
 (Determine locations from specifications below, or see page 38 for pre-determined overlays)

### Installation specifications



For gallery rail and BOXSIDE specifications

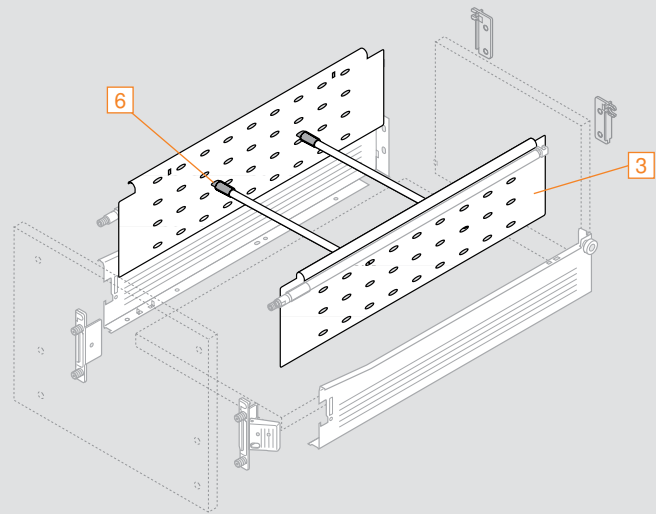
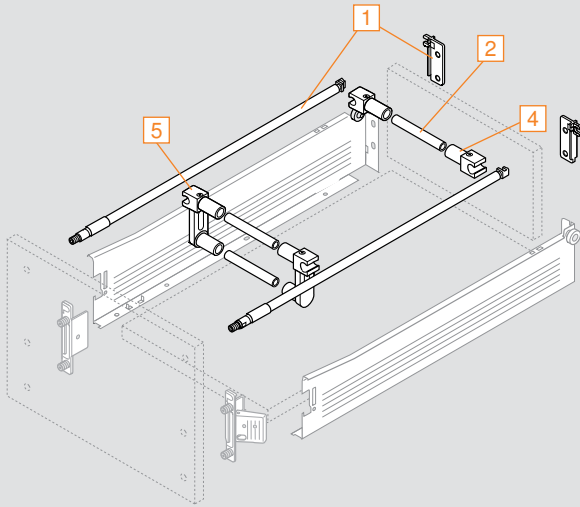
page 20

For interior drawer specifications

page 24

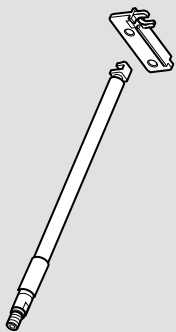
# Gallery rail and BOXSIDE systems

## Gallery components



### INSERTA gallery set

1



#### Set includes:

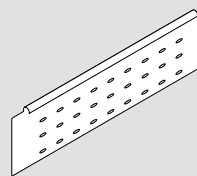
- Adjustable rails (qty 2)
- Rear fixing brackets (qty 2)
- Colors: white

Part no.

400 (16") drawer length	ZRE.371S.ID
450 (18") drawer length	ZRE.421S.ID
500 (20") drawer length	ZRE.471S.ID
550 (22") drawer length	ZRE.521S.ID

### BOXSIDE

3



Height = 128 (5-1/32")

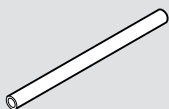
Color: white

Part no.

400 (16") drawer length	Z36H367SE01
450 (18") drawer length	Z36H417SE01
500 (20") drawer length	Z36H467SE01
550 (22") drawer length	Z36H517SE01

### Gallery cross rail

2



- 1104 (44") long, cut to length
- Colors: white
- Length = inside opening width minus 60 (2-3/8")

Part no.

Gallery cross rail	ZRG.1104U
--------------------	-----------

### Gallery connectors

4



Single gallery connector  
Colors: white

Part no.

