



DYNAPRO

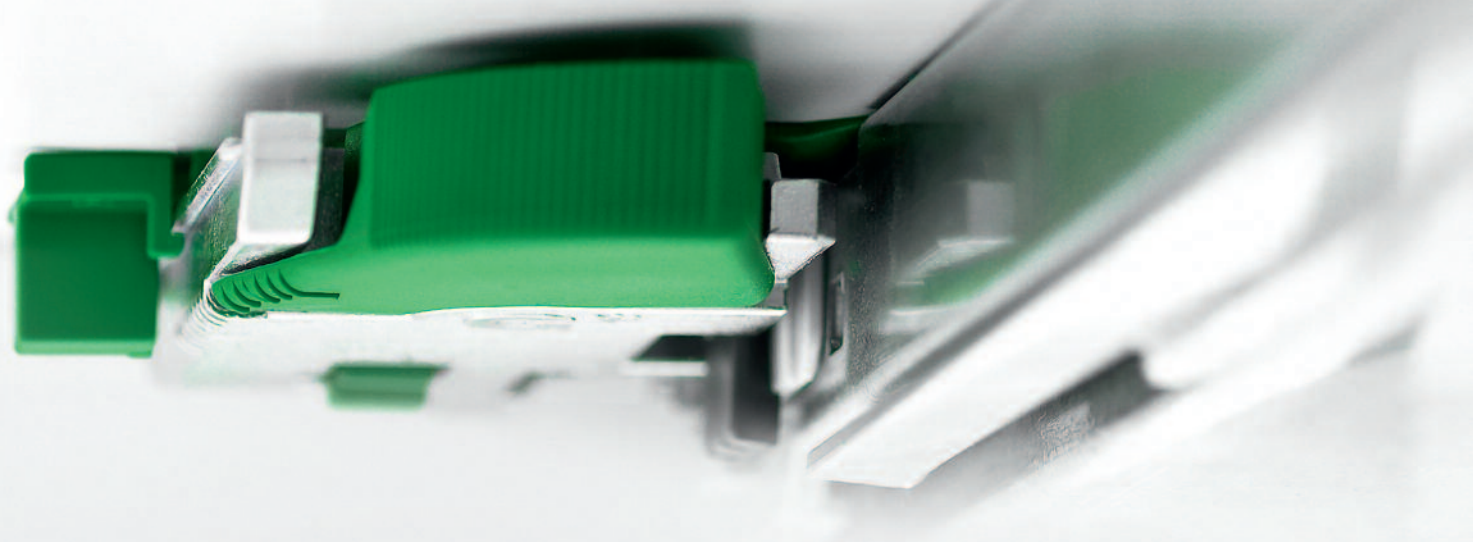


**G\*GRASS®**

## DYNAPRO SLIDE SYSTEM

A new generation of concealed undermount slides.  
Elegant, comfortable, and precision engineered.







To create a product innovation is one thing.  
To establish it is quite another. To successfully  
develop product innovations – that is our business.  
Dynapro proves that.

**Just a slight pull is all you need.**

With a drawer slide as technically advanced as the Dynapro, you will find many enhanced features. One example is the ease in which the Dynapro pulls open – and naturally the closing action is just as sophisticated with the Grass Soft-close system.



## DYNAPRO SLIDE SYSTEM

Efficient. Effective. Concealed.  
Dynapro, the new generation of  
undermount slides for wood drawers,  
combines intelligent features plus  
superb gliding action for today's  
modern cabinetry.



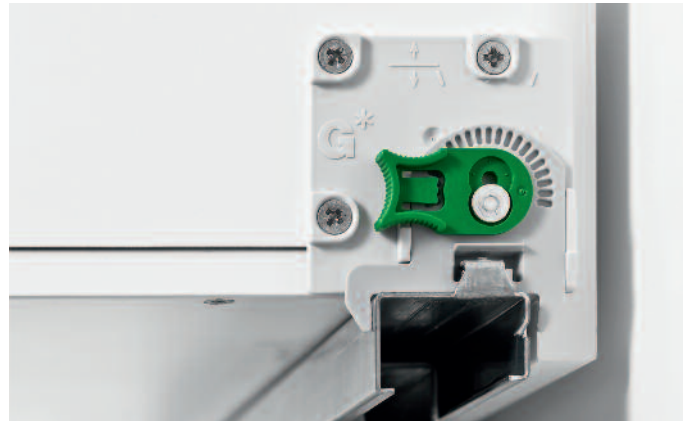
### **Synchronization achieves smooth operation without a sound.**

In contrast to conventional undermount slide systems, Dynapro is the first slide that features a synchronization mechanism. This mechanical synchronization of each individual slide ensures enhanced comfort and movement without annoying sounds or resistance. The operating function of Dynapro remains unchanged even when moving heavy loads. Loads of up to 132 pounds present no problem for Dynapro. Abrasion-resistant nylon rollers ensure smooth and even operation. Available for 16 mm drawer material or 19 mm drawer material.



### **3D adjustment option for perfect alignment: Height adjustment, Side adjustment, and Tilt adjustment.**

Dynapro undermount slide offers an integrated three-dimensional adjustment option. The drawer can be adjusted vertically, horizontally, and in the tilt angle. Three-dimensional adjustment has long been a standard for drawer systems such as Nova Pro and DWD XP. Adjustments are simple operations and easily performed without the use of tools. In short, it just takes a few tweaks to achieve perfect alignment.



The end user is not the only one who benefits from these technical developments. For installers and cabinet manufacturers, Dynapro's precise drawer front alignment is a plus.

With operating comfort, stability, maximum adjustment, quiet operation, and increased carrying capacity, Dynapro provides what today's cabinet makers and end users want most.



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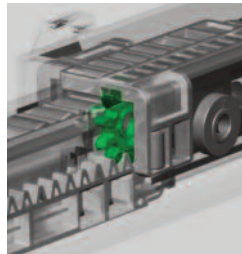
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### Features



- Uniform height position of drawer front panel regardless of weight due to the support roller.

- Synchronization for smooth, silent operation
- Ridges on drawer member and front locking devices for immediate connection
- Support roller for uniform drawer front height
- 3-D adjustment - tilt, height, and side - is simple, tool free and easily accessible
- Easy to open with a low pull-out force
- Wide drawer member provides stability between cabinet and drawer member



- Synchronization for smooth, silent operation.
- Excellent running performance, even with heavy loads, due to the world's first synchronization in concealed drawer slides.



- Ridges on the slide and front locking device connect immediately at installation for maximum connection between the drawer slide and front locking device.

- Available for 5/8" (16 mm) or 3/4" (19 mm) drawer material.

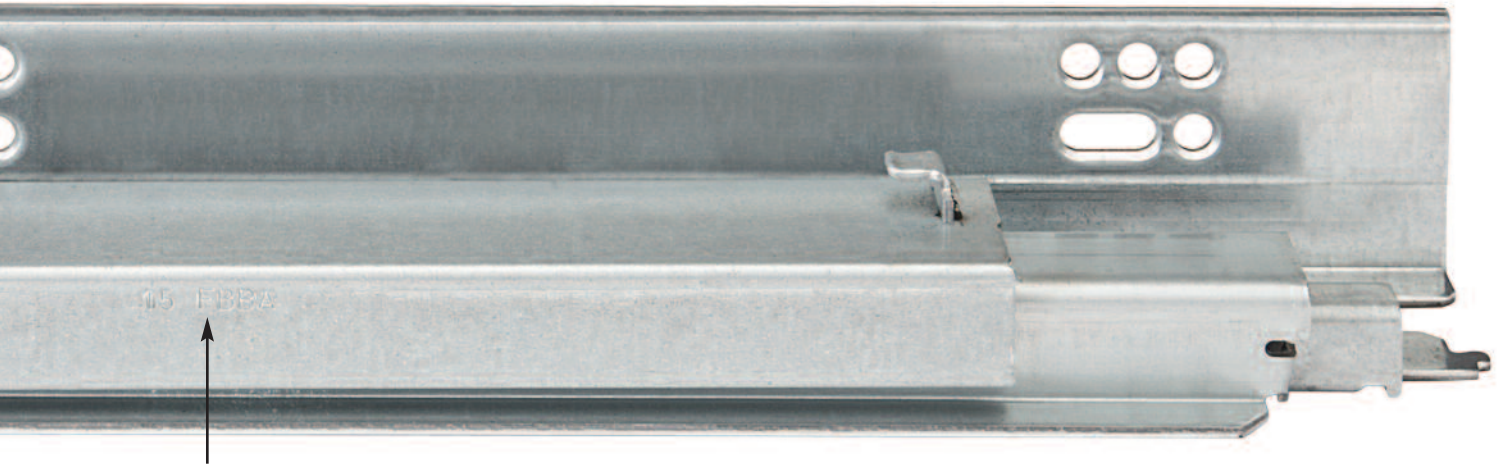
The end user is not the only one who benefits from these technical developments. For installers and cabinet manufacturers, Dynapro offers precise drawer front alignment due to the addition of the three dimensional adjustment feature.

## Features

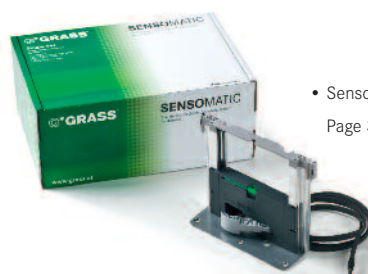
- Wear resistant nylon rollers ensure quiet and precise running characteristics
- Easy to open with a low pull out force
- Support roller for uniform drawer front height
- 88 lb dynamic load for Dynapro Standard
- 110 lb dynamic load for Dynapro Extended lengths
- 132 lb dynamic load for Dynapro Heavy Duty
- Minimal drawer front gap using the integrated 2-D adjustment
- Extended length for 27" and 30" drawers



- Superior stability provided by 31 mm wide drawer members. Suitable for drawer widths of up to 48".



- Abrasion resistant nylon rollers ensure smooth and even operation.



- Sensomatic - for handle-free drawers

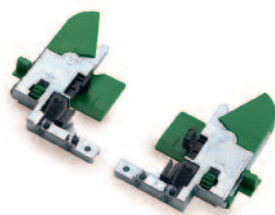
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# Technical information

## for Dynapro

### Front locking device, with height and side adjustment

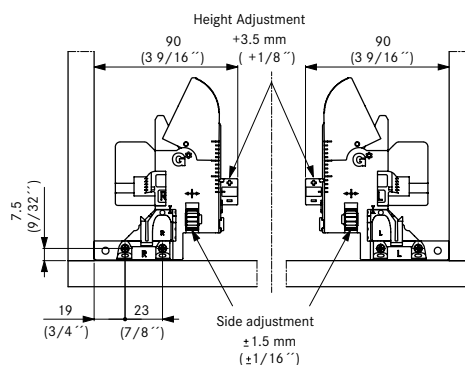
- For 2-dimensional and 3-dimensional drawers
- For standard width drawers
- For standard width inset drawers
- Minimum inside drawer width 180 (7 3/32")
- Height adjustment 3.5mm
- Side adjustment - max.  $\pm 1.5$ mm



Pre-drilling recommended

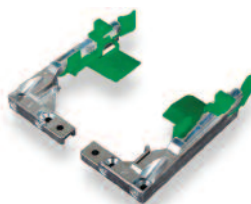
Ø2.5 mm (3/32")

Patent Pending



### Narrow front locking device, with height adjustment

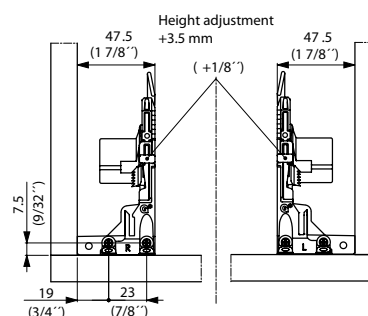
- For 1-dimensional and 2-dimensional drawers
- For narrow and standard width drawers
- For narrow and standard width inset drawers
- Minimum inside drawer width 95 mm (3 3/4")
- Height adjustment 3.5mm



Pre-drilling recommended

Ø2.5 mm (3/32")

Patent Pending



### Eco front locking device, with height adjustment

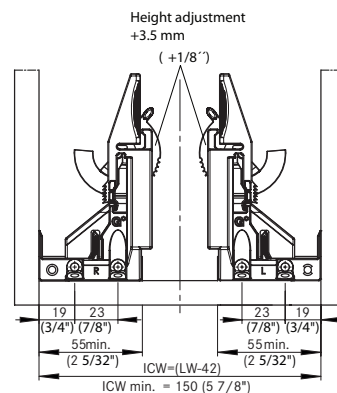
- For 1-dimensional and 2-dimensional drawers
- For standard width drawers
- For standard width inset drawers
- Minimum inside drawer width 150 mm (5 7/8")
- Height adjustment 3.5mm



Pre-drilling recommended

Ø2.5 mm (3/32")

Patent Pending



### Eco front locking device with flange, with height adjustment

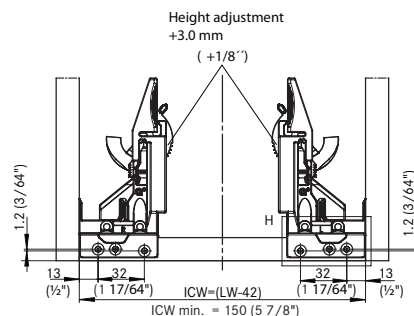
- For 1-dimensional and 2-dimensional drawers
- For standard width drawers
- For standard width inset drawers
- Minimum inside drawer width 150 mm (5 7/8")
- Height adjustment 3.0mm



Pre-drilling recommended

Ø2.5 mm (3/32")

Patent Pending





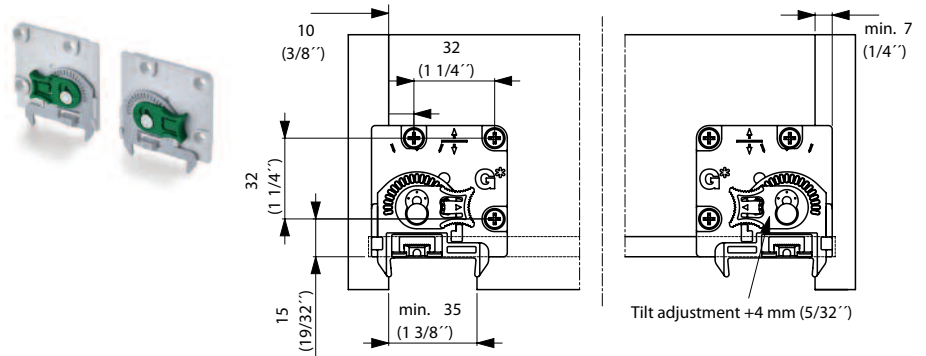
## Adjustment adapter

- Provides tilt adjustment with Dynapro 3-D, Dynapro 3-D heavy duty, and Dynapro 3-D extended lengths
- Tilt adjustment +4 mm (5/32")
- For Frameless or Face Frame application

Pre-drilling recommended

Ø2.5 mm (3/32")

Patent Pending

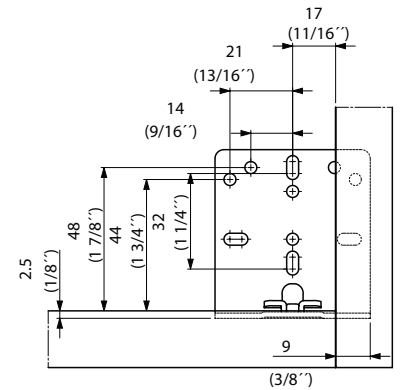


## Rear mounting socket for 12" - 21" slides

- For 12" - 21" drawers
- For Face Frame application

Pre-drilling recommended

Ø2.5 mm (3/32")

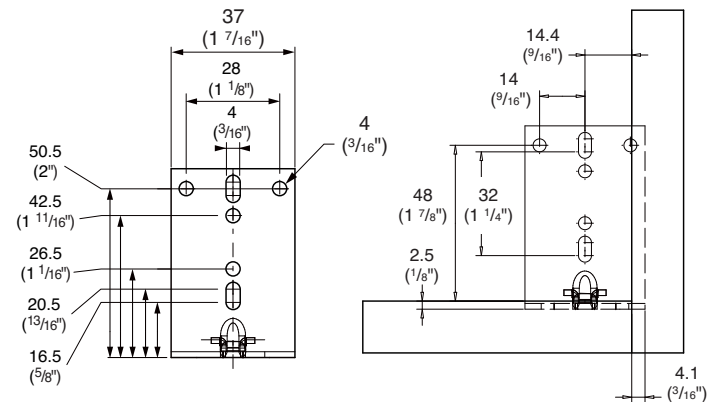


## Narrow rear mounting socket for 12" - 21" slides

- For 12" - 21" drawers
- For Face Frame application

Pre-drilling recommended

Ø2.5 mm (3/32")

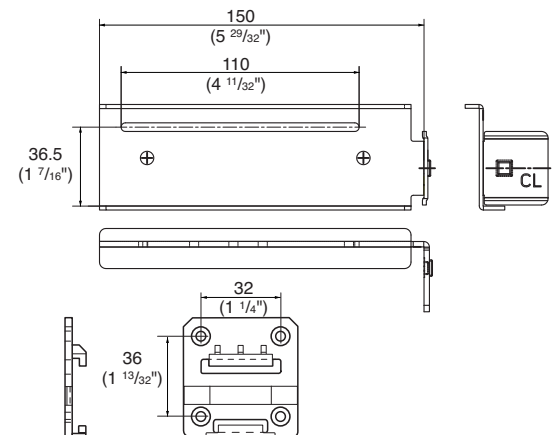


## Rear mounting socket for 9" slide

- For 9" drawer
- For Face Frame application
- For installation depth min. 269 mm (10 13/32'') to 299 mm (11 3/4'')

Pre-drilling recommended

Ø2.5 mm (3/32")

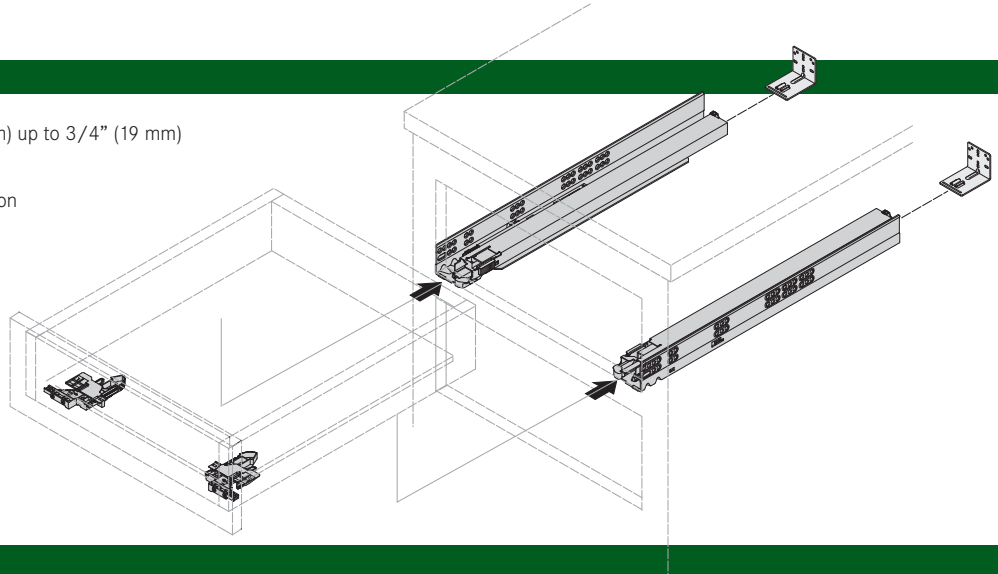


# Technical information

## for Dynapro

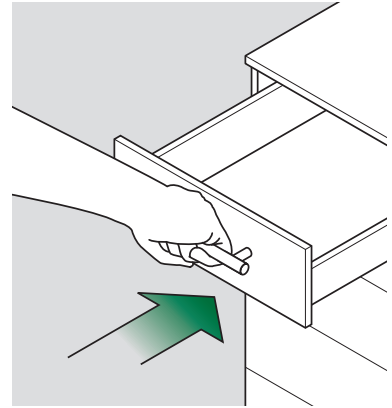
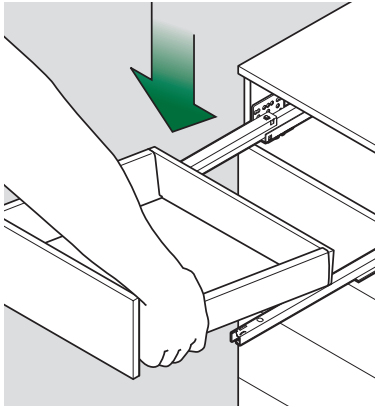
### Dynapro Application

- For drawer material from 1/2" (12.5 mm) up to 3/4" (19 mm)
- For frameless or face frame application
- Use rear socket for face frame application
- Heavy duty and extended length slides must be blocked out for face frame application



### Inserting the drawer

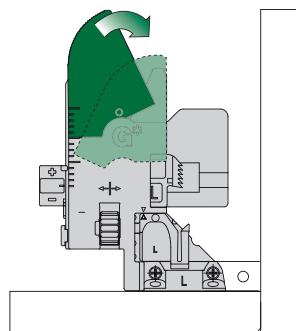
Place drawer on extended Dynapro slide and push in until it engages audibly



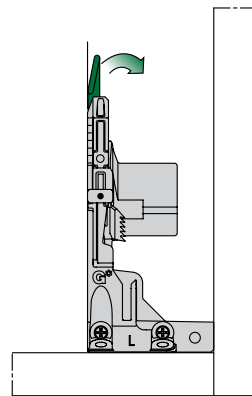
### Disengaging the drawer

Pull the drawer out, squeeze the locking device levers and lift drawer from the slide.

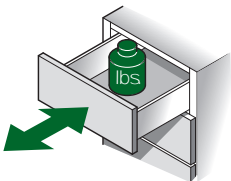
Front locking device



Narrow and Eco front locking device



### Weight Capacities per pair of slides

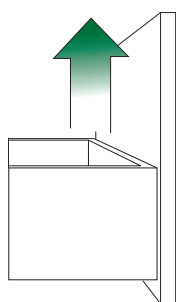


Dynapro 2-D: 88 lbs dynamic load rating  
Dynapro 3-D: 88 lbs dynamic load rating  
Dynapro 3-D Heavy Duty: 132 lbs dynamic load rating  
Dynapro 3-D Extended Lengths: 110 lbs. dynamic load rating

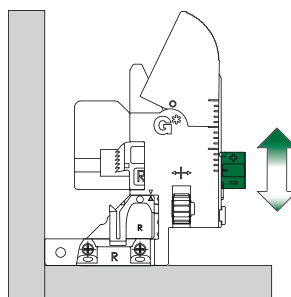
Dynapro exceeds BHMA Grade 1 testing requirements

## Height adjustment (max. +3.5 mm)

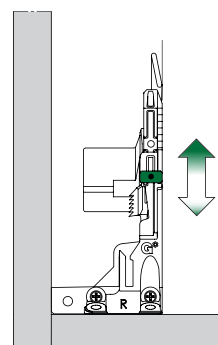
## Dynapro



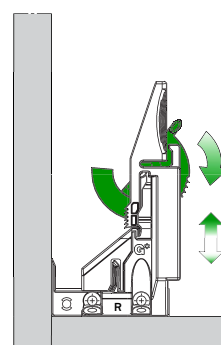
Front locking device



Narrow front locking device

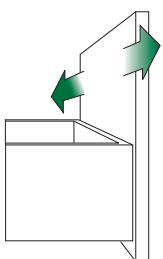


Eco front locking device



## Side adjustment (max. $\pm 1.5$ mm)

## Dynapro

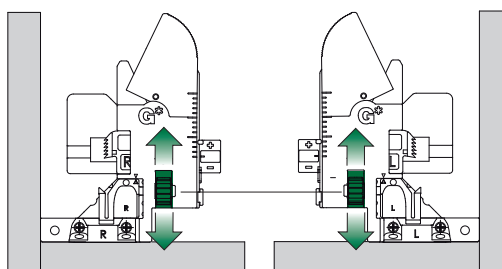


1 Adjust both wheels in the same direction

For 3-D application only:

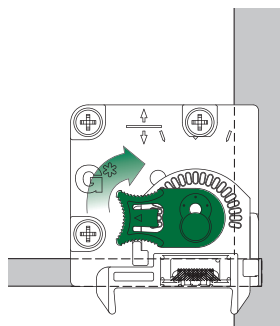
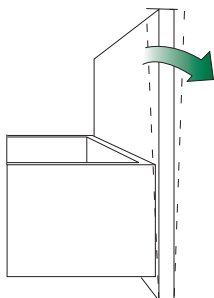
2 Disengage drawer

3 Re-attach drawer



## Tilt adjustment (max. +4.0 mm)

## Dynapro

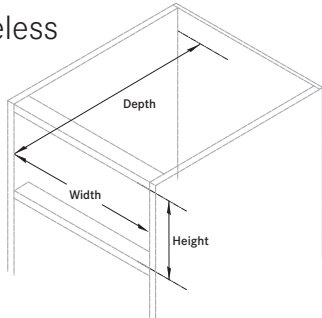


# Technical information

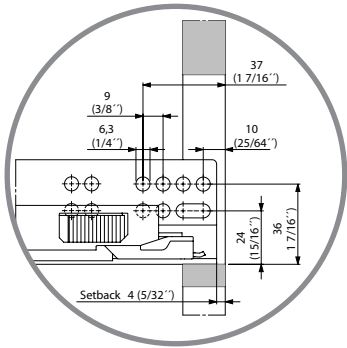
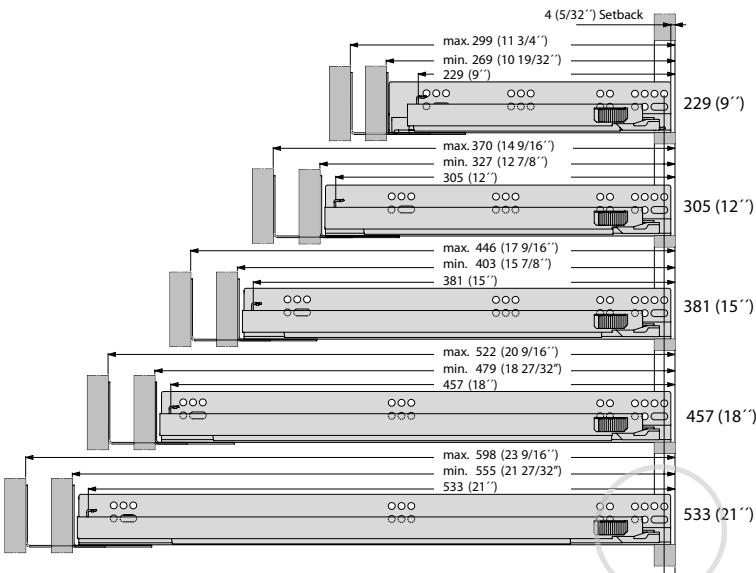
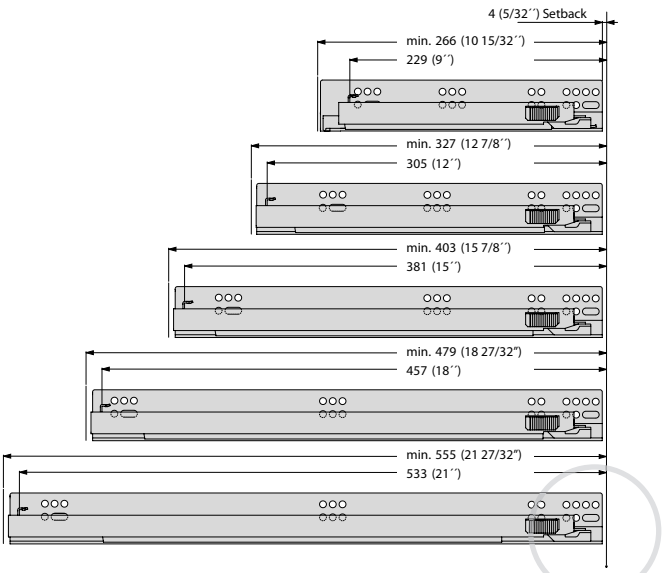
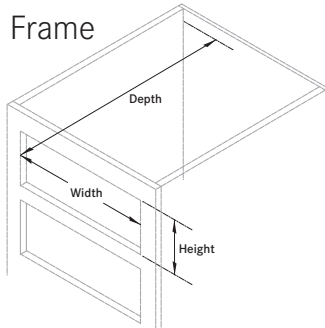
for Dynapro 2-D drawer slide

## Installation

Frameless



Face Frame



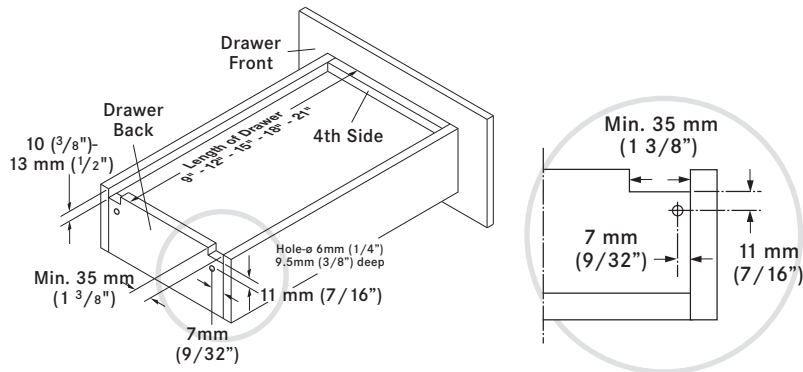
## Note

Attaching the cabinet members:

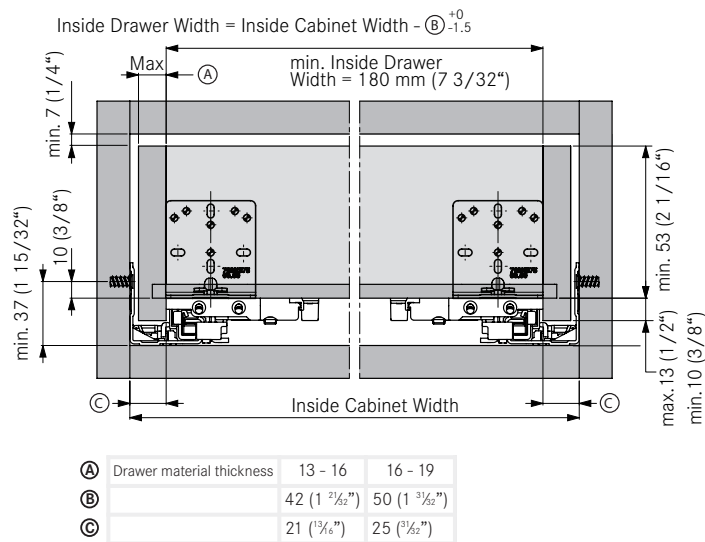
The recommendations for screws are guidelines only.  
Installers need to ensure that the cabinet wall is adequate.