ZRU.00E0.01

5



Double gallery connector  
Colors: white

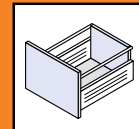
ZRU.00Z0.01

6

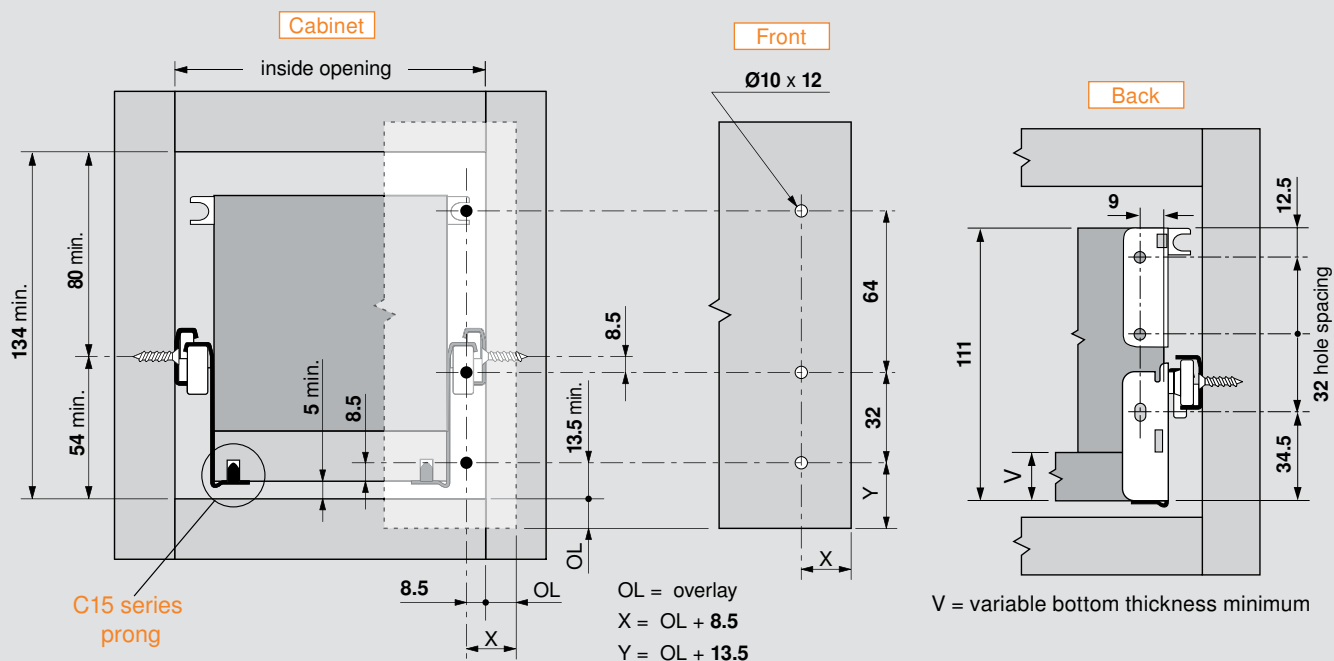


Spring connector  
Colors: dust gray

ZRU.10B1E

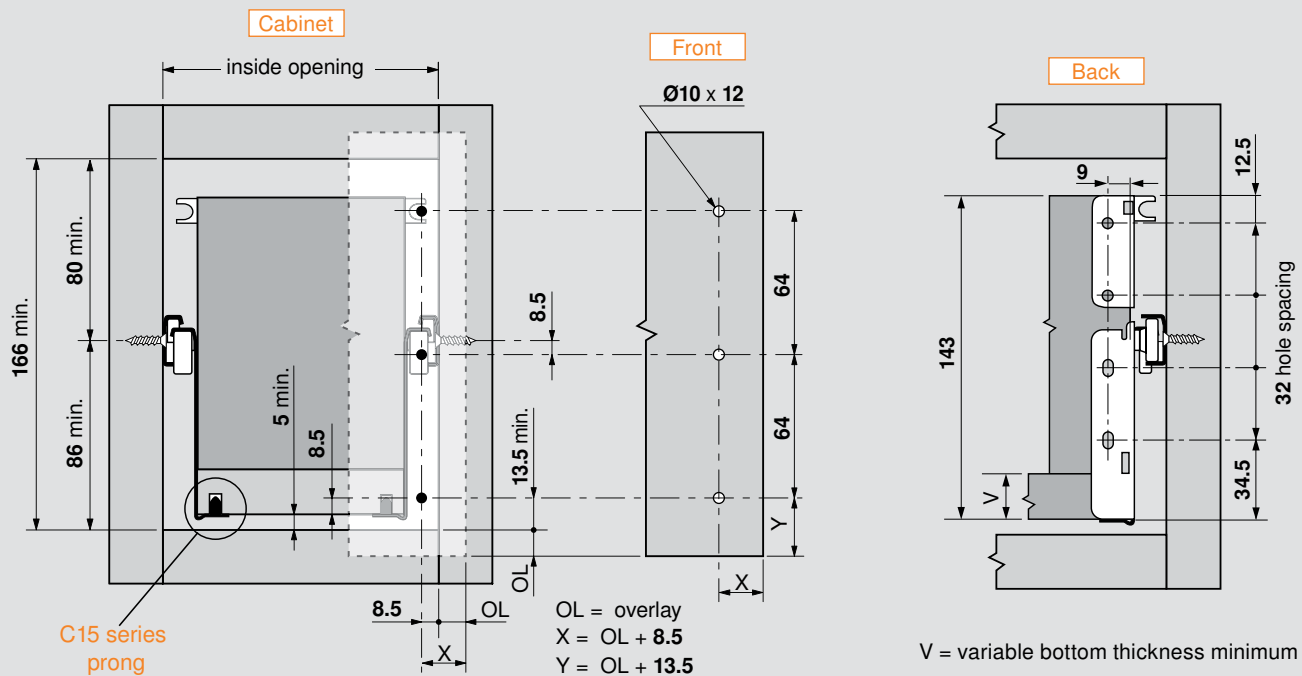


### 320N installation specifications



**NOTE:** For double gallery rail application add 64 (2-1/2") to opening and back height

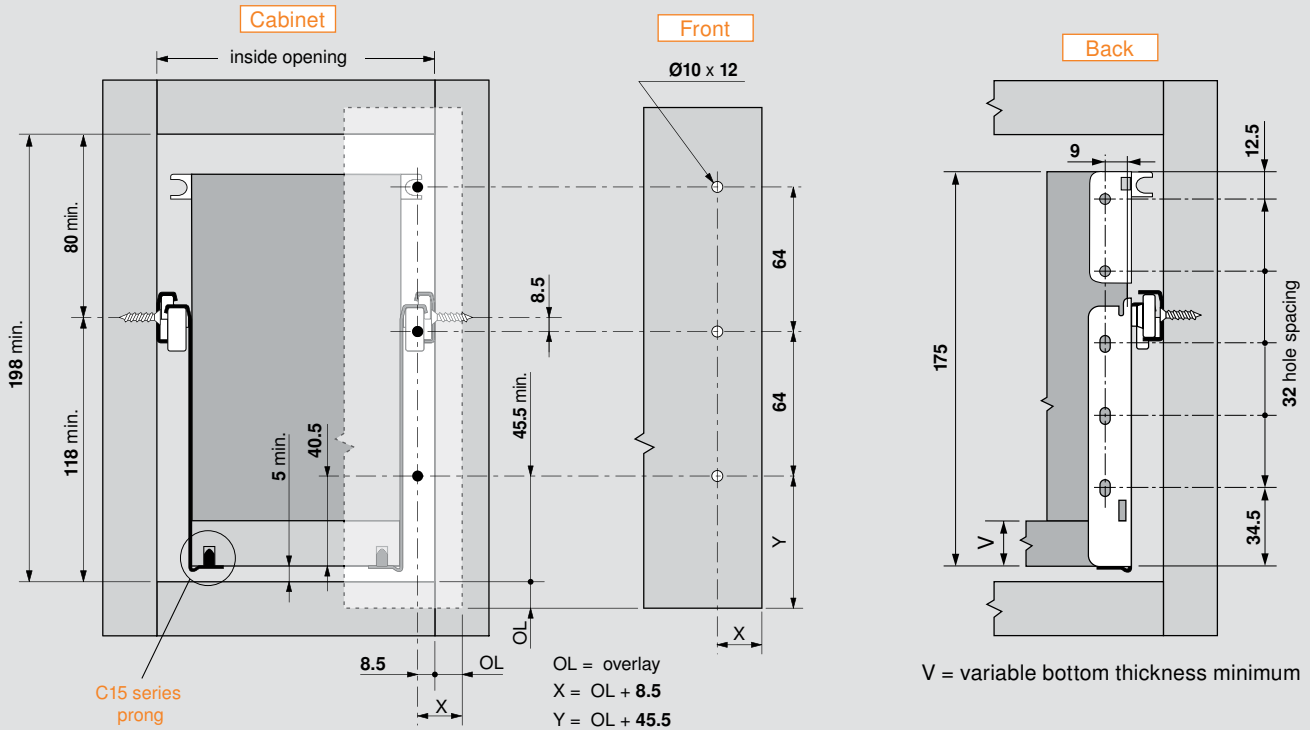
### 320M installation specifications



**NOTE:** For double gallery rail application add 64 (2-1/2") to opening and back height

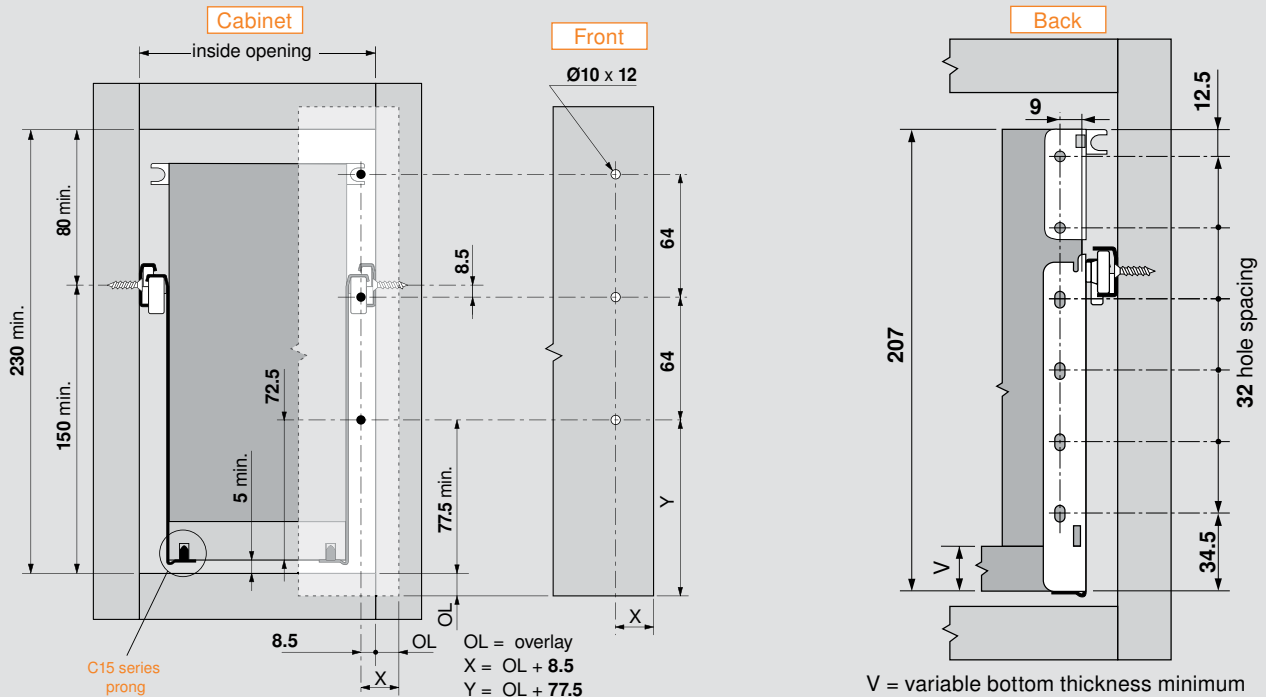
# Gallery rail and BOXSIDE systems

## 320K installation specifications

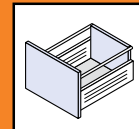


**NOTE:** For double gallery rail application add 64 (2-1/2") to opening and back height

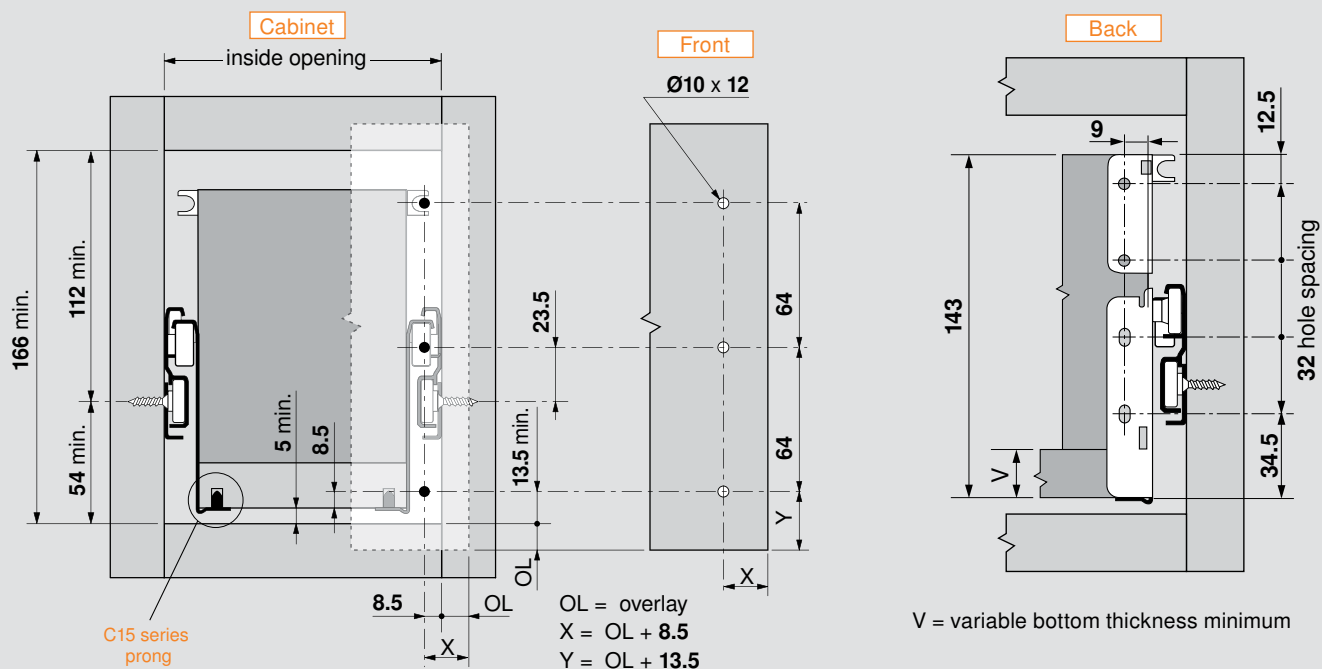
## 320H installation specifications



**NOTE:** For double gallery rail application add 64 (2-1/2") to opening and back height

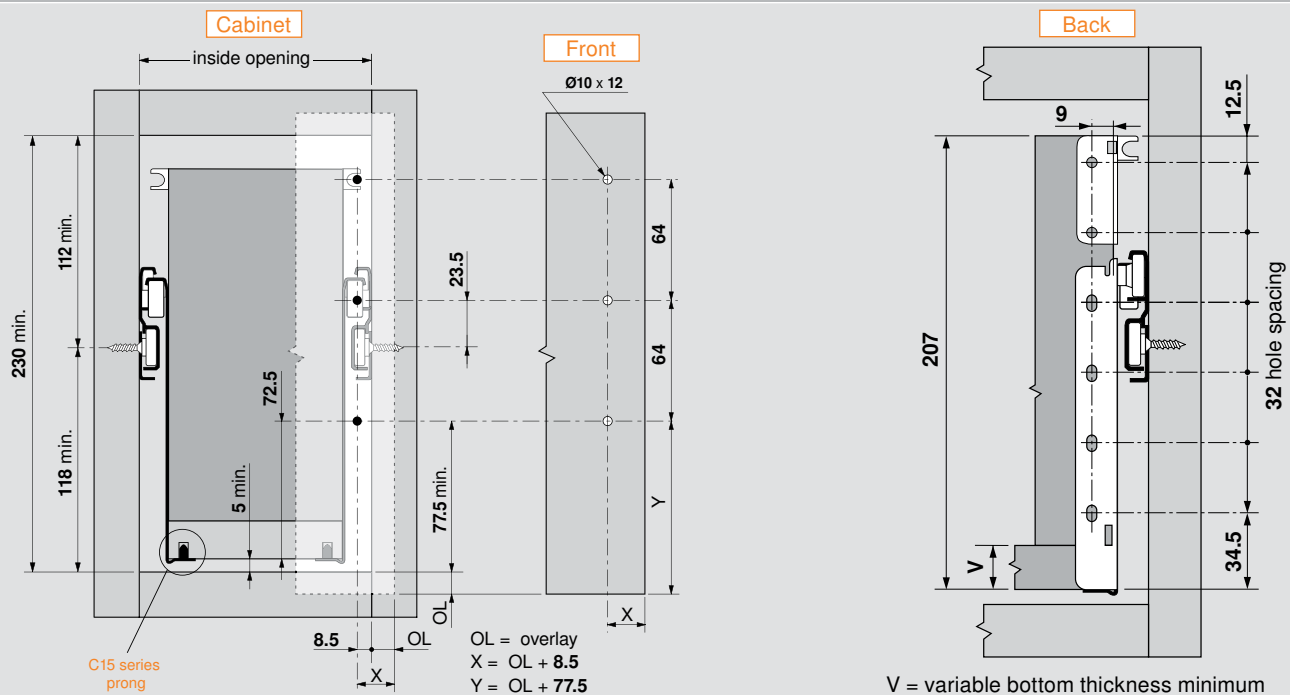


### 330M installation specifications



**NOTE:** For double gallery rail application add 64 (2-1/2") to opening and back height

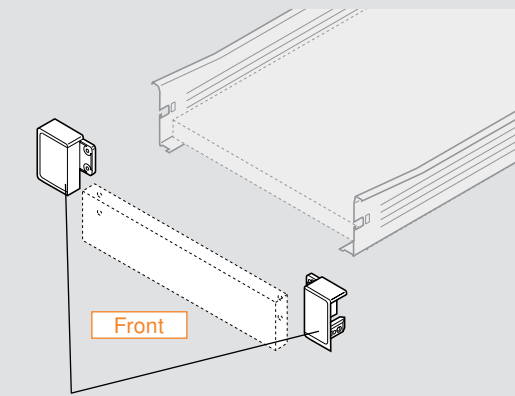
### 330H installation specifications



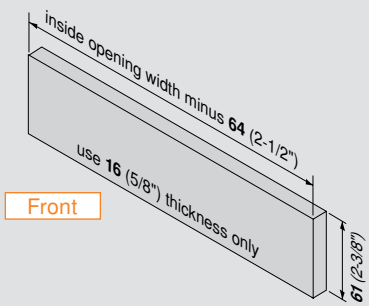
**NOTE:** For double gallery rail application add 64 (2-1/2") to opening and back height

# 320N interior drawer application

## Components

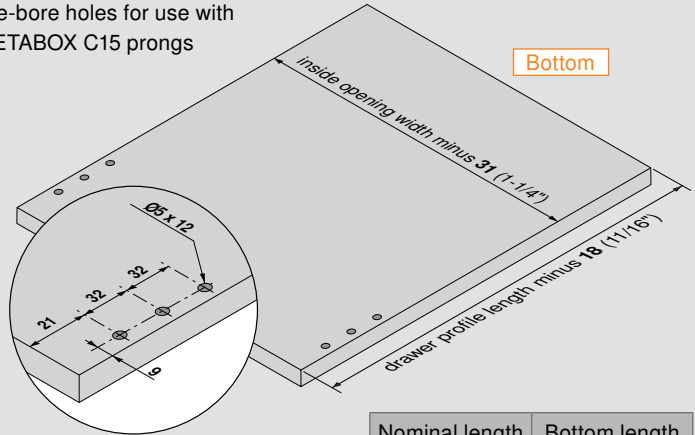


Interior front fixing brackets

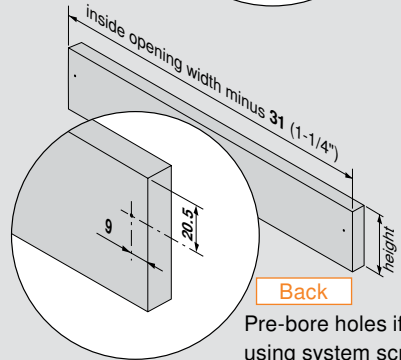


Front