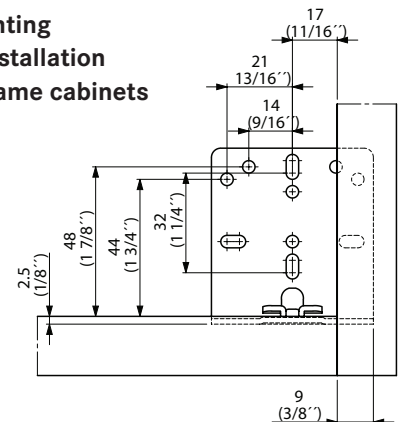
### Drawer measurements



### Drawer Installation dimensions



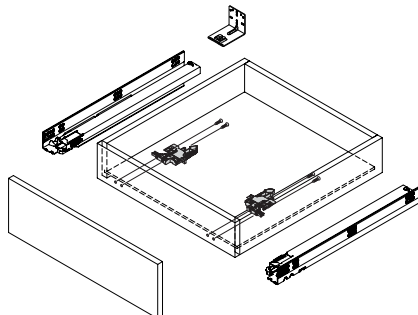
### Rear mounting bracket Installation for face frame cabinets



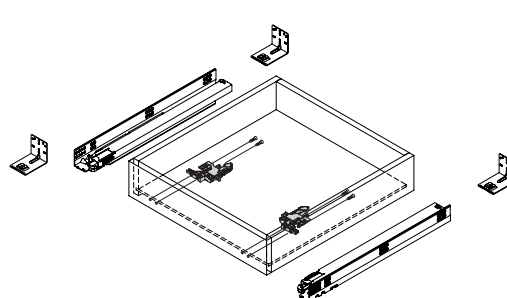
Pre-drilling recommended  
Ø2.5 mm (3/32")

### Drawer applications

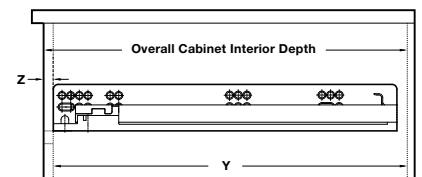
#### Four sided drawer overlay application with decorative drawer front



#### Interior drawer without decorative drawer front



#### Interior drawer measurements



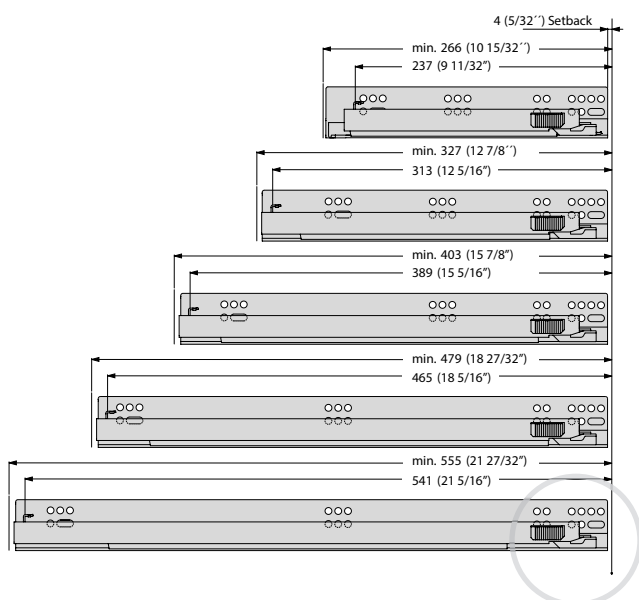
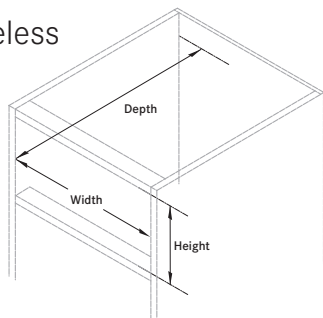
Z = Set-back. Set-back = Decorative drawer front thickness plus 5 mm (3/16")  
Y = Overall cabinet depth minus set-back

# Technical information

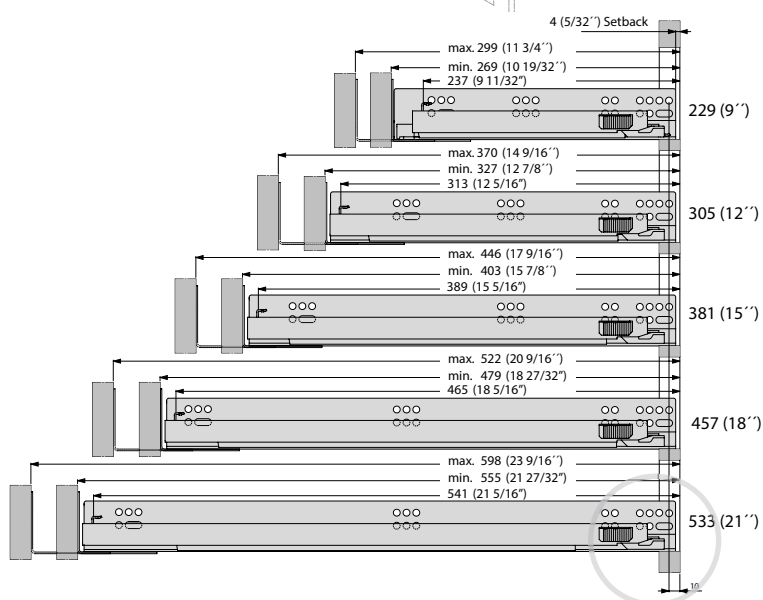
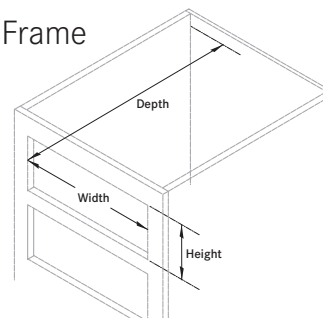
## for Dynapro 3-D drawer slide

### Installation

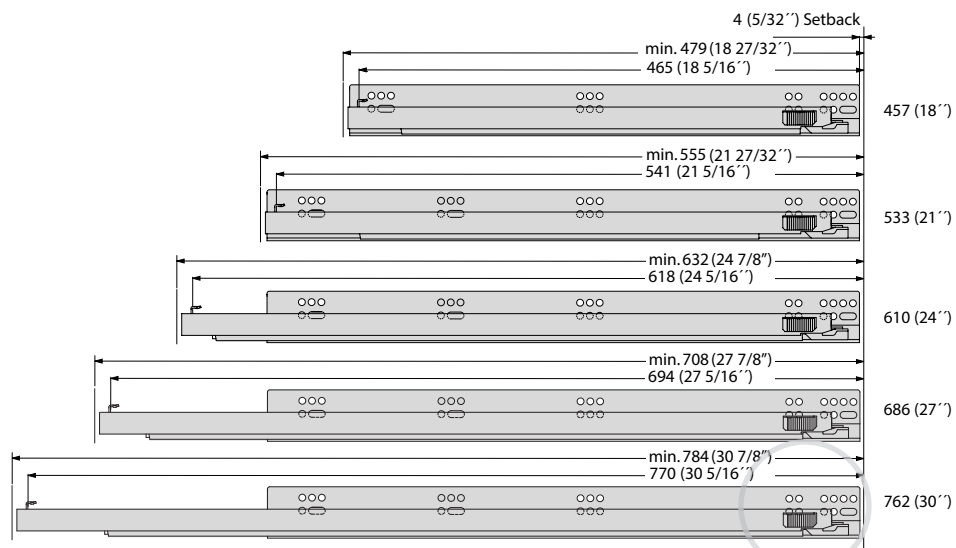
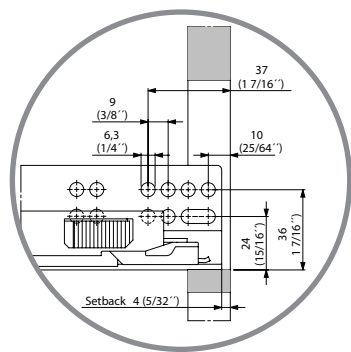
Frameless



Face Frame



Frameless Heavy Duty and Extended Lengths



### Note

#### Attaching the cabinet members:

The recommendations for screws are guidelines. Installers need to ensure that the cabinet wall is adequate.

#### NOTE:

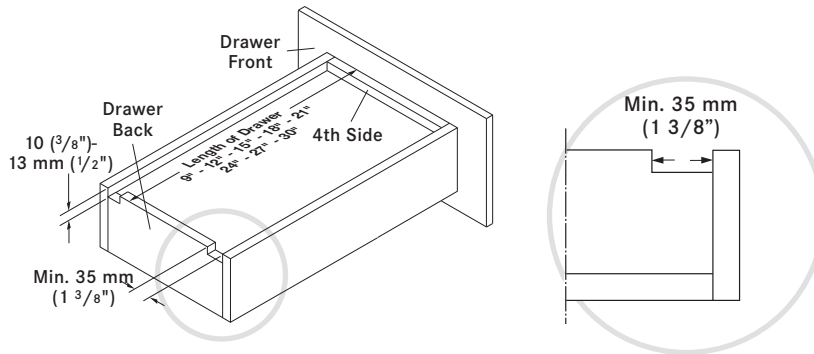
Heavy duty and extended length slides can be blocked out for face frame application.

# Technical information

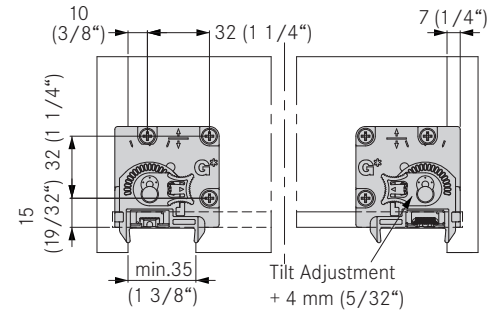


for Dynapro 3-D drawer slide

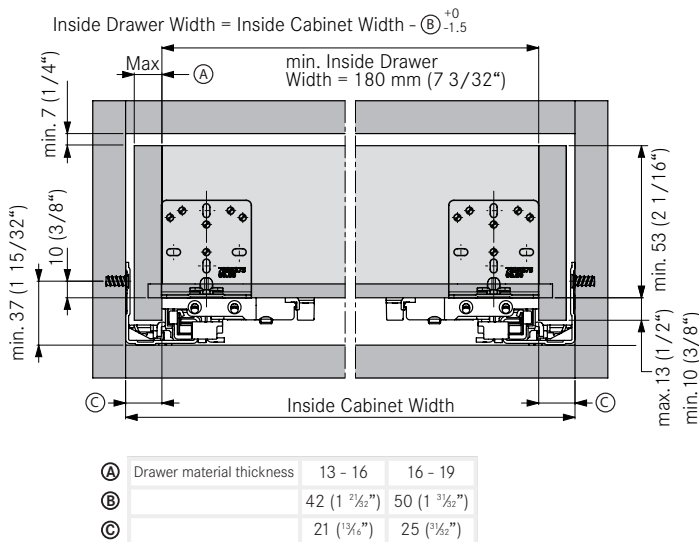
## Drawer measurements



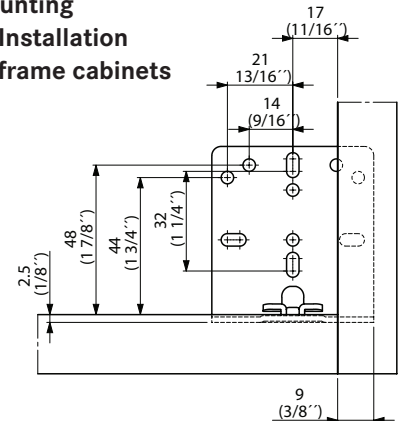
## Adjustment adapter



## Drawer Installation dimensions



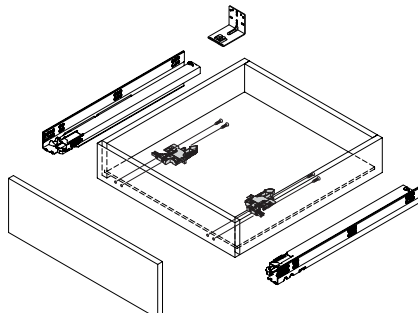
## Rear mounting bracket installation for face frame cabinets



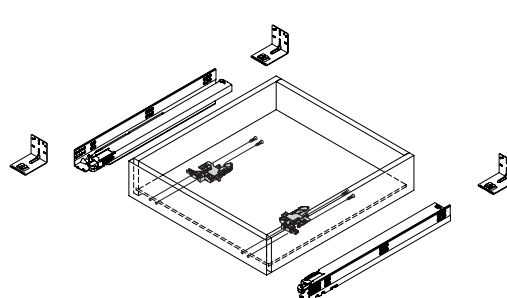
Pre-drilling recommended  
Ø2.5 mm (3/32")

## Drawer applications

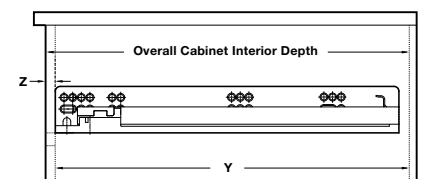
Four sided drawer overlay application with decorative drawer front



Interior drawer without decorative drawer front



Interior drawer measurements



Z = Set-back. Set-back = Decorative drawer front thickness plus 5 mm (3/16")  
Y = Overall cabinet depth minus set-back

## Dynapro 16, Full Extension Slide, 2-D, Frameless

Integrated Soft-close with 2-dimensional adjustment for 5/8" (16 mm) Drawer material



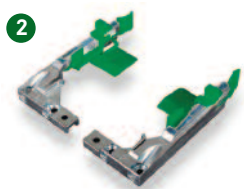
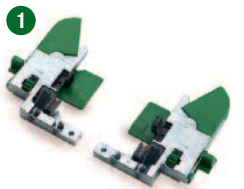
- Frameless application for 5/8" (16 mm) drawer material
- Full extension with a synchronized mechanism
- Soft-close damping system
- Maximum connection to drawer slide and front locking device
- Integrated 2-dimensional adjustment for alignment
- Height adjustment + 3.5 mm with suitable front locking device
- Side adjustment ± 1.5 mm with suitable front locking device
- 88 lbs. load rating (40 kg)

### Dynapro 16 full extension slide, 88 lbs (40 kg)



Drawer length	Nominal length	Min Installation Depth	Item No.	PU
229 (9")	262 (10 5/16")	266 (10 13/32")	<b>F130100733</b> 204	5
305 (12")	323 (12 23/32")	327 (12 7/8")	<b>F130100734</b> 204	5
381 (15")	399 (15 23/32")	403 (15 7/8")	<b>F130100735</b> 204	5
457 (18")	475 (18 11/16")	479 (18 27/32")	<b>F130100736</b> 204	5
533 (21")	551 (21 11/16")	555 (21 27/32")	<b>F130100737</b> 204	5

### Locking devices



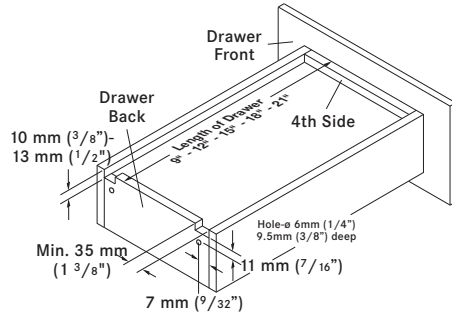
Description	Item No.	PU
(Please order separately)		
<b>1</b> Front locking device, left	<b>F134125000</b> 633	200
Front locking device, right	<b>F134125001</b> 633	200
Front locking device, left and right, set	<b>F134101400</b> 104	5
<b>2</b> Narrow front locking device, left	<b>F134100699</b> 233	200
Narrow front locking device, right	<b>F134100700</b> 233	200
<b>3</b> Eco front locking device, left	<b>F134101221</b> 233	200
Eco front locking device, right	<b>F134101222</b> 233	200
Eco front locking device, left and right, set	<b>F134101220</b> 517	5
<b>4</b> Eco front locking device with flange, left	<b>F134116420</b> 233	200
Eco front locking device with flange, right	<b>F134116421</b> 233	200

PU = Packaging Unit

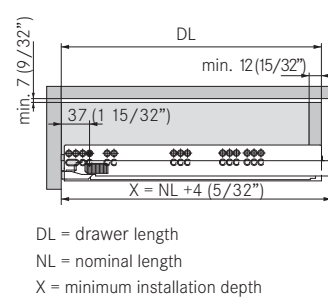


Cabinet Type	Frameless
Drawer Material Thickness	(5/8") 16 mm
Dynamic Load	88 lbs. (40 kg)
Static Load	100 lbs. (45 kg)

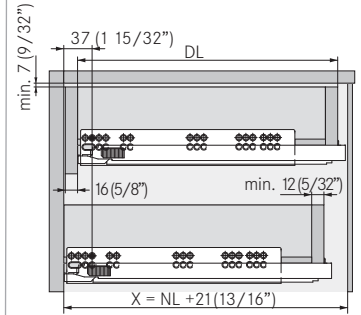
### Drawer Measurements



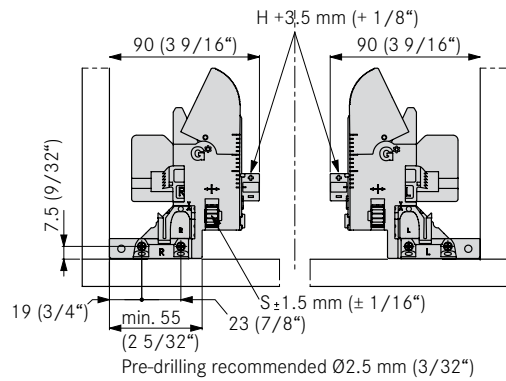
### Drawer



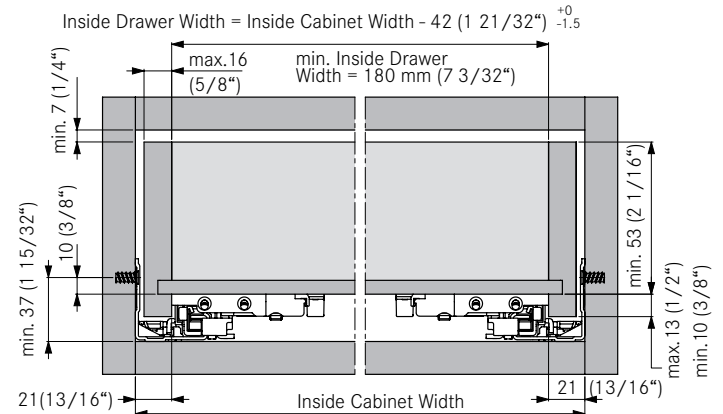
### Inset drawer



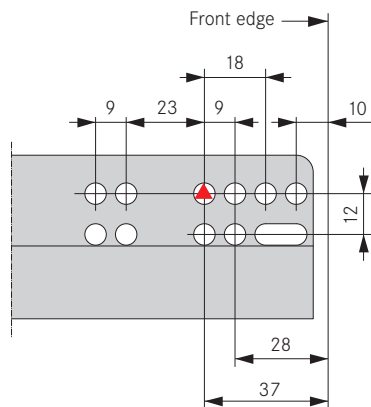
### Front locking device installation



### Drawer installation dimensions

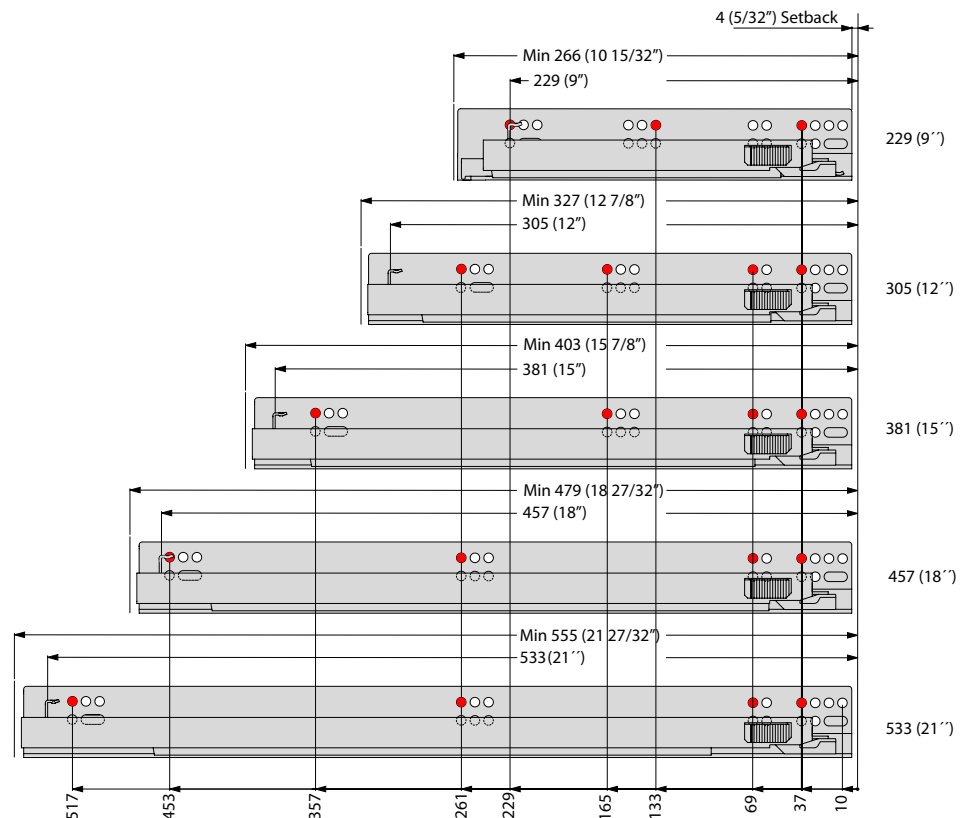


### Mounting position for front cabinet profile



Pre-drilling recommended Ø2.5 mm (3/32").

### Cabinet member boring specifications



IDW = inside drawer width  
ICW = inside cabinet width  
H = height adjustment  
S = side adjustment  
X = minimum installation depth

All dimensions in millimeters.

## Dynapro 16, Full extension slide, 2-D, Face Frame

Integrated Soft-close with 2-dimensional adjustment for 5/8" (16 mm) Drawer material



- Face frame application for 5/8" (16 mm) drawer material
- Full extension with a synchronized mechanism
- Soft-close damping system
- Maximum connection to drawer slide and front locking device
- Integrated 2-dimensional adjustment for alignment
- Height adjustment + 3.5 mm with suitable front locking device
- Side adjustment ± 1.5 mm with suitable front locking device
- 88 lbs. load rating (40 kg)

### Dynapro 16 full extension slide, 88 lbs (40 kg)



Drawer length	Nominal length	Min Installation Depth	Max Installation Depth	Item No.	PU
229 (9")	262 (10 5/8")	269 (10 19/32")	299 (11 3/4")	<b>F130100733</b> 204	5
305 (12")	323 (12 23/32")	327 (12 7/8")	370 (14 5/16")	<b>F130100734</b> 204	5
381 (15")	399 (15 23/32")	403 (15 7/8")	446 (17 5/16")	<b>F130100735</b> 204	5
457 (18")	475 (18 11/16")	479 (18 27/32")	522 (20 5/16")	<b>F130100736</b> 204	5
533 (21")	551 (21 11/16")	555 (21 27/32")	598 (23 17/32")	<b>F130100737</b> 204	5

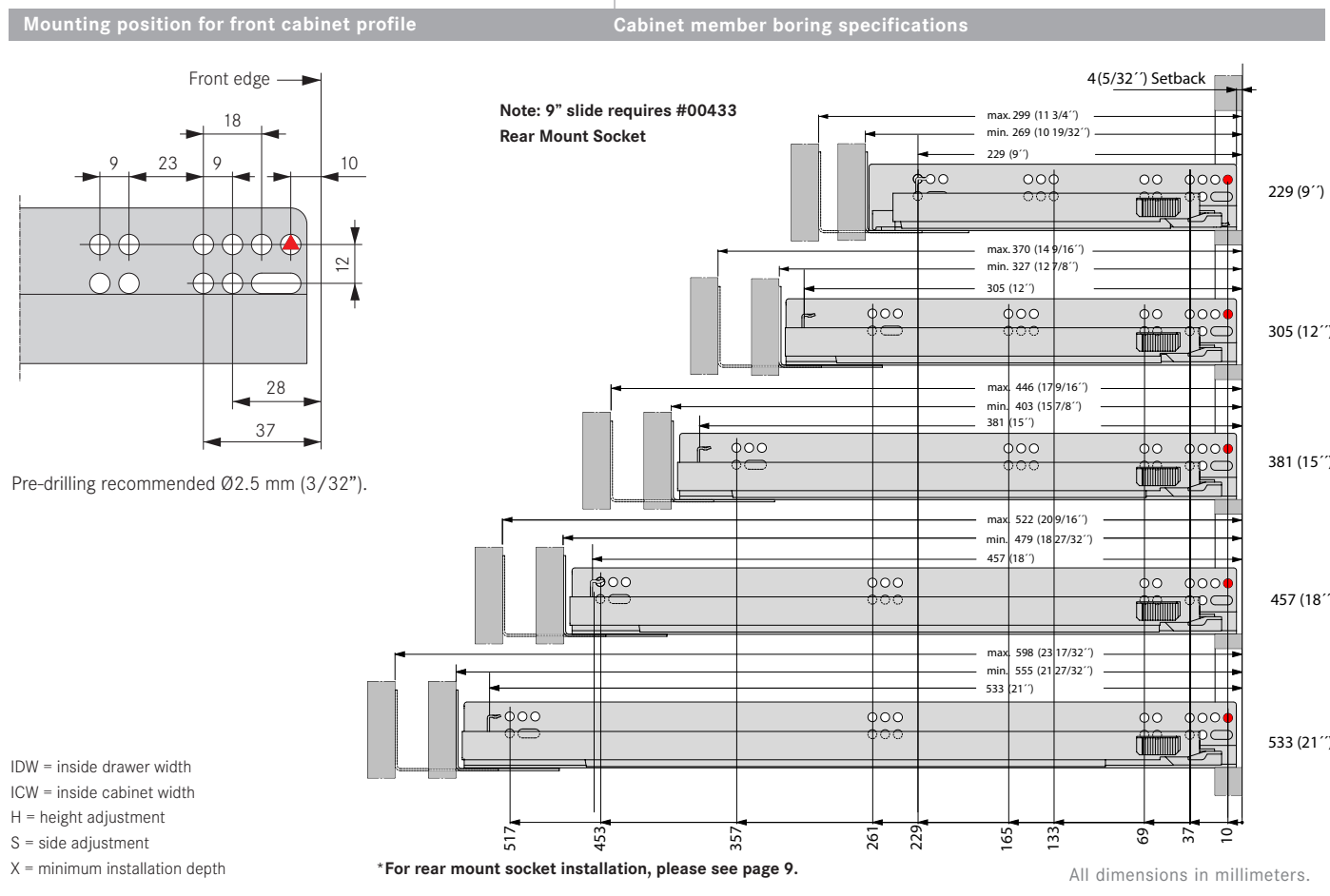
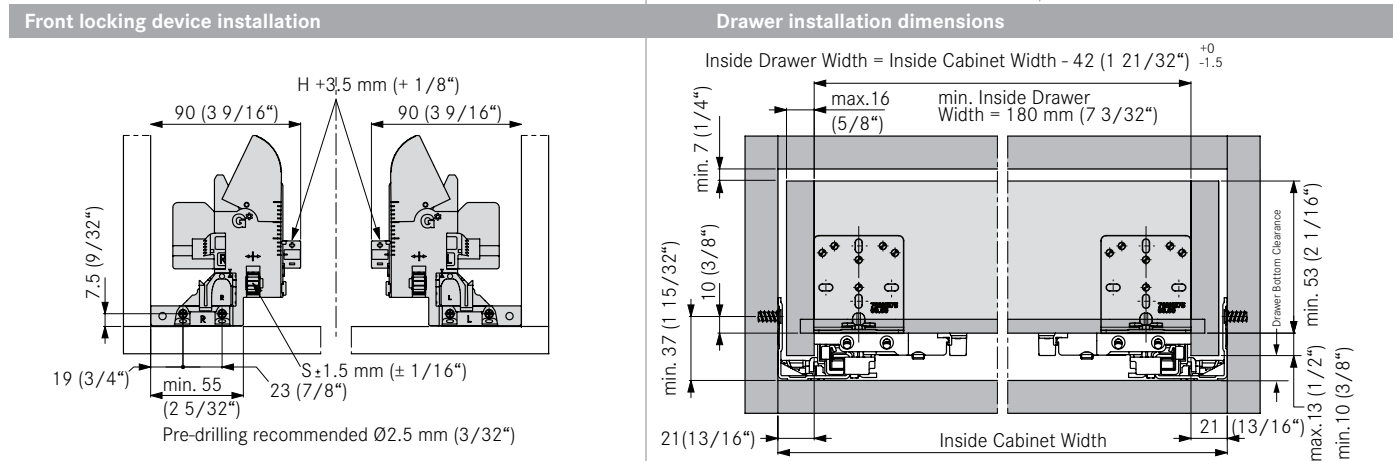
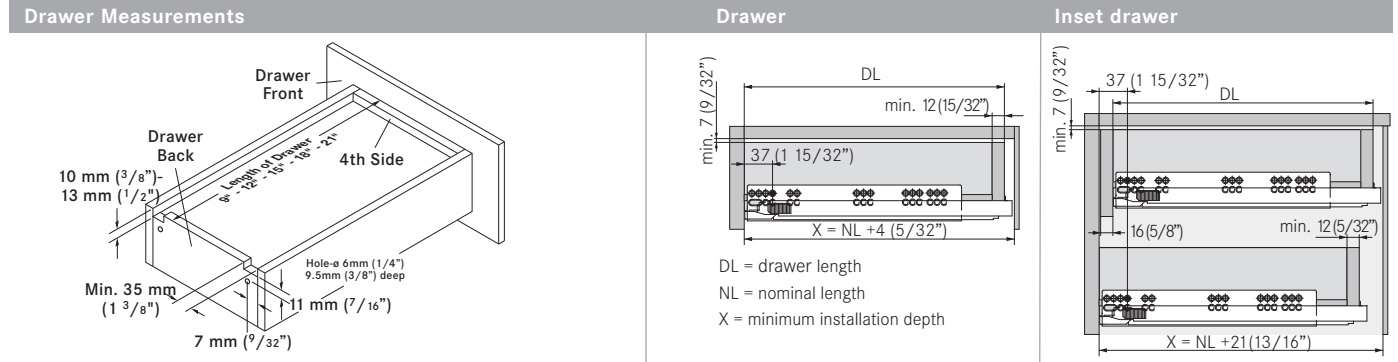
### Locking devices and rear mounting sockets



Description	Item No.	PU
(Please order separately)		
<b>1</b> Front locking device, left	<b>F134125000</b> 633	200
Front locking device, right	<b>F134125001</b> 633	200
Front locking device, left and right, set	<b>F134101400</b> 104	5
<b>2</b> Narrow front locking device, left	<b>F134100699</b> 233	200
Narrow front locking device, right	<b>F134100700</b> 233	200
<b>3</b> Eco front locking device, left	<b>F134101221</b> 233	200
Eco front locking device, right	<b>F134101222</b> 233	200
Eco front locking device, left and right, set	<b>F134101220</b> 517	5
<b>4</b> Eco front locking device with flange, left	<b>F134116420</b> 233	200
Eco front locking device with flange, right	<b>F134116421</b> 233	200
<b>5</b> Rear mounting sockets, non-handed for 12"-21" slides	7950.VE300	300
	7950.VE20	20
<b>6</b> Narrow rear mounting sockets, non-handed for 12"-21" slides	7951.VE300	300
<b>7</b> Rear mounting socket for 9" slide, set	00433-37	5
1 each left and right socket, 4 x #M5 x 8 screw		

PU = Packaging Unit

Cabinet Type	Face Frame
Drawer Material Thickness	5/8" (16mm)
Dynamic Load	88 lbs. (40 kg)
Static Load	100 lbs. (45 kg)



## Dynapro 19, Full Extension Slide, 2-D, Frameless

Integrated Soft-close with 2-dimensional adjustment for  $\frac{3}{4}$ " (19 mm) Drawer material



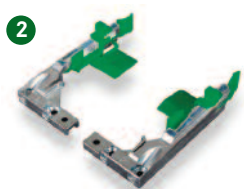
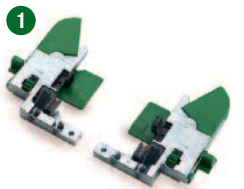
- Frameless application for  $\frac{3}{4}$ " (19 mm) drawer material
- Full extension with a synchronized mechanism
- Soft-close damping system
- Maximum connection to drawer slide and front locking device
- Integrated 2-dimensional adjustment for alignment
- Height adjustment + 3.5 mm with suitable front locking device
- Side adjustment  $\pm 1.5$  mm with suitable front locking device
- 88 lbs. load rating (40 kg)

### Dynapro 19 full extension slide, 88 lbs (40 kg)



Drawer length	Nominal length	Min Installation Depth	Item No.	PU
229 (9")	262 (10 $\frac{5}{16}$ " )	266 (10 $\frac{1}{2}$ " )	<b>F130101248204</b>	5
305 (12")	323 (12 $\frac{23}{32}$ " )	327 (12 $\frac{7}{8}$ " )	<b>F130101249204</b>	5
381 (15")	399 (15 $\frac{23}{32}$ " )	403 (15 $\frac{7}{8}$ " )	<b>F130101250204</b>	5
457 (18")	475 (18 $\frac{11}{16}$ " )	479 (18 $\frac{27}{32}$ " )	<b>F130101251204</b>	5
533 (21")	551 (21 $\frac{11}{16}$ " )	555 (21 $\frac{27}{32}$ " )	<b>F130101252204</b>	5

### Locking devices



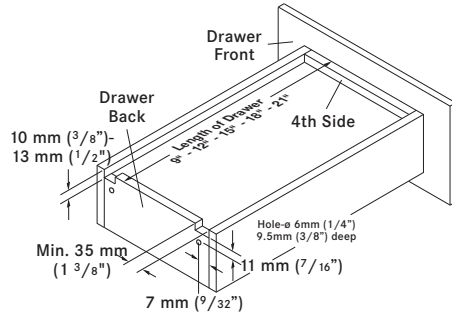
Description	Item No.	PU
(Please order separately)		
<b>1</b> Front locking device, left	<b>F134125000633</b>	200
Front locking device, right	<b>F134125001633</b>	200
Front locking device, left and right, set	<b>F134101400104</b>	5
<b>2</b> Narrow front locking device, left	<b>F134100699233</b>	200
Narrow front locking device, right	<b>F134100700233</b>	200
<b>3</b> Eco front locking device, left	<b>F134101221233</b>	200
Eco front locking device, right	<b>F134101222233</b>	200
Eco front locking device, left and right, set	<b>F134101220517</b>	5
<b>4</b> Eco front locking device with flange, left	<b>F134116420233</b>	200
Eco front locking device with flange, right	<b>F134116421233</b>	200