Pre-bore holes for use with METABOX C15 prongs



Bottom



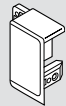

Back

Pre-bore holes if using system screws

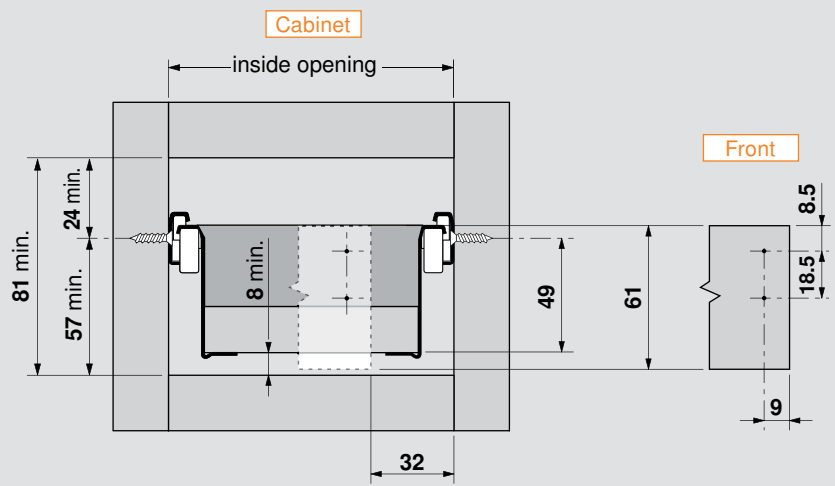
Nominal length	Bottom length
550 (21-5/8")	532 (20-15/16")
500 (19-11/16")	482 (19")
450 (17-11/16")	432 (17")
400 (15-3/4")	382 (15-1/16")
350 (13-3/4")	332 (13-1/16")
270 (10-5/8")	252 (9-15/16")

Bottom material thickness	Back height
13 (1/2")	42 (1-5/8")
16 (5/8")	39 (1-9/16")
19 (3/4")	36 (1-7/16")

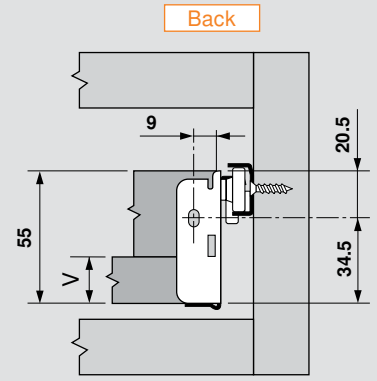
### Screw-on interior front fixing bracket

Nylon	White	Part no.
	Right	ZIF.3010.02
	Left	ZIF.3010.03

## Installation specifications



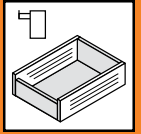
Front



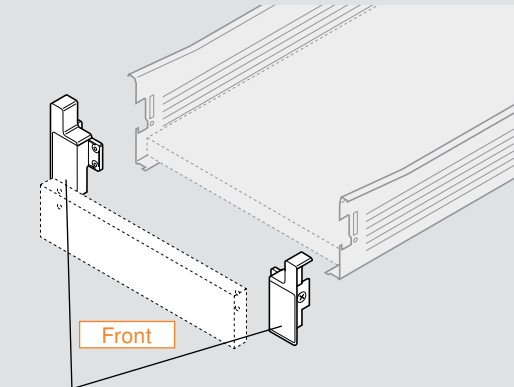
Back

V = variable bottom thickness minimum

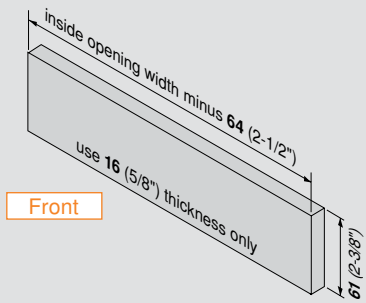
# 320M interior drawer application



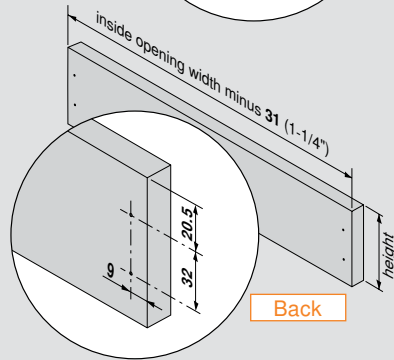
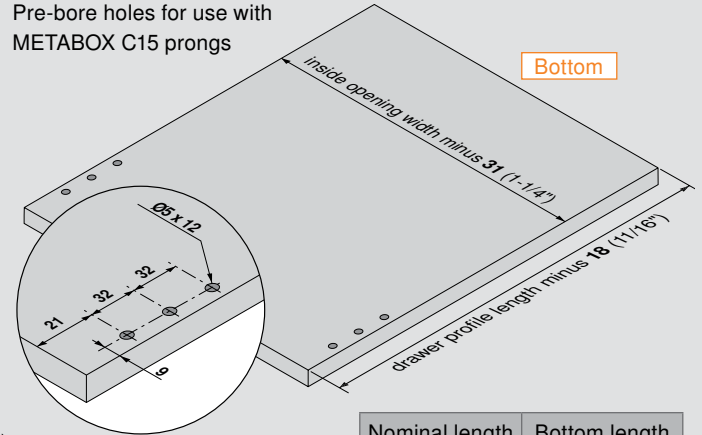
## Components



Interior front fixing brackets



Pre-bore holes for use with METABOX C15 prongs



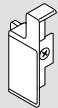
Pre-bore holes if using system screws

Nominal length	Bottom length
550 (21-5/8")	532 (5-7/16")
500 (19-11/16")	482 (19")
450 (17-11/16")	432 (17")
400 (15-3/4")	382 (15-1/16")
350 (13-3/4")	332 (13-1/16")
270 (10-5/8")	252 (9-15/16")

Bottom material thickness	Back height
13 (1/2")	74 (2-15/16")
16 (5/8")	71 (2-15/16")
19 (3/4")	68 (2-11/16")

## Screw-on interior front fixing bracket

Nylon



White

Part no.