PU = Packaging Unit

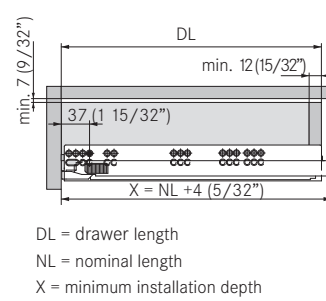


Cabinet Type	Frameless
Drawer Material Thickness	(3/4") 19 mm
Dynamic Load	88 lbs. (40 kg)
Static Load	100 lbs. (45 kg)

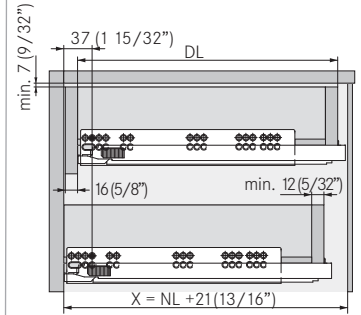
### Drawer Measurements



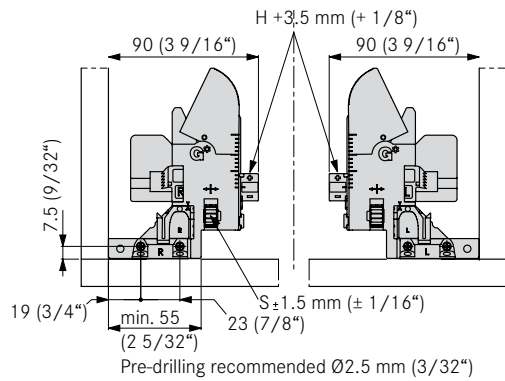
### Drawer



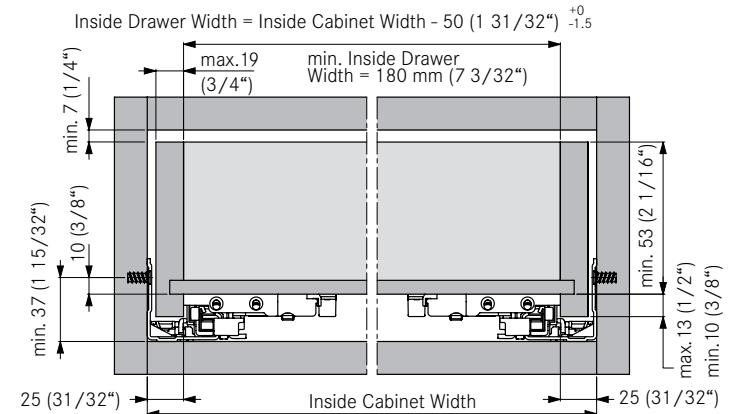
### Inset drawer



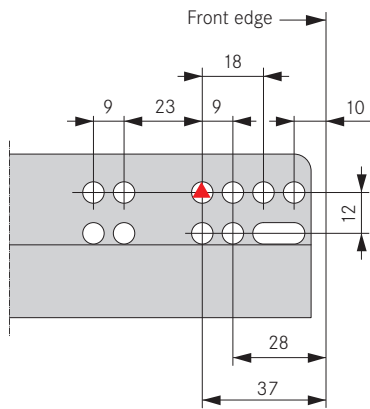
### Front locking device installation



### Drawer installation dimensions

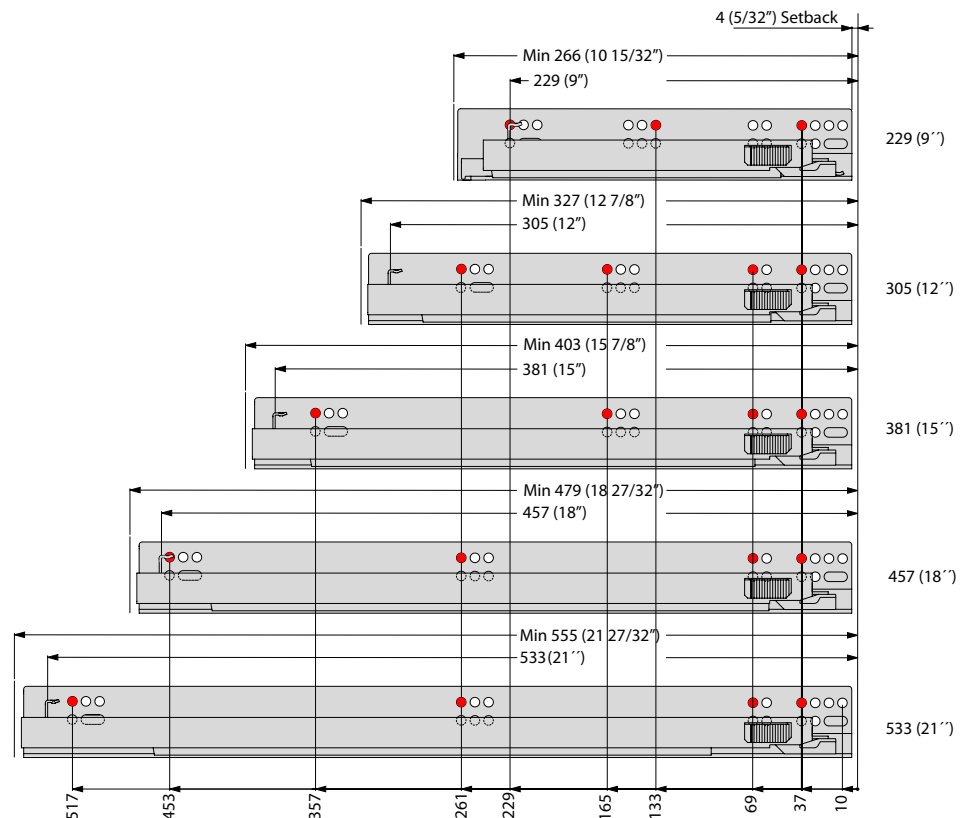


### Mounting position for front cabinet profile



Pre-drilling recommended  $\varnothing 2.5$  mm (3/32").

### Cabinet member boring specifications



IDW = inside drawer width  
ICW = inside cabinet width  
H = height adjustment  
S = side adjustment  
X = minimum installation depth

All dimensions in millimeters.

# Dynapro 19, Full extension slide, 2-D, Face Frame

Integrated Soft-close with 2-dimensional adjustment for ¾" (19 mm) Drawer material



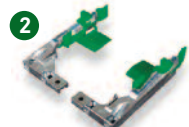
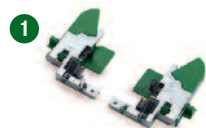
- Face frame application for ¾" (19 mm) drawer material
- Full extension with a synchronized mechanism
- Soft-close damping system
- Maximum connection to drawer slide and front locking device
- Integrated 2-dimensional adjustment for alignment
- Height adjustment + 3.5 mm with suitable front locking device
- Side adjustment ± 1.5 mm with suitable front locking device
- 88 lbs. load rating (40 kg)

## Dynapro 19 full extension slide, 88 lbs (40 kg)



Drawer length	Nominal length	Min Installation Depth	Max Installation Depth	Item No.	PU
229 (9")	262 (10 ¼")	269 (10 ½")	299 (11 ¾")	<b>F130101248204</b>	5
305 (12")	323 (12 ⅝")	327 (12 ⅞")	370 (14 ⅝")	<b>F130101249204</b>	5
381 (15")	399 (15 ⅝")	403 (15 ⅞")	446 (17 ⅝")	<b>F130101250204</b>	5
457 (18")	475 (18 ⅞")	479 (18 ⅞")	522 (20 ⅝")	<b>F130101251204</b>	5
533 (21")	551 (21 ⅞")	555 (21 ⅞")	598 (23 ⅞")	<b>F130101252204</b>	5

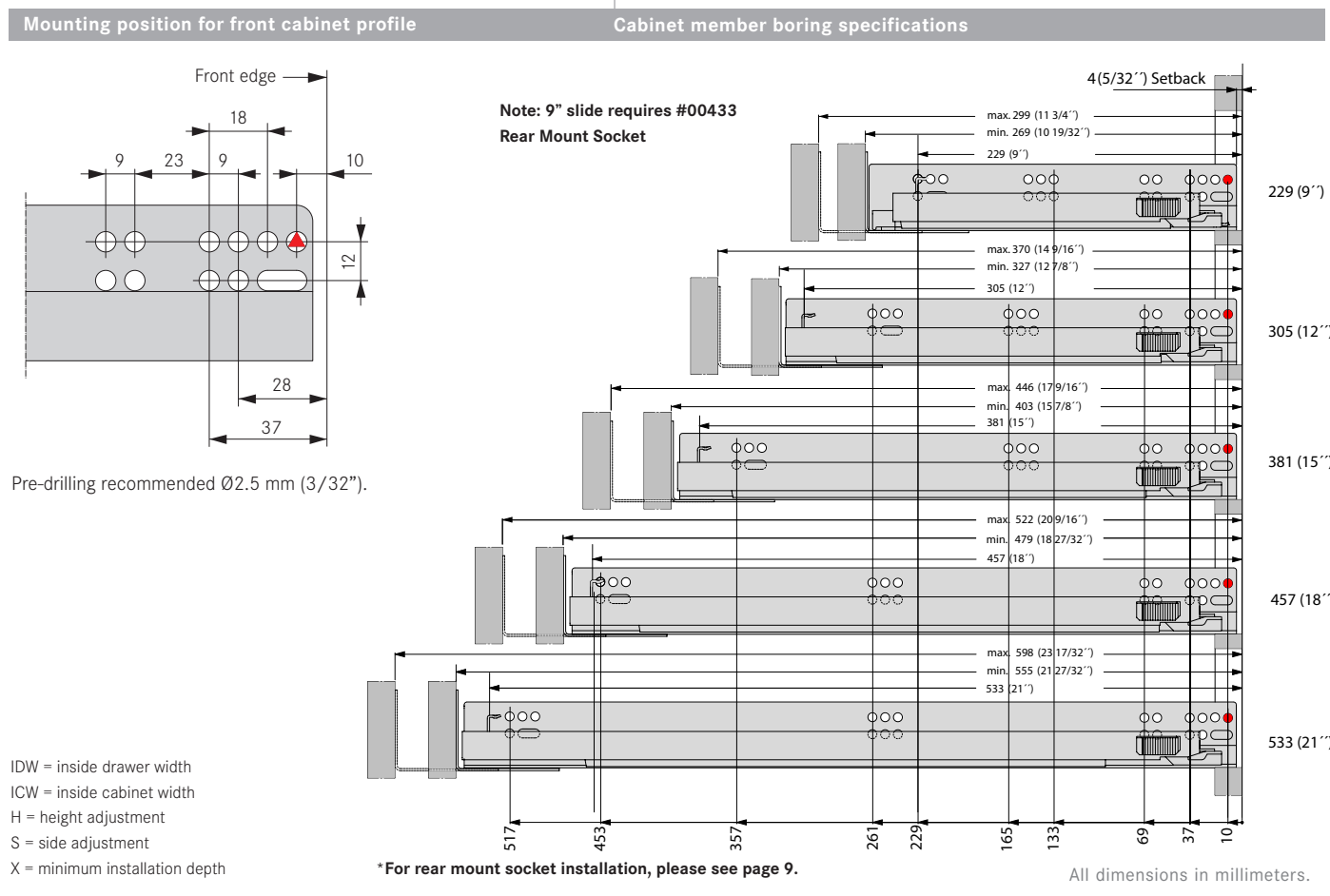
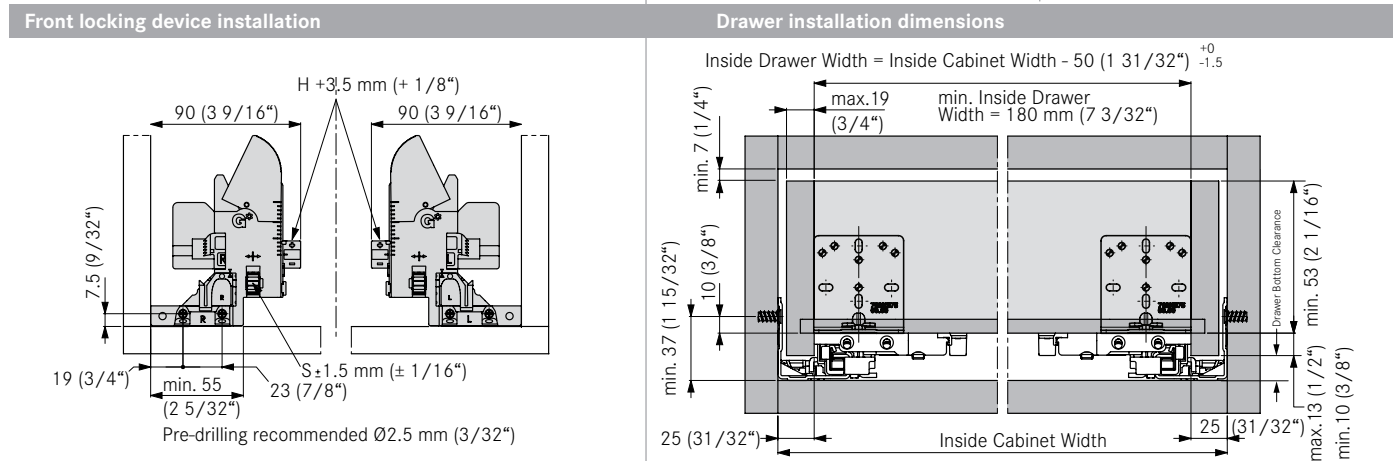
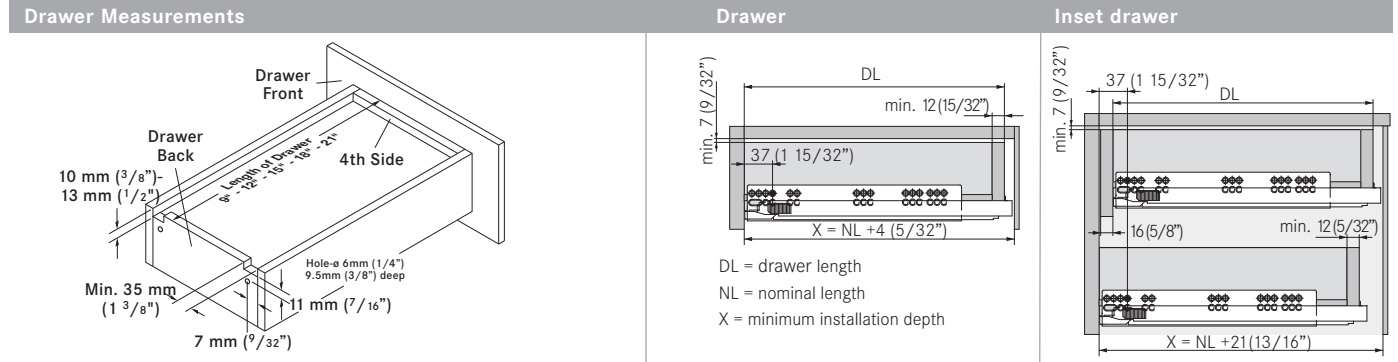
## Locking devices and rear mounting sockets



Description	Item No.	PU
(Please order separately)		
<b>1</b> Front locking device, left	<b>F134125000633</b>	200
Front locking device, right	<b>F134125001633</b>	200
Front locking device, left and right, set	<b>F134101400104</b>	5
<b>2</b> Narrow front locking device, left	<b>F134100699233</b>	200
Narrow front locking device, right	<b>F134100700233</b>	200
<b>3</b> Eco front locking device, left	<b>F134101221233</b>	200
Eco front locking device, right	<b>F134101222233</b>	200
Eco front locking device, left and right, set	<b>F134101220517</b>	5
<b>4</b> Eco front locking device with flange, left	<b>F134116420233</b>	200
Eco front locking device with flange, right	<b>F134116421233</b>	200
<b>5</b> Rear mounting sockets, non-handed for 12"-21" slides	7950.VE300	300
	7950.VE20	20
<b>6</b> Narrow rear mounting sockets, non-handed for 12"-21" slides	7951.VE300	300
<b>7</b> Rear mounting socket for 9" slide, set	00433-37	5
1 each left and right socket, 4 x #M5 x 8 screw		

PU = Packaging Unit

Cabinet Type	Face Frame
Drawer Material Thickness	3/4" (19mm)
Dynamic Load	88 lbs. (40 kg)
Static Load	100 lbs. (45 kg)



## Dynapro 16, Full Extension Slide, 3-D, Frameless

Integrated Soft-close with 3-dimensional tilt adjustment for  $\frac{5}{8}$ " (16 mm) Drawer material



- Frameless application for  $\frac{5}{8}$ " (16 mm) drawer material
- Full extension with a synchronized mechanism
- Soft-close damping system
- Maximum connection drawer slide and front locking device
- Integrated 3-dimensional adjustment for alignment
- Height adjustment + 3.5 mm
- Side adjustment  $\pm 1.5$  mm
- Tilt adjustment + 4.0 mm
- 88 lbs. load rating (40 kg)

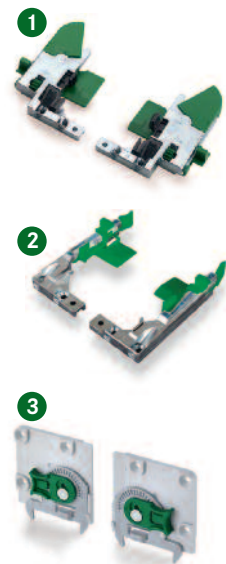
### Dynapro 16 full extension slide, 88 lbs. (40 kg)



Drawer length	Nominal length	Min installation depth	Item No.	PU
229 (9")	262 (10 $\frac{5}{16}$ ")	266 (10 $\frac{5}{16}$ ")	<b>F130100725</b> 204	5
305 (12")	323 (12 $\frac{23}{32}$ ")	327 (12 $\frac{7}{8}$ ")	<b>F130100726</b> 204	5
381 (15")	399 (15 $\frac{23}{32}$ ")	403 (15 $\frac{7}{8}$ ")	<b>F130100727</b> 204	5
457 (18")	475 (18 $\frac{1}{4}$ ")	479 (18 $\frac{23}{32}$ ")	<b>F130100728</b> 204	5
533 (21")	551 (21 $\frac{1}{4}$ ")	555 (21 $\frac{23}{32}$ ")	<b>F130100729</b> 204	5

For extended lengths, 686 (27") and 762 (30"), see page 32.

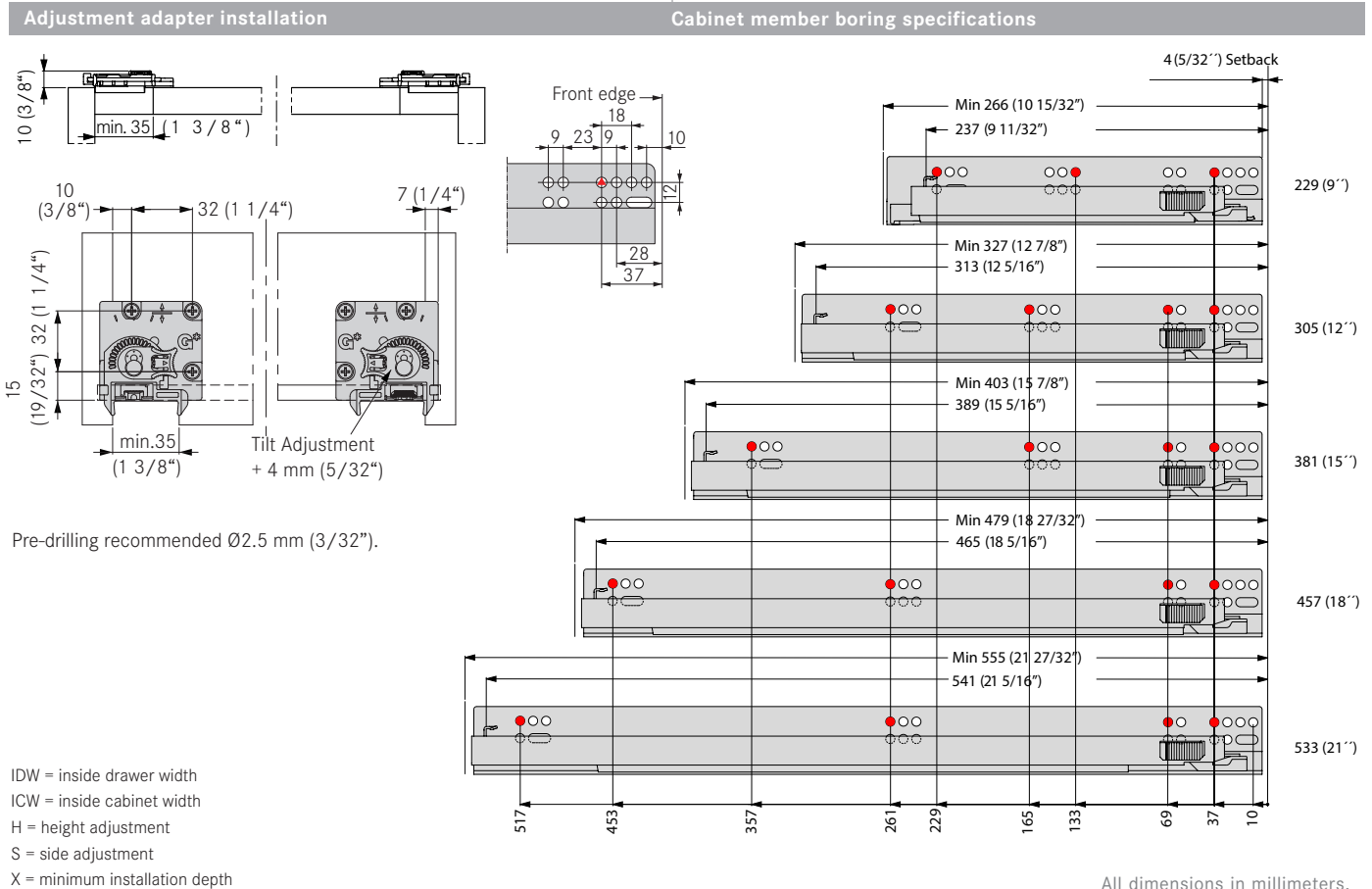
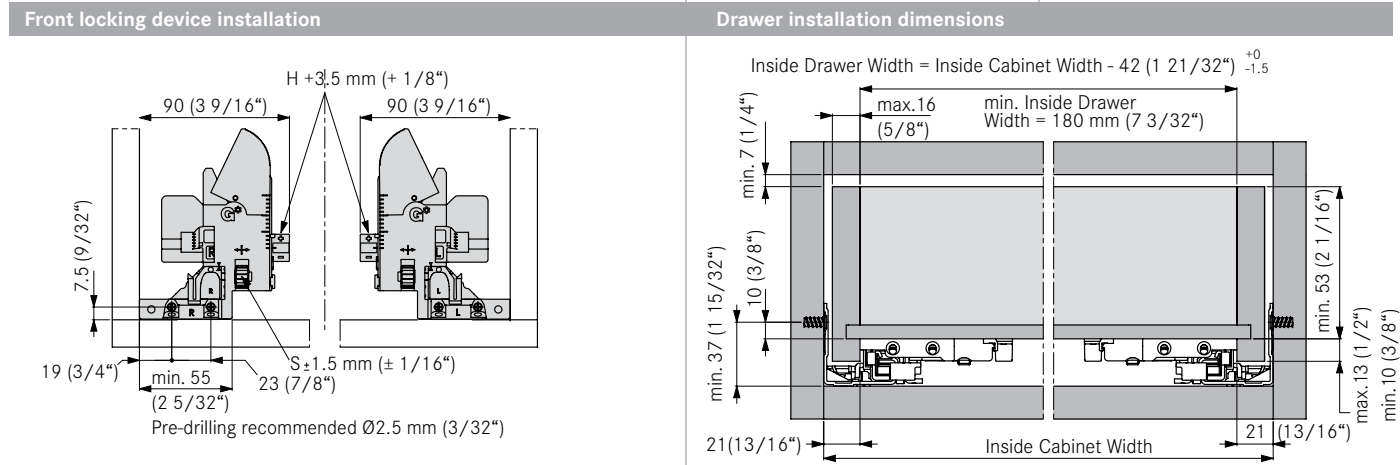
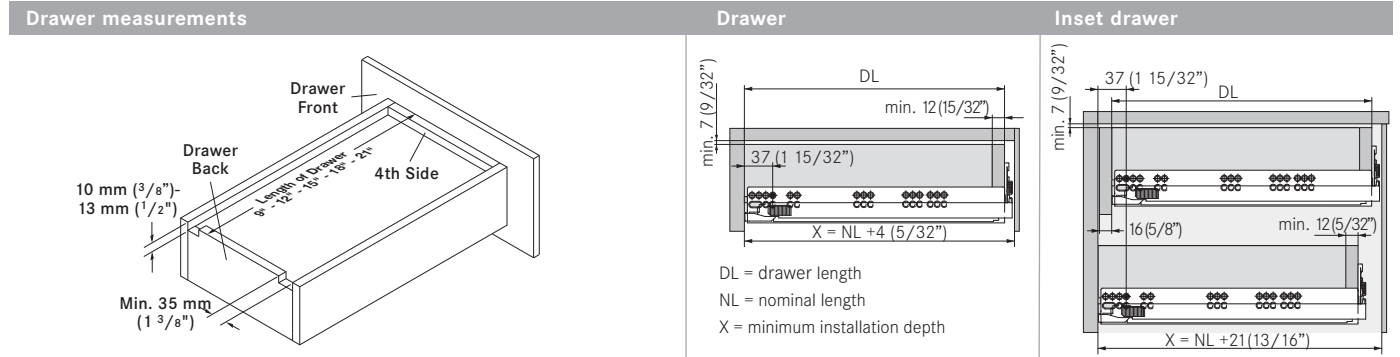
### Locking devices and tilt adjustment adapter



Description	Item No.	PU
(Please order separately)		
Front locking device, left	<b>F134125000</b> 633	200
<b>1</b> Front locking device, right	<b>F134125001</b> 633	200
Front locking device, left and right set	<b>F134101400</b> 104	5
<b>2</b> Narrow front locking device, left	<b>F134100699</b> 233	200
Narrow front locking device, right	<b>F134100700</b> 233	200
<b>3</b> Adjustment adapter, left	<b>F134125002</b> 233	200
Adjustment adapter, right	<b>F134125003</b> 233	200
<b>4</b> Front locking device and adjustment adapter set	<b>F134125074</b> 517	1
Set includes <b>1</b> Front locking device, and <b>3</b> Adjustment adapter		

PU = Packaging Unit

Cabinet Type	Frameless
Drawer Material Thickness	5/8" (16mm)
Dynamic Load	88 lbs. (40 kg)
Static Load	100 lbs. (45 kg)
Adapter	Tilt Adjustment



All dimensions in millimeters.

## Dynapro 16, Full extension slide, 3-D, Face Frame

Integrated Soft-close with 3-dimensional tilt adjustment for  $\frac{5}{8}$ " (16 mm) Drawer material



- Face frame application for  $\frac{5}{8}$ " (16 mm) drawer material
- Full extension with a synchronized mechanism
- Soft-close damping system
- Maximum connection to drawer slide and front locking device
- Integrated 3-dimensional adjustment for alignment
- Height adjustment + 3.5 mm
- Side adjustment  $\pm 1.5$  mm
- Tilt adjustment + 4.0 mm
- 88 lbs. load rating (40 kg)

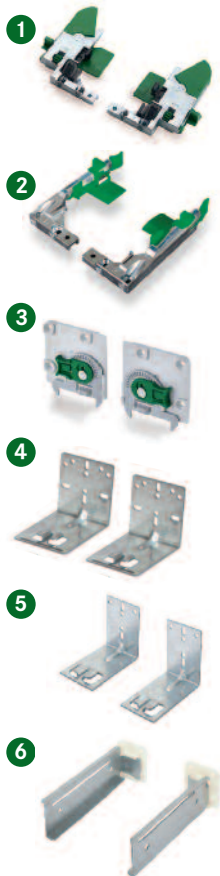
### Dynapro 16 full extension slide, 88 lbs (40 kg)



Drawer length	Nominal length	Min Installation Depth	Max Installation Depth	Item No.	PU
229 (9")	262 (10 $\frac{5}{16}$ ")	269 (10 $\frac{13}{32}$ ")	299 (11 $\frac{3}{4}$ ")	<b>F130100725</b> 204	5
305 (12")	323 (12 $\frac{23}{32}$ ")	327 (12 $\frac{7}{8}$ ")	370 (14 $\frac{5}{16}$ ")	<b>F130100726</b> 204	5
381 (15")	399 (15 $\frac{23}{32}$ ")	403 (15 $\frac{7}{8}$ ")	446 (17 $\frac{5}{16}$ ")	<b>F130100727</b> 204	5
457 (18")	475 (18 $\frac{11}{16}$ ")	479 (18 $\frac{27}{32}$ ")	522 (20 $\frac{5}{16}$ ")	<b>F130100728</b> 204	5
533 (21")	551 (21 $\frac{11}{16}$ ")	555 (21 $\frac{27}{32}$ ")	598 (23 $\frac{17}{32}$ ")	<b>F130100729</b> 204	5

For extended lengths, 686 (27") and 762 (30"), see page 32.