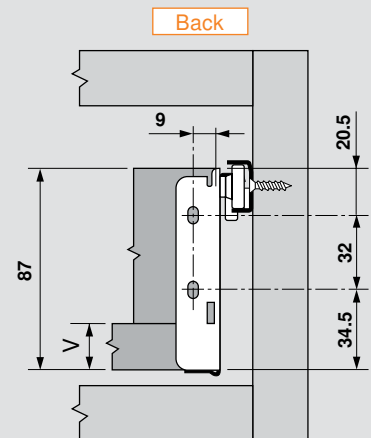
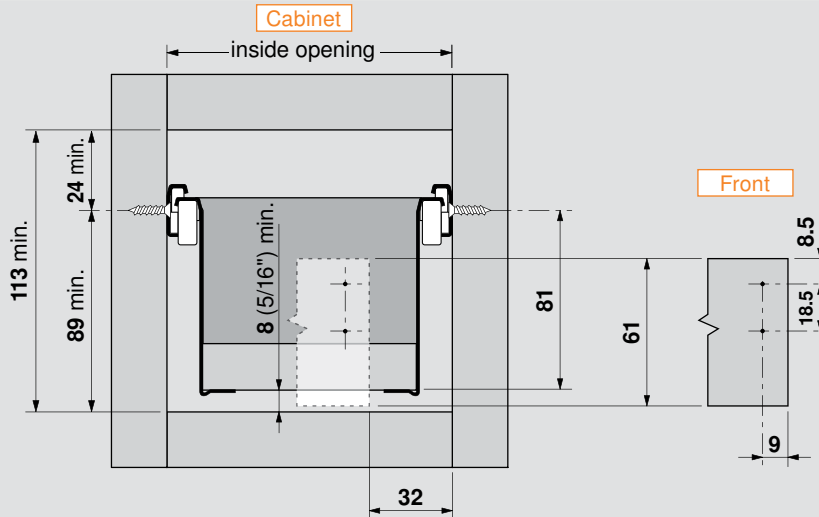
Right

ZIF.3000.02

Left

ZIF.3000.03

## Installation specifications



V = variable bottom thickness minimum

# 320K interior drawer application

## Components

Pre-bore holes for use with METABOX C15 prongs

Pre-bore holes if using system screws

Front: Interior front fixing brackets

Front: inside opening width minus 64 (2-1/2")  
use 16 (5/8") thickness only  
93 (3-11/16")

Bottom: inside opening width minus 31 (1-1/4")  
drawer profile length minus 18 (1-1/16")

Back: inside opening width minus 31 (1-1/4")  
height

Nominal length	Bottom length
550 (21-5/8")	532 (20-15/16")
500 (19-11/16")	482 (19")
450 (17-11/16")	432 (17")
400 (15-3/4")	382 (15-1/16")
350 (13-3/4")	332 (13-1/16")

Bottom material thickness	Back height
13 (1/2")	106 (4-3/16")
16 (5/8")	103 (4-1/16")
19 (3/4")	100 (3-15/16")

**Screw-on interior front fixing bracket**

Nylon	White	Part no.
	Right	ZIF.3030 R
	Left	ZIF.3030 L

## Installation specifications

Cabinet: inside opening

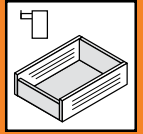
Front: 145 min., 121 min., 24 min., 8 min., 113, 93, 17.5, 32, 9

Back: 119, 9, 20.5, 32, 32, 34.5, V

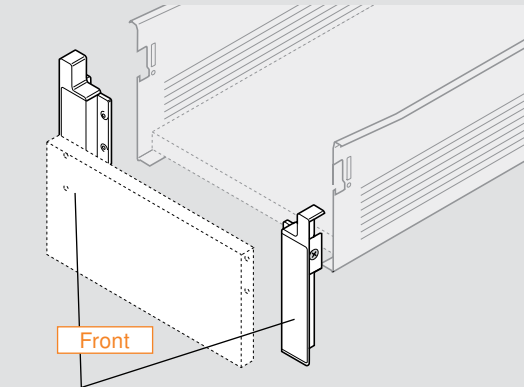
V = variable bottom thickness minimum



# 320H interior drawer application

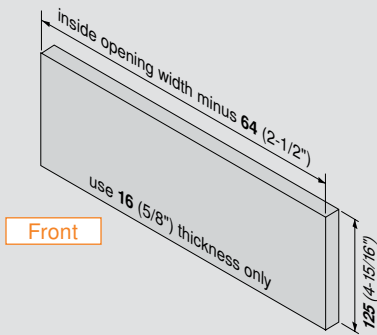


## Components



Front

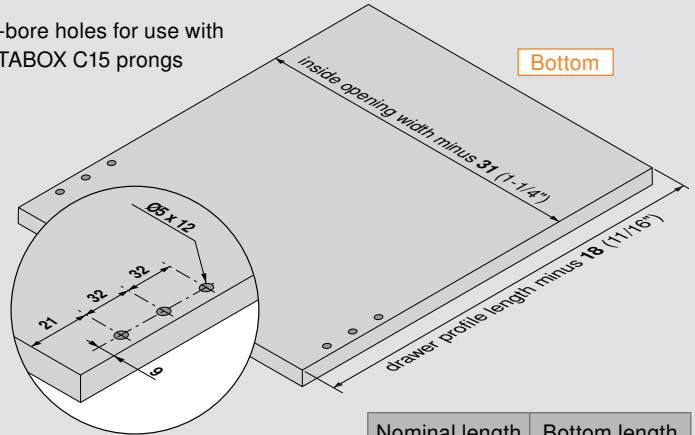
Interior front fixing brackets



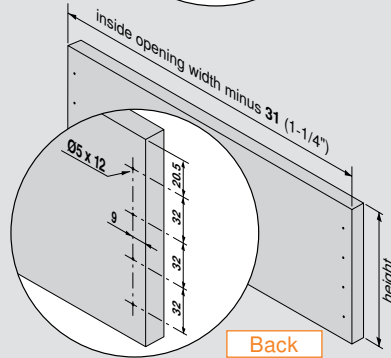
Front

use 16 (5/8") thickness only

Pre-bore holes for use with METABOX C15 prongs



Bottom



Back

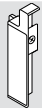
Pre-bore holes if using system screws

Nominal length	Bottom length
550 (21-5/8")	532 (5-7/16")
500 (19-11/16")	482 (19")
450 (17-11/16")	432 (17")
400 (15-3/4")	382 (15-1/16")
350 (13-3/4")	332 (13-1/16")

Bottom material thickness	Back height
13 (1/2")	138 (5-7/16")
16 (5/8")	135 (5-5/16")
19 (3/4")	132 (5-3/16")

## Screw-on interior front fixing bracket

Nylon



White

Part no.

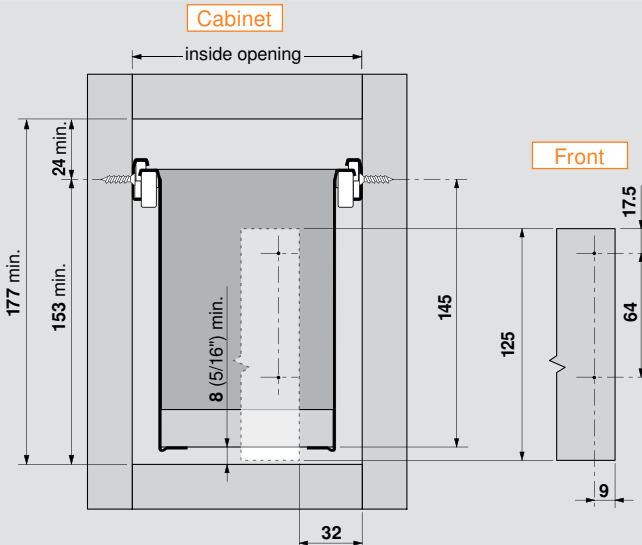
Right

ZIF.3050 R

Left

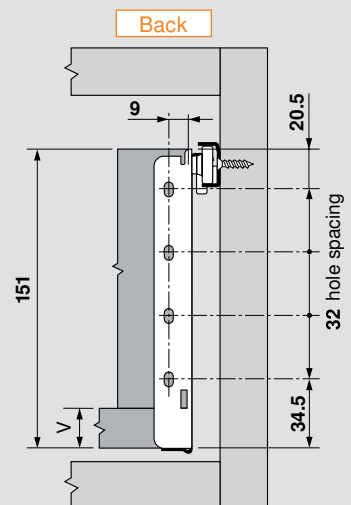
ZIF.3050 L

## Installation specifications



Cabinet

Front

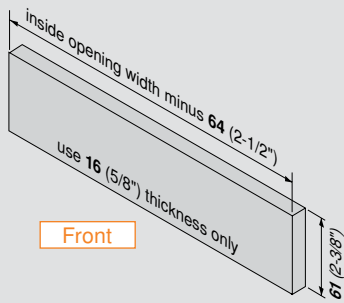
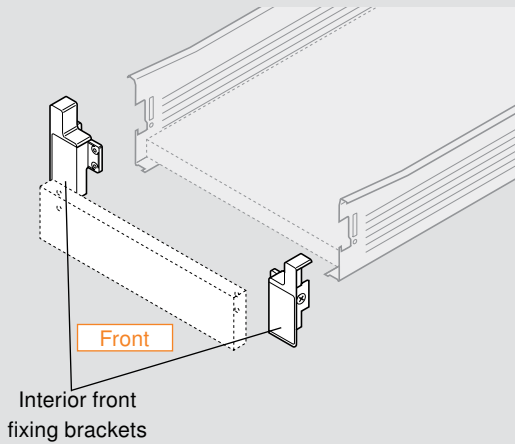


Back

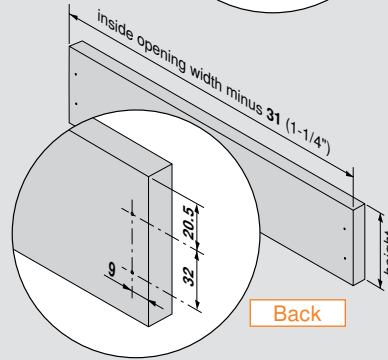
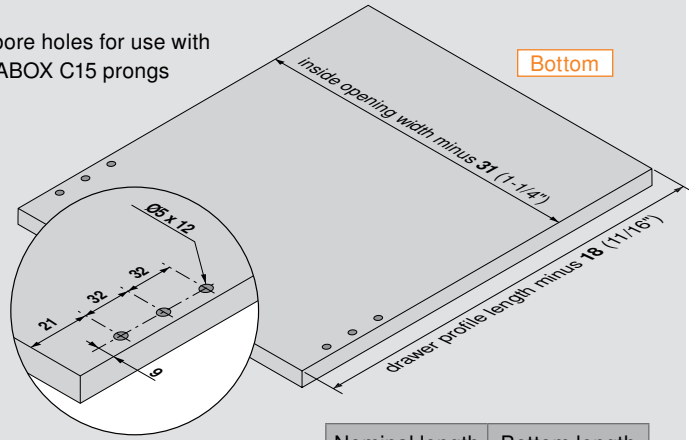
V = variable bottom thickness minimum

# 330M interior drawer application

## Components



Pre-bore holes for use with METABOX C15 prongs

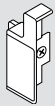


Nominal length	Bottom length
550 (21-5/8")	532 (20-15/16")
500 (19-11/16")	482 (19")
450 (17-11/16")	432 (17")
400 (15-3/4")	382 (15-1/16")

Bottom material thickness	Back height
13 (1/2")	74 (2-15/16")
16 (5/8")	71 (2-13/16")
19 (3/4")	68 (3-11/16")

## Screw-on interior front fixing bracket

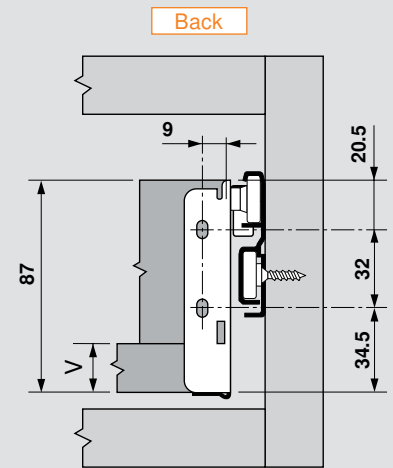
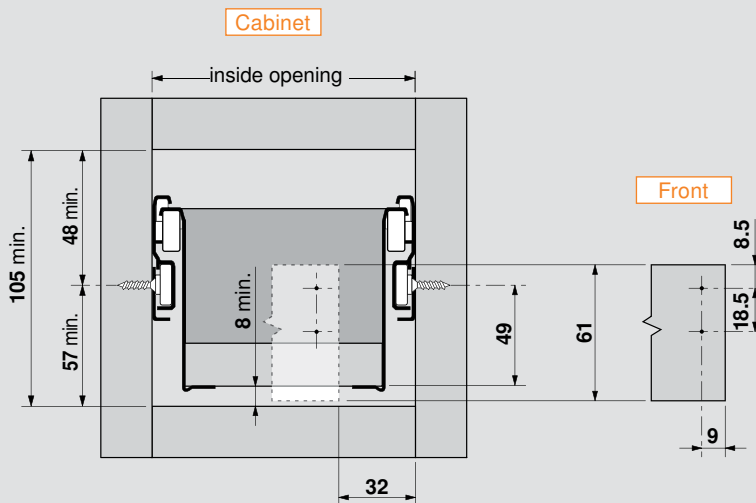
Nylon



	White	Part no.
Right		ZIF.3000.02
Left		ZIF.3000.03

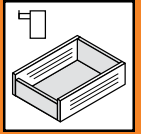
Pre-bore holes if using system screws

## Installation specifications

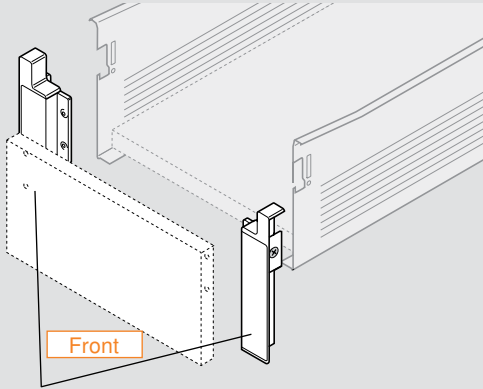


V = variable bottom thickness minimum

# 330H interior drawer application

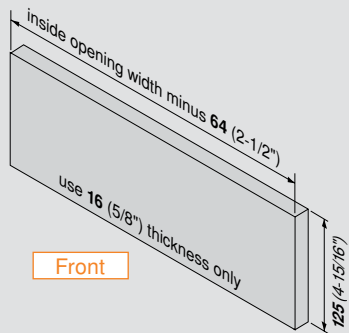


## Components



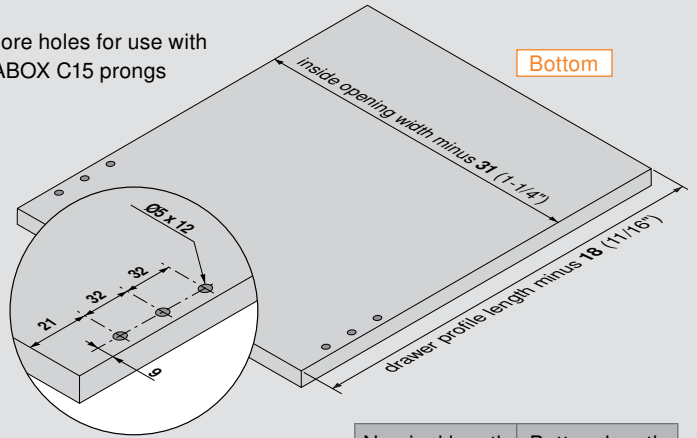
Front

Interior front fixing brackets

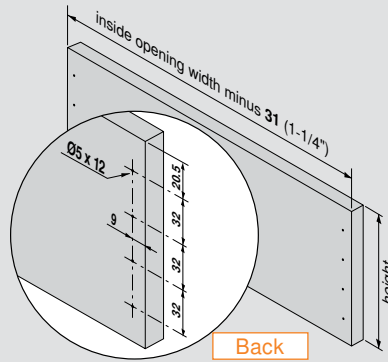


Front

Pre-bore holes for use with METABOX C15 prongs



Bottom



Back

Pre-bore holes if using system screws

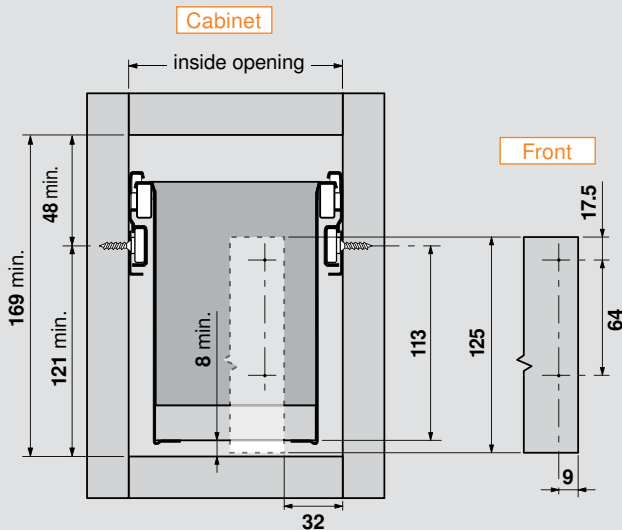
Nominal length	Bottom length
550 (21-5/8")	532 (5-7/16")
500 (19-11/16")	482 (19")
450 (17-11/16")	432 (17")
400 (15-3/4")	382 (15-1/16")

Bottom material thickness	Back height
13 (1/2")	138 (5-7/16")
16 (5/8")	135 (5-5/16")
19 (3/4")	132 (5-3/16")

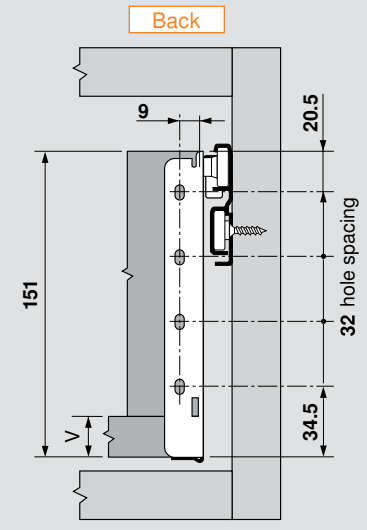
## Screw-on interior front fixing bracket

Nylon	White	Part no.
	Right	ZIF.3050 R
	Left	ZIF.3050 L

## Installation specifications



Front

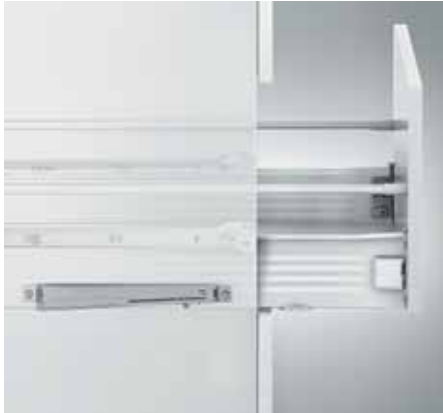


Back

V = variable bottom thickness minimum

# BLUMOTION for METABOX

## Application



## Features

- Soft closing mechanism for METABOX 320 series
- Designed for single extension C15 only
- Minimal opening force required
- One BLUMOTION required for cabinets up to 36" wide
- BLUMATIC self-closing and BLUMOTION in one mechanism

## Required parts

### BLUMOTION for METABOX set

#### Set includes:

- Gray mechanism
- White latch



Part no.