### Locking devices and rear adjustment adapter

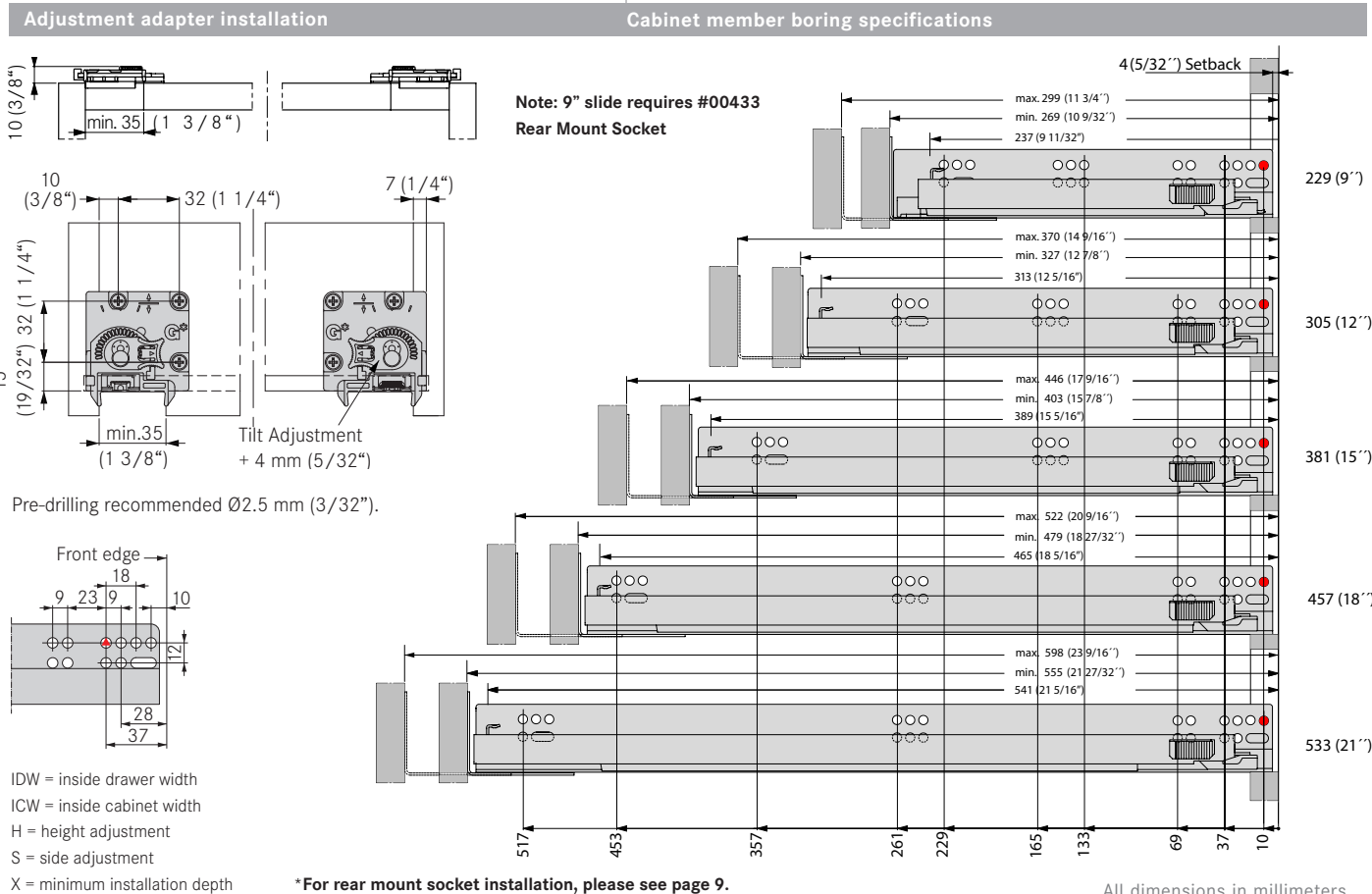
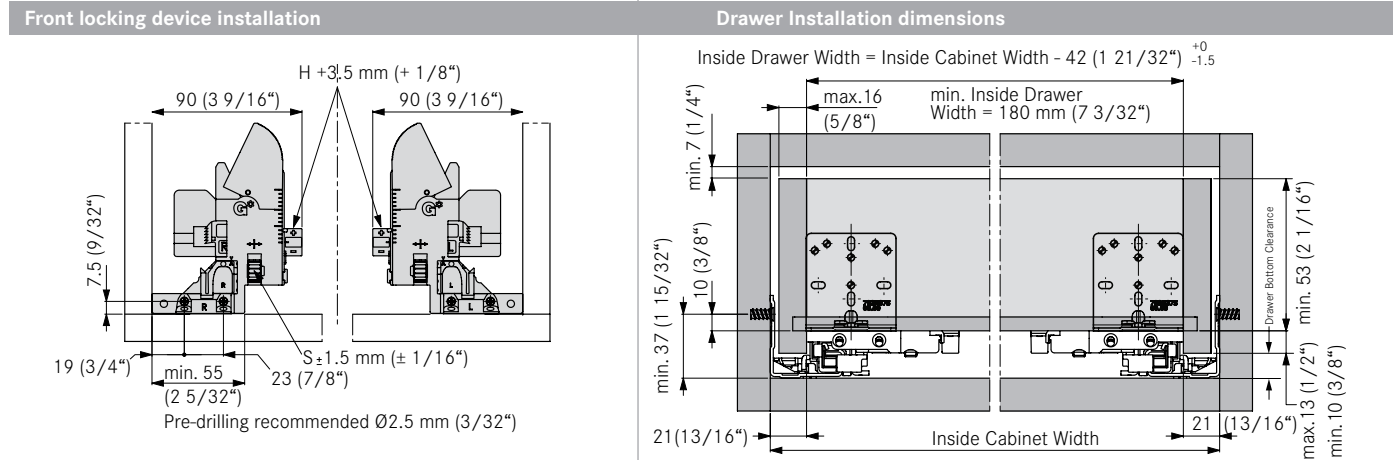
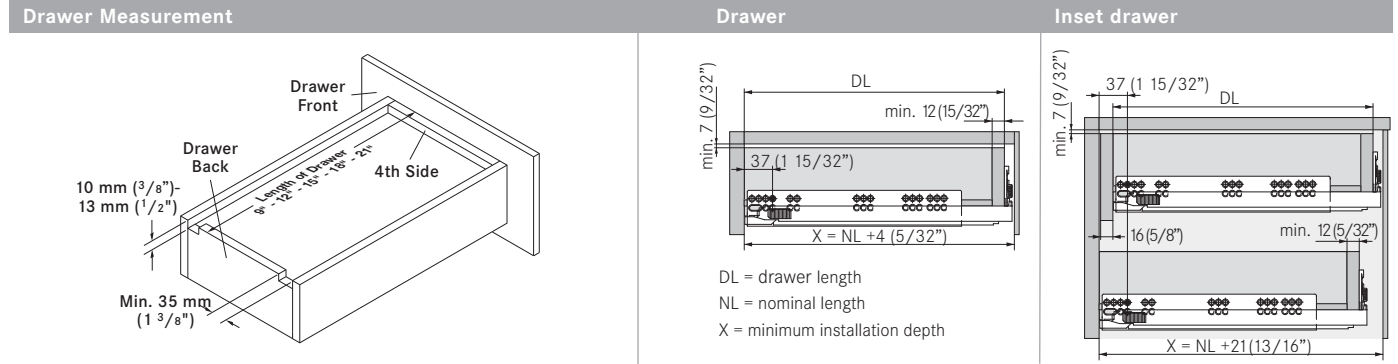


Description	Item No.	PU
(Please order separately)		
Front locking device, left	<b>F134125000</b> 633	200
<b>1</b> Front locking device, right	<b>F134125001</b> 633	200
Front locking device, left and right, set	<b>F134101400</b> 104	5
<b>2</b> Narrow front locking device, left	<b>F134100699</b> 233	200
Narrow front locking device, right	<b>F134100700</b> 233	200
<b>3</b> Adjustment adapter, left	<b>F134125002</b> 233	200
Adjustment adapter, right	<b>F134125003</b> 233	200
<b>4</b> Rear mounting sockets, non-handed for 12"-21" slides	7950.VE300	300
	7950.VE20	20
<b>5</b> Narrow rear mounting sockets, non-handed for 12"-21" slides	7951.VE300	300
<b>6</b> Rear mounting socket for 9" slide, set	00433-37	5
1 each left and right socket, 4 #M5 x 8 screws		
<b>7</b> Front locking device and adjustment adapter set	<b>F134125074</b> 517	1
Set includes <b>1</b> Front locking device, and <b>3</b> Adjustment adapter		

PU = Packaging Unit



Cabinet Type	Face Frame
Drawer Material Thickness	5/8" (16 mm)
Dynamic Load	88 lbs. (40 kg)
Static Load	100 lbs. (45 kg)
Adapter	Tilt Adjustment



## Dynapro 19, Full Extension Slide, 3-D, Frameless

Integrated Soft-close with 3-dimensional tilt adjustment for ¾" (19 mm) Drawer material



- Frameless application for ¾" (19 mm) drawer material
- Full extension with a synchronized mechanism
- Soft-close damping system
- Maximum connection drawer slide and front locking device
- Integrated 3-dimensional adjustment for alignment
- Height adjustment + 3.5 mm
- Side adjustment ± 1.5 mm
- Tilt adjustment + 4.0 mm
- 88 lbs. load rating (40 kg)

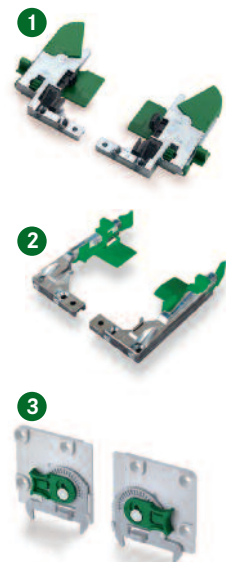
### Dynapro 19 full extension slide, 88 lbs. (40 kg)



Drawer length	Nominal length	Min installation depth	Item No.	PU
229 (9")	262 (10 ⅜")	266 (10 ⅝")	<b>F130101240604</b>	5
305 (12")	323 (12 ⅜")	327 (12 ⅞")	<b>F130101241604</b>	5
381 (15")	399 (15 ⅜")	403 (15 ⅞")	<b>F130101242204</b>	5
457 (18")	475 (18 ⅞")	479 (18 ⅝")	<b>F130101243204</b>	5
533 (21")	551 (21 ⅞")	555 (21 ⅝")	<b>F130101244204</b>	5

For extended lengths, 686 (27") and 762 (30"), see page 34.

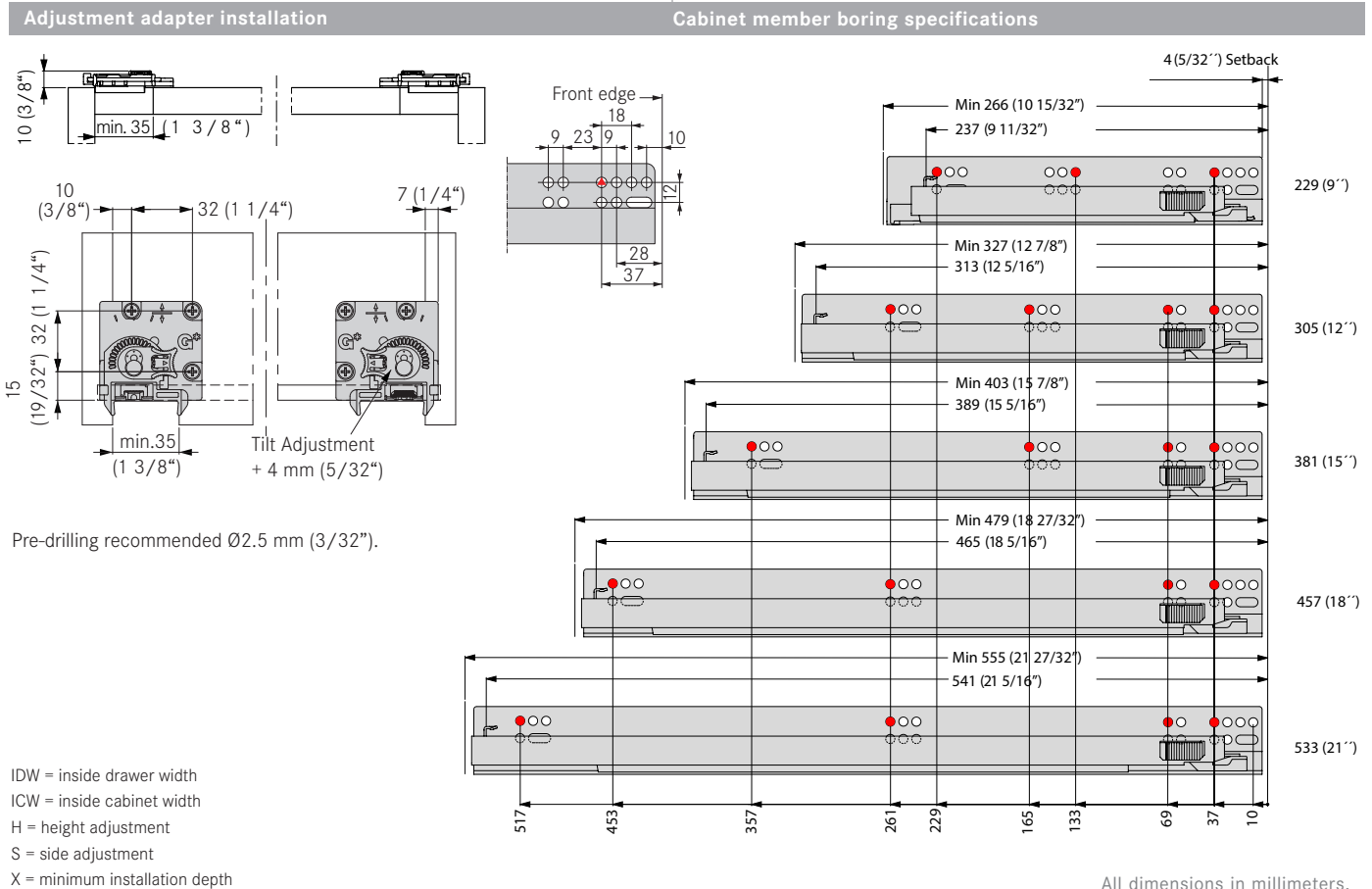
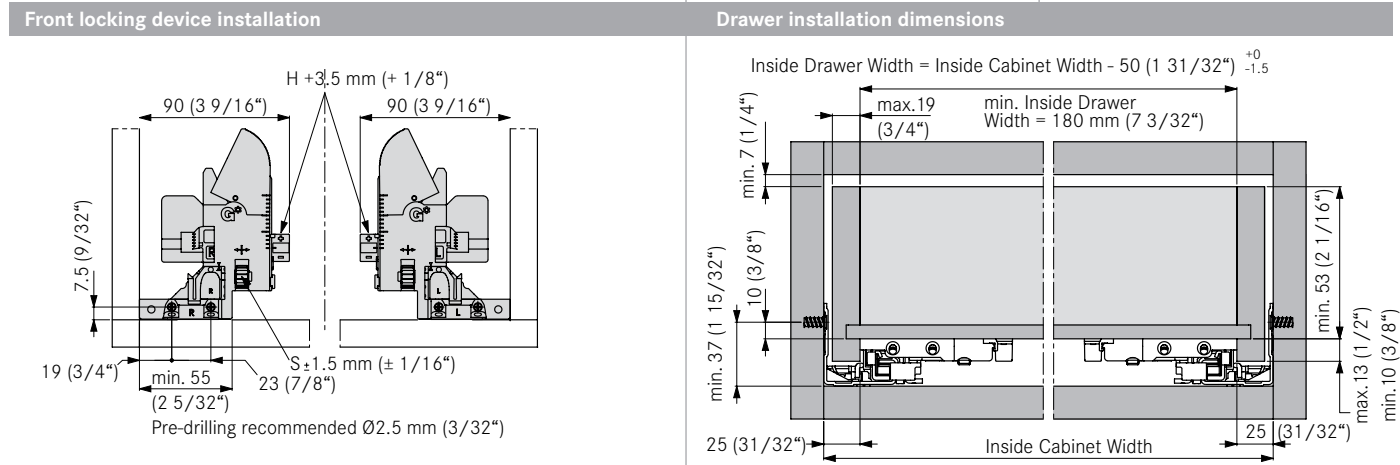
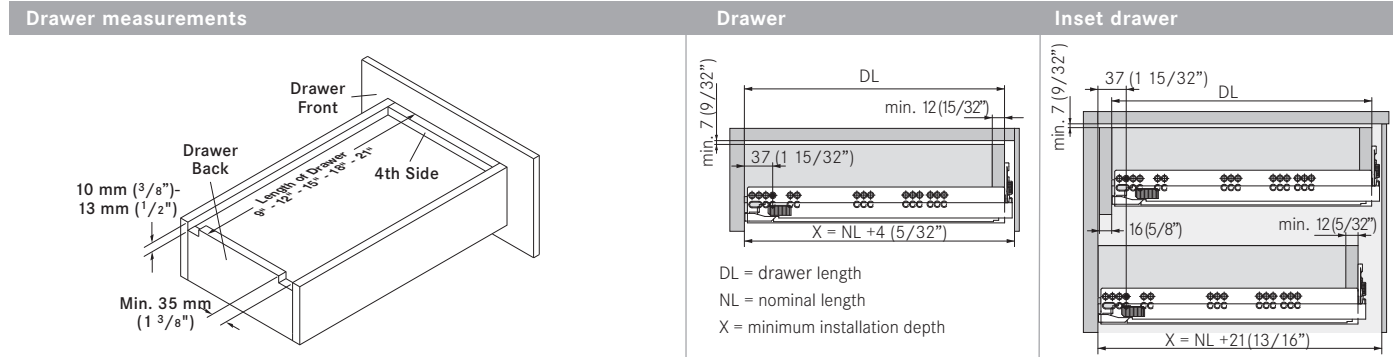
### Locking devices and tilt adjustment adapter



Description	Item No.	PU
(Please order separately)		
Front locking device, left	<b>F134125000633</b>	200
<b>1</b> Front locking device, right	<b>F134125001633</b>	200
Front locking device, left and right set	<b>F134101400104</b>	5
<b>2</b> Narrow front locking device, left	<b>F134100699233</b>	200
Narrow front locking device, right	<b>F134100700233</b>	200
<b>3</b> Adjustment adapter, left	<b>F134125002233</b>	200
Adjustment adapter, right	<b>F134125003233</b>	200
<b>4</b> Front locking device and adjustment adapter set	<b>F134125074517</b>	1
Set includes <b>1</b> Front locking device, and <b>3</b> Adjustment adapter		

PU = Packaging Unit

Cabinet Type	Frameless
Drawer Material Thickness	3/4" (19mm)
Dynamic Load	88 lbs. (40 kg)
Static Load	100 lbs. (45 kg)
Adapter	Tilt Adjustment



## Dynapro 19, Full extension slide, 3-D, Face Frame

Integrated Soft-close with 3-dimensional tilt adjustment for ¾" (19 mm) Drawer material



- Face frame application for ¾" (19 mm) drawer material
- Full extension with a synchronized mechanism
- Soft-close damping system
- Maximum connection to drawer slide and front locking device
- Integrated 3-dimensional adjustment for alignment
- Height adjustment + 3.5 mm
- Side adjustment ± 1.5 mm
- Tilt adjustment + 4.0 mm
- 88 lbs. load rating (40 kg)

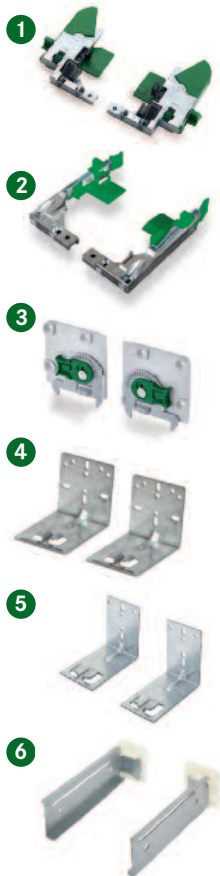
### Dynapro 19 full extension slide, 88 lbs (40 kg)



Drawer length	Nominal length	Min Installation Depth	Max Installation Depth	Item No.	PU
229 (9")	262 (10 5/8")	269 (10 13/32")	299 (11 3/4")	<b>F130101240204</b>	5
305 (12")	323 (12 23/32")	327 (12 7/8")	370 (14 5/16")	<b>F130101241204</b>	5
381 (15")	399 (15 23/32")	403 (15 7/8")	446 (17 5/16")	<b>F130101242204</b>	5
457 (18")	475 (18 11/16")	479 (18 27/32")	522 (20 5/16")	<b>F130101243204</b>	5
533 (21")	551 (21 11/16")	555 (21 27/32")	598 (23 17/32")	<b>F130101244204</b>	5

For extended lengths, 686 (27") and 762 (30"), see page 34.