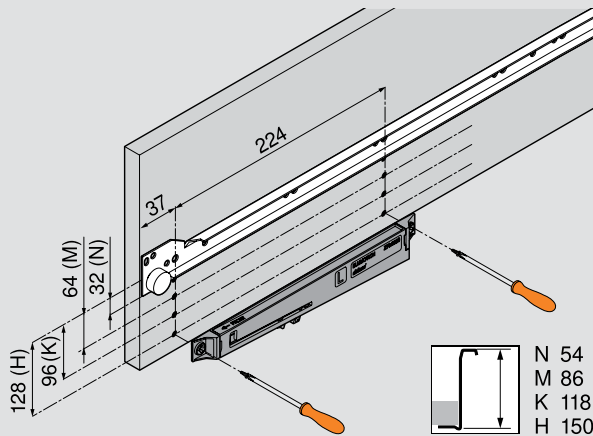
BLUMOTION set

**Z70.0320**

## Installation

### BLUMOTION mechanism mounting

Only one BLUMOTION set required for cabinets up to 36" wide



Installation screws

Part no.

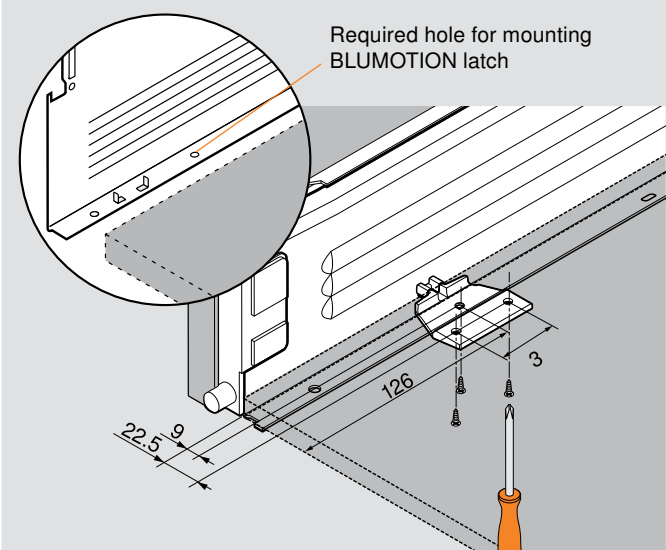
#6 x 5/8", #2 wood screw (two required)

**606N or 606P**

#7 x 14.5 mm system screw (two required)

**661.1450HG**

### Latch attachment



Installation screws

Part no.

#6 x 5/8", #2 wood screw (two required)

**606N or 606P**



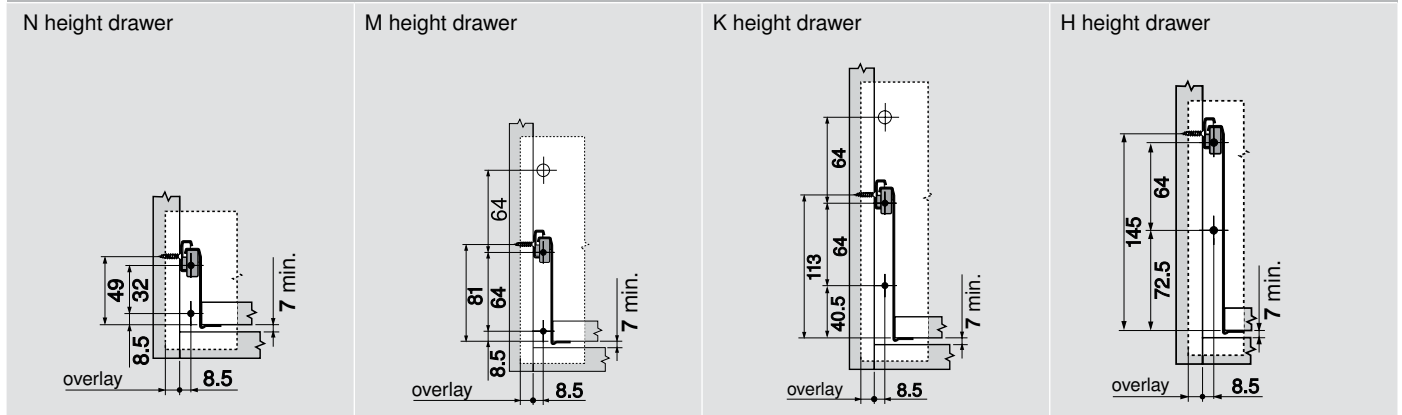
BLUMOTION for METABOX attaches on the left side of the cabinet, below the cabinet profile.



Two screws in the bottom and one in the drawer profile are required.

Dimensions

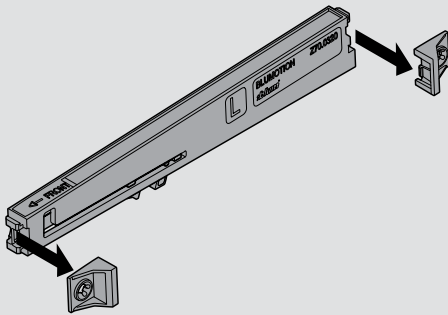
Increased space beneath the drawer required



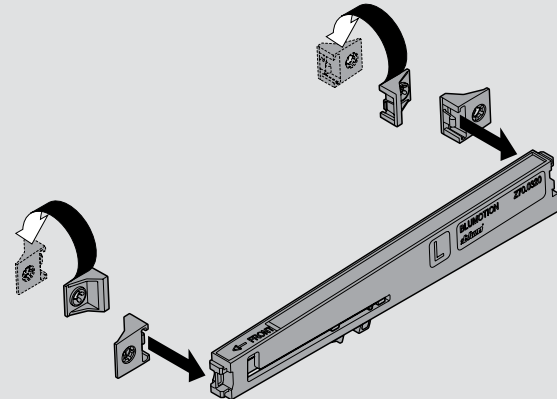
For drawers greater than 36" wide

Use two BLUMOTION for METABOX sets

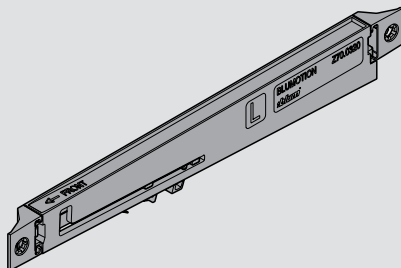
1 After attaching the left mechanism, prepare the second BLUMOTION for attachment to the right side by removing the end brackets



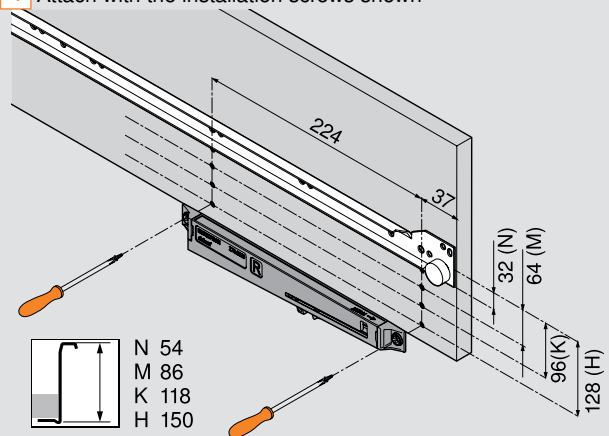
2 Rotate end brackets 180° and re-attach



3 The BLUMOTION mechanism is now ready for attachment to the right side of the cabinet



4 Attach with the installation screws shown



Installation screws

#6 x 5/8", #2 wood screw (two required)

#7 x 14.5 mm system screw (two required)

Part no.

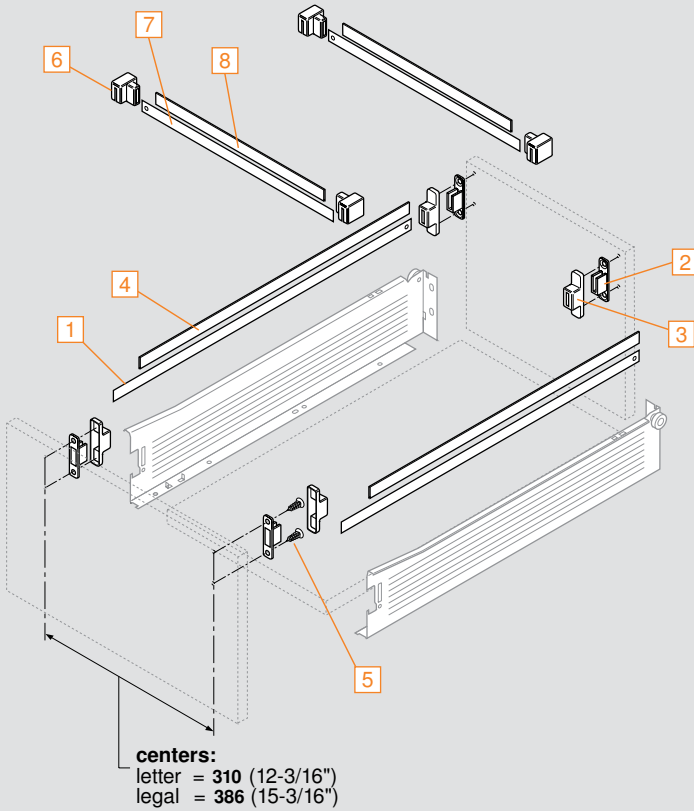
606N or 606P

661.1450HG

**NOTE:** An additional latch is required on the right side of the drawer

# File drawer application

## METAFILE set



Includes components to make one standard hanging file system

### Set includes:

- 1 Steel hanging rails (ZRM.550S) zinc coated, 3 x 13 x 550 (qty 2)
- 2 Rail support brackets (ZRM.0005) synthetic, natural color (qty 4)
- 3 Rail support covers (ZRM.0003) synthetic, white (qty 4)
- 4 Glide profiles (ZRM.550G) synthetic, white, 550 length (qty 2)
- 5 Flathead wood screws (6064N) nickel, #6 x 3/4" (qty 8)

Part no

METAFILE set **ZRM.5500.US**

### Lateral file accessories

- 6 Lateral bracket synthetic, white

Four required per drawer **ZRM.0004.10**

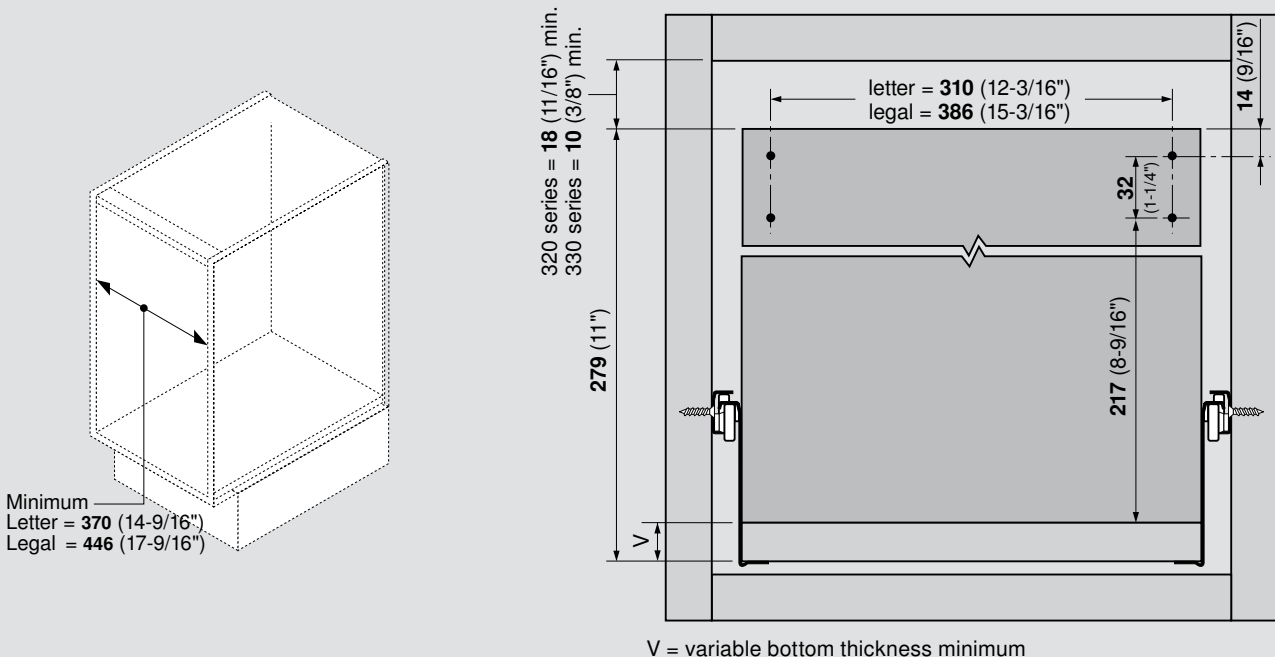
- 7 Steel hanging rail zinc coated, 3 x 13 x 1100 cut to length

Hanging rail **ZRM.1100S**

- 8 Glide profile synthetic, white, 1100 mm long, cut to length

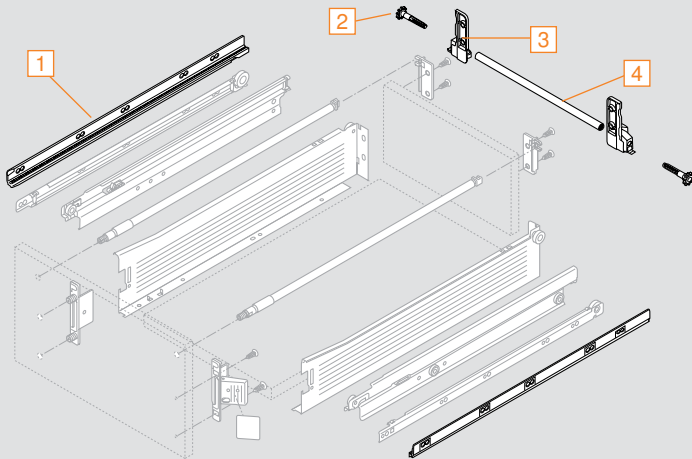
Glide profile **ZRM.1100G**

## Assembly and installation specifications

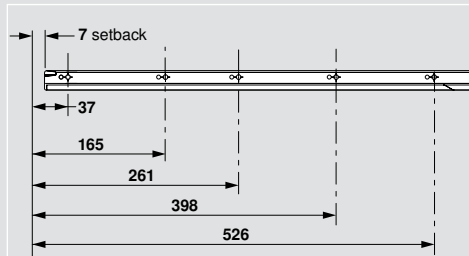


# Lateral stabilizer

## Additional stabilization for wide drawers



Minimum inside cabinet depth:  
**572** (22-1/2") for standard drawer  
**575** (22-5/8") for interior roll-out tray



For use with METABOX 330M and H series full extension drawers only.

Available for drawer lengths **550** (22")  
 Linkage rod **4** can be cut according to cabinet width.

Suitable for cabinet widths up to **1200** (47").  
 Simple assembly of all components.

Does not increase load capacity.

Set includes:

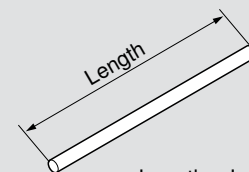
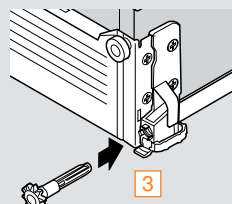
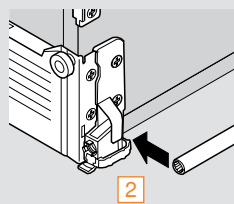
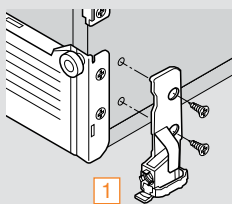
- 1** Gear racks, R & L
- 2** Pinion gears (qty2)
- 3** Brackets, R & L
- 4** Linkage **1076** (42-3/8")

Part no.

**550** (22") drawer length

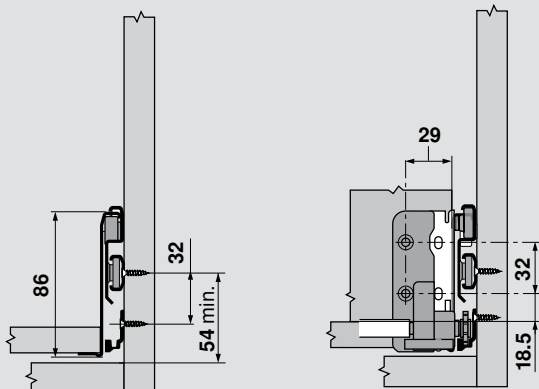
**ZST.550MH**

## Assembly and installation specifications

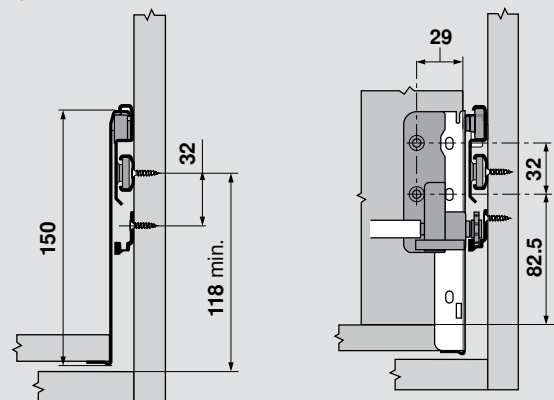


Length = Inside opening width minus **86** (3-3/8")

### 330M specifications

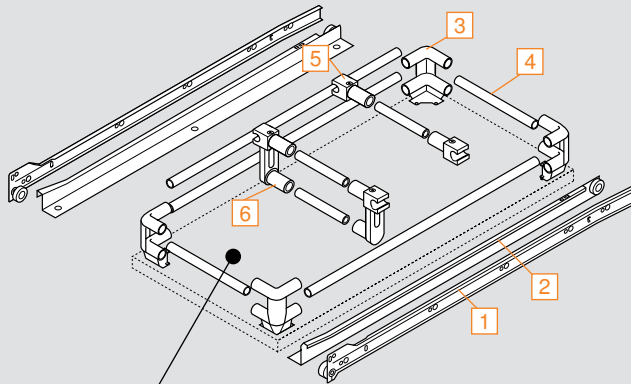


### 330H specifications



# Roll-out shelf application

## For interior roll-out shelf organization



### Roll-out bottom dimensions

Width = inside opening width minus 25  
 Deduct side spacer width if used  
 Length = drawer Nominal length

### STANDARD runner set 1 & 2

L&R cabinet and drawer profiles  
 Colors: white

Drawer length	Part no.
350 (13-3/4")	230M3500
400 (15-3/4")	230M4000
450 (17-11/16")	230M4500
500 (19-11/16")	230M5000
550 (21-5/8")	230M5500

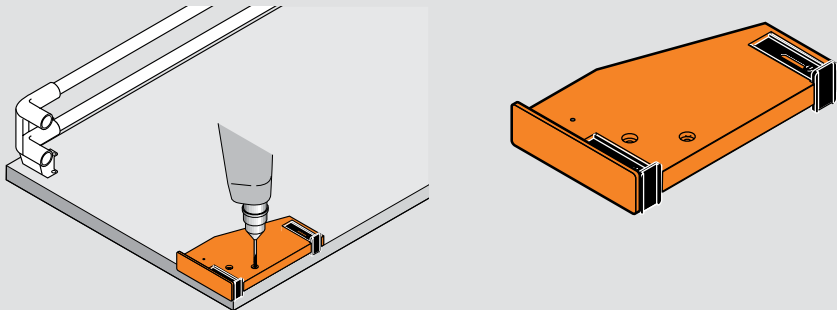
3 Corner post synthetic, white	ZTU.00Z0
-----------------------------------	----------

4 Gallery rails 104 (44") long, cut to length white	ZRG.1104U
---	-----------

5 Single gallery connector synthetic, white	ZRU.00E0.01
--	-------------

6 Double gallery connector synthetic, white	ZRU.00Z0.01
--	-------------

## Assembly and installation specifications



### For roll-out surround assembly

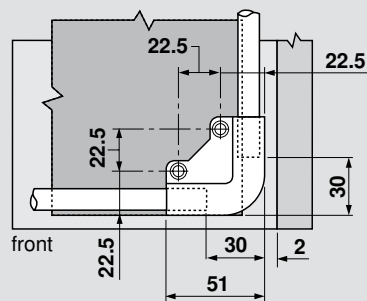
The roll-out surround drilling gauge enables pre-boring of the fixing positions for the corner posts.

### Set includes:

- Special Ø2 mm drill bits (qty 3)
- #2 Phillips, long screwdriver blade

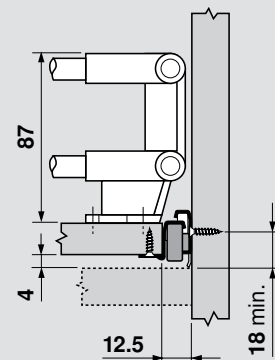
	Part no.
Boring gauge	ZML.0010

## Installation specifications



- Side gallery rail length = Nominal length minus 60 (2-3/8")
- Front and back gallery rail lengths = interior cabinet width minus 69 (2-11/16")
- Attach with 606N or 606P screws

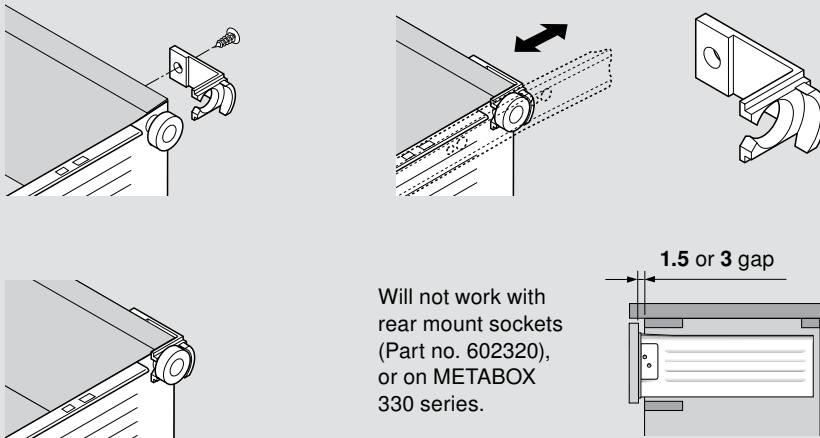
## Corner post specifications







## POSI-STOP assembly



Will not work with rear mount sockets (Part no. 602320), or on METABOX 330 series.

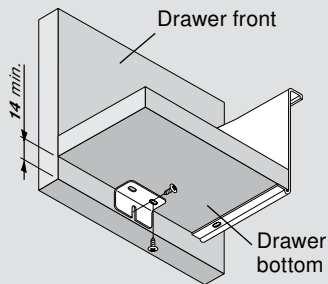
Add-on device to keep drawer front from contacting the cabinet face.

- Available in thicknesses of 1.5 (1/16") or 3 (1/8")
- Synthetic, natural finish
- Non-handed
- Use two per drawer
- Snap in place and secure with wood screw

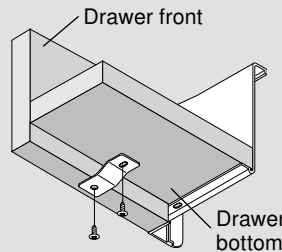
	Part no.
1.5 (1/16") gap	298.3210.01
3 (1/8") gap	298.3230.01
Installation screws	606N or 606P

## Drawer front support brackets

### Standard drawers



### Interior pull-out trays



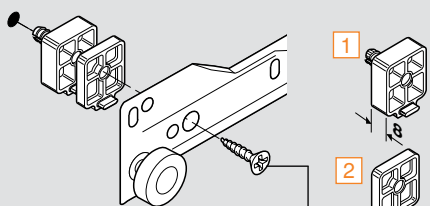
Add-on brackets for wide drawers to keep the front tight to the drawer bottom.

- Stainless steel
- Attach with 612TH screws #6 x 1/2" trusshead

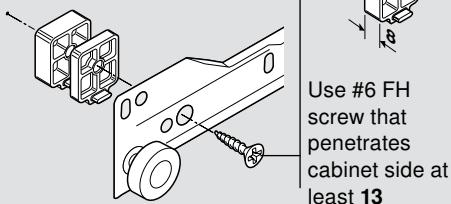
	Part no.
For standard drawers	ZSB.0090.01
For interior roll-out trays	ZSB.0045.01
Installation screw	612TH

## Cabinet profile spacers

### With split dowel

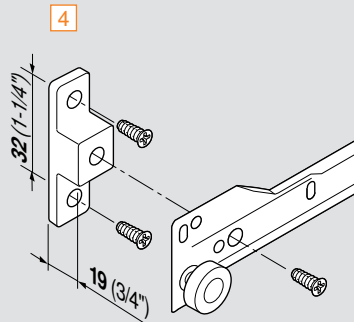


### Without split dowel



Use #6 FH screw that penetrates cabinet side at least 13

### Heavy duty spacer



**NOTE:** Use spacers on front, middle and rear of each cabinet profile for adequate support

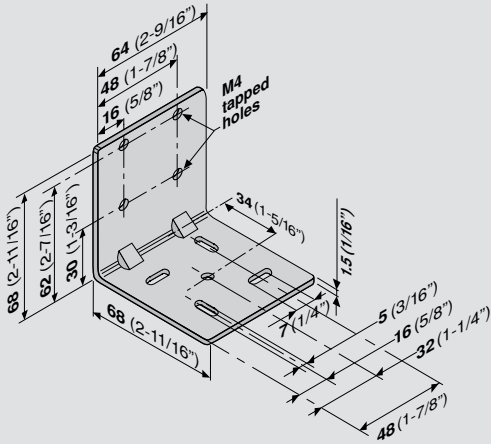
To space runners away from the cabinet side to clear door protrusion for interior roll-out trays.

- Two thicknesses available that can be stacked up to 24 (15/16")
- Synthetic, cream color

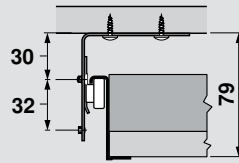
	Part no.
1 8 (5/16") with Ø5 (3/16") x 11 dowel for linebore mounting	320M0188
2 4 (5/32") stackable	320M0048
3 8 (5/16") stackable	320M0088
Installation screw	606N or 606P
4 32 (1-1/4") x 19 (3/4") Synthetic, white color	
Heavy duty spacer	602750
Installation screw	661.1150
Installation screw	661.1450



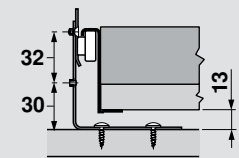
## Universal drawer bracket set



### METABOX top mount (320N shown)



### Bottom mount (320N only)



For mounting Blum runners to the underside of a counter surface (pencil drawer) or to the floor of a cabinet (roll-out tray).

- Zinc-coated steel
- Attach to cabinet with Blum 612TH screws, #6 x 1/2" truss head

#### Set includes:

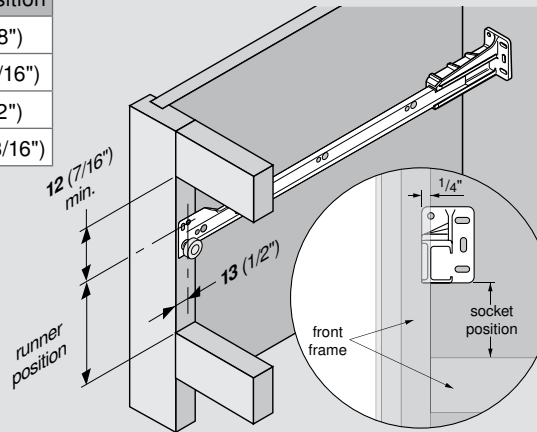
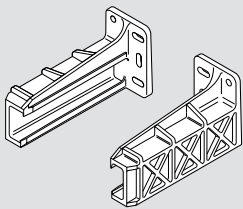
- Universal brackets (qty 4)
- M4 x 6 flathead machine screws to attach runners to brackets (qty 8)

Part no.

Drawer bracket set	295.4000
Installation screw	612TH

## Rear mount sockets

Series	Runner position	Socket position
320N	66.5 (2-5/8")	35.5 (1-3/8")
320M	99.5 (3-15/16")	67.5 (2-11/16")
320K	131.5 (5-3/16")	89.5 (3-1/2")
320H	163.5 (6-7/16")	131.5 (5-3/16")



For use with METABOX 320N, M, K, H and STANDARD 230M runners in frame cabinets.

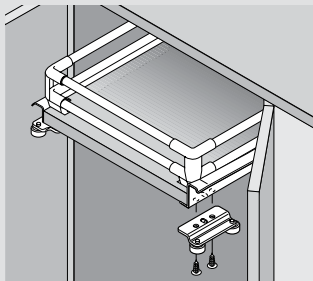
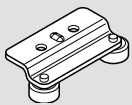
- Synthetic, cream color
- Attach with Blum 612TH screws, #6 x 1/2" trusshead

**NOTE:** Cannot be used with METABOX 330 series or in conjunction with POSI-STOP's

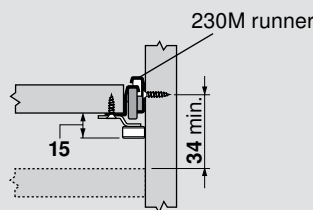
Part no.

Left and right socket set	602320
Installation screw	612TH

## Door protectors



### Space requirements



For pull-out surrounds to prevent damage to doors.

- Epoxy coated steel with synthetic rollers, cream color
- Attaches to the underside of the drawer
- For use with STANDARD 230M runners only

Part no.

Door protector	298.2200
Installation screw	612TH

# Part number index



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320H4000C15	14	MZE.2110	39	ZTU.00Z0	34
320H4500C15	14	MZK.1900	40		
320H5000C15	14	MZK.8800	40		
320H5500C15	14	MZM.0092.01	40		
320K3500C15	12	MZR.2000	40		
320K4000C15	12	MZR.5300.US	39		
320K4500C15	12	MZS.0040	41		
320K5000C15	12	POZI BIT #2X1	41		
320K5500C15	12	POZI BIT #2X2	41		
320M0048	33	POZI DRIVER	41		
320M0088	33	SJ5312	41		
320M0188	33	Z36H367SE01	20		
320M2700C15	10	Z36H417SE01	20		
320M3500C15	10	Z36H467SE01	20		
320M4000C15	10	Z36H517SE01	20		
320M4500C15	10	Z70.0320	30		
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