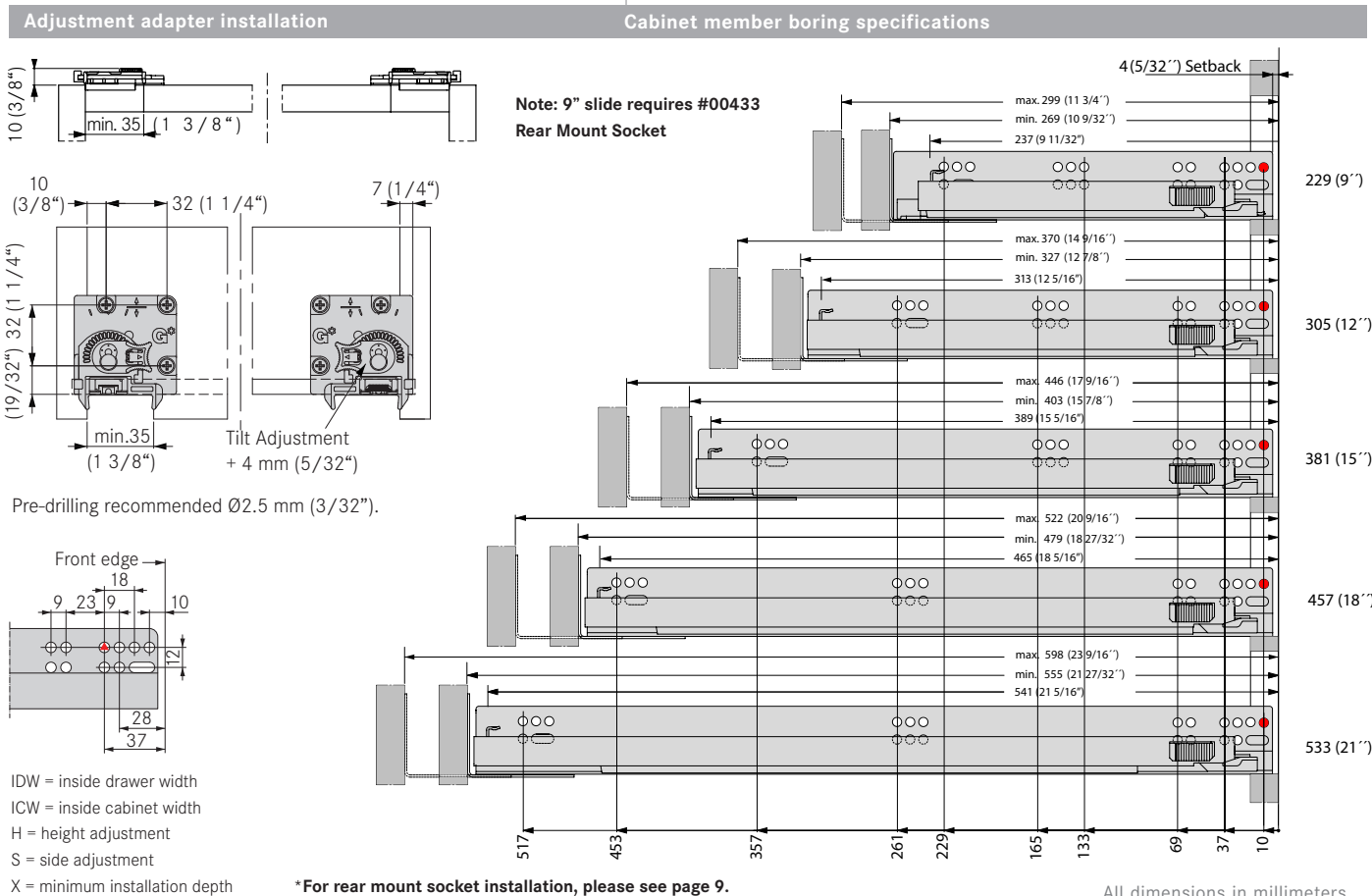
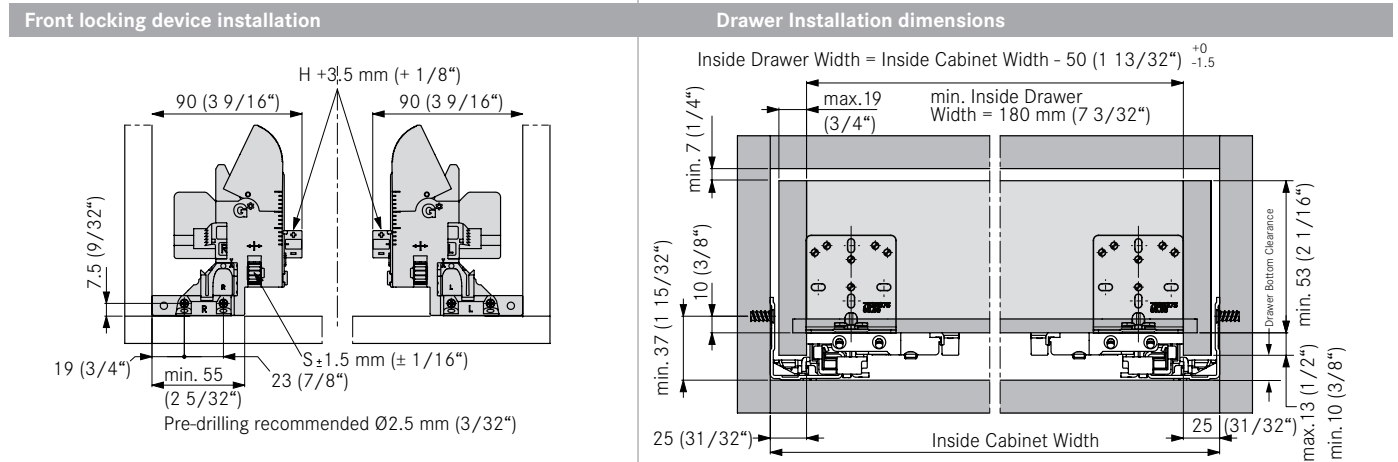
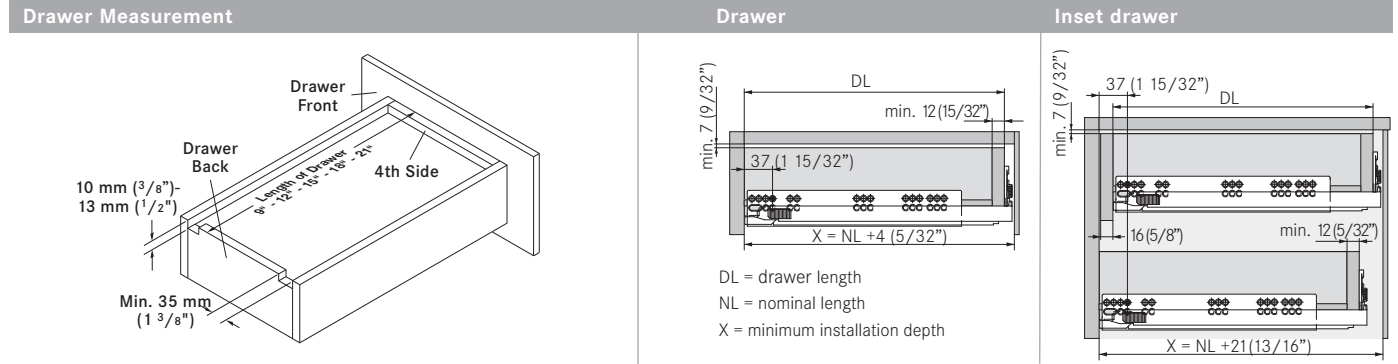
### Locking devices and rear adjustment adapter



Description	Item No.	PU
(Please order separately)		
<b>1</b> Front locking device, left	<b>F134125000633</b>	200
Front locking device, right	<b>F134125001633</b>	200
Front locking device, left and right, set	<b>F134101400104</b>	5
<b>2</b> Narrow front locking device, left	<b>F134100699233</b>	200
Narrow front locking device, right	<b>F134100700233</b>	200
<b>3</b> Adjustment adapter, left	<b>F134125002233</b>	200
Adjustment adapter, right	<b>F134125003233</b>	200
<b>4</b> Rear mounting sockets, non-handed for 12"-21" slides	7950.VE300	300
	7950.VE20	20
<b>5</b> Narrow rear mounting sockets, non-handed for 12"-21" slides	7951.VE300	300
<b>6</b> Rear mounting socket for 9" slide, set	00433-37	5
1 each left and right socket, 4 #M5 x 8 screws		
<b>7</b> Front locking device and adjustment adapter set	<b>F134125074517</b>	1
Set includes <b>1</b> Front locking device, and <b>3</b> Adjustment adapter		

PU = Packaging Unit

Cabinet Type	Face Frame
Drawer Material Thickness	3/4" (19 mm)
Dynamic Load	88 lbs. (40 kg)
Static Load	100 lbs. (45 kg)
Adapter	Tilt Adjustment



IDW = inside drawer width  
 ICW = inside cabinet width  
 H = height adjustment  
 S = side adjustment  
 X = minimum installation depth

\*For rear mount socket installation, please see page 9.

All dimensions in millimeters.

## Dynapro 16, Heavy Duty and Extend Length Slide, 3-D, Frameless

Integrated Soft-close with 3-dimensional tilt adjustment for 5/8" (16 mm) Drawer material



- Frameless application for 5/8" (16 mm) drawer material
- Full extension with a synchronized mechanism
- Soft-close damping system
- Maximum connection to drawer slide and front locking device
- Integrated 3-dimensional adjustment for alignment
- Height adjustment + 3.5 mm
- Side adjustment ± 1.5 mm
- Tilt adjustment + 4.0 mm
- 132 lbs load rating (60 kg)

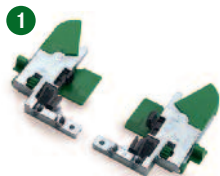
### Dynapro 16 full extension slide, 132 lbs (60 kg)



Drawer length	Nominal length	Min Installation Depth	Item No.	PU
457 (18")	475 (18 11/16")	479 (18 27/32")	<b>F130100730204</b>	5
533 (21")	551 (21 11/16")	555 (21 27/32")	<b>F130100731204</b>	5
610 (24")	628 (24 23/32")	632 (24 7/8")	<b>F130100732204</b>	5
*686 (27")	704 (27 23/32")	708 (27 7/8")	<b>F130101394203</b>	4
*762 (30")	780 (24 23/32")	784 (30 7/8")	<b>F130101395203</b>	4

\*Extended lengths, 110 lb (50 kg)

### Locking devices and adjustment adapter



Description	Item No.	PU
(Please order separately)		
<b>1</b> Front locking device, left	<b>F134125000633</b>	200
Front locking device, right	<b>F134125001633</b>	200
Front locking device, left and right, set	<b>F134101400104</b>	5
<b>2</b> Adjustment adapter, left	<b>F134125002233</b>	200
Adjustment adapter, right	<b>F134125003233</b>	200
<b>3</b> Front locking device and adjustment adapter set	<b>F134125074517</b>	1
Set includes <b>1</b> Front locking device, and <b>3</b> Adjustment adapter		

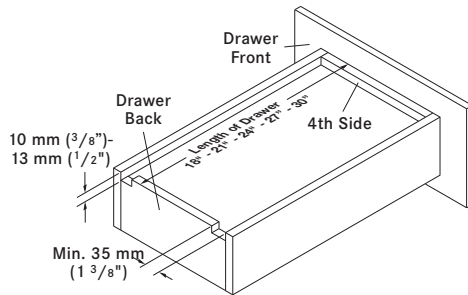
**NOTE:** Heavy duty and extended length slides can be blocked out for face frame application.

PU = Packaging Unit

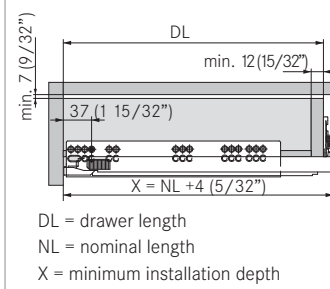


Cabinet Type	Frameless
Drawer Material Thickness	5/8" (16 mm)
Dynamic Load	* 132 lbs. (40 kg)
Static Load	* 150 lbs. (45 kg)
Adapter	Tilt Adjustment

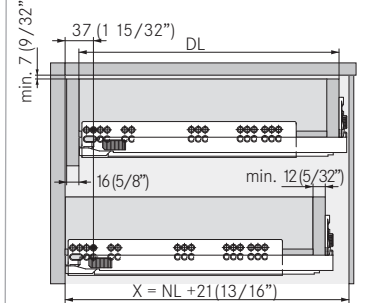
## Drawer Measurements



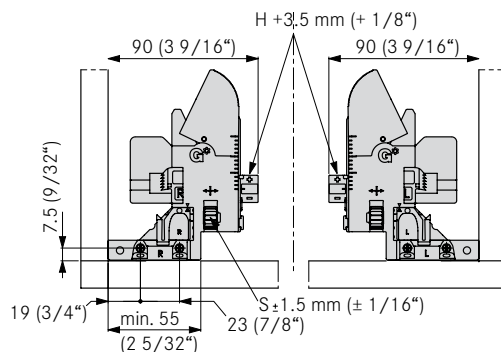
## Drawer



## Inset drawer

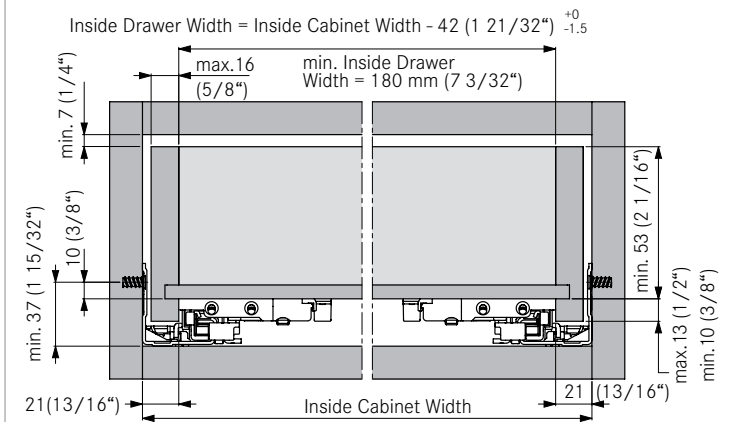


## Front locking device installation

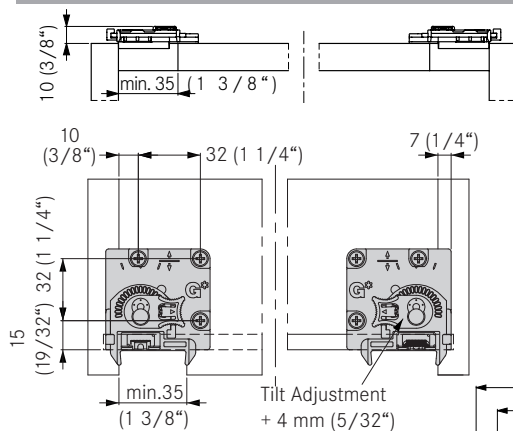


Pre-drilling recommended Ø2.5 mm (3/32").

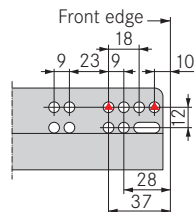
## Drawer installation dimensions



## Adjustment adapter installation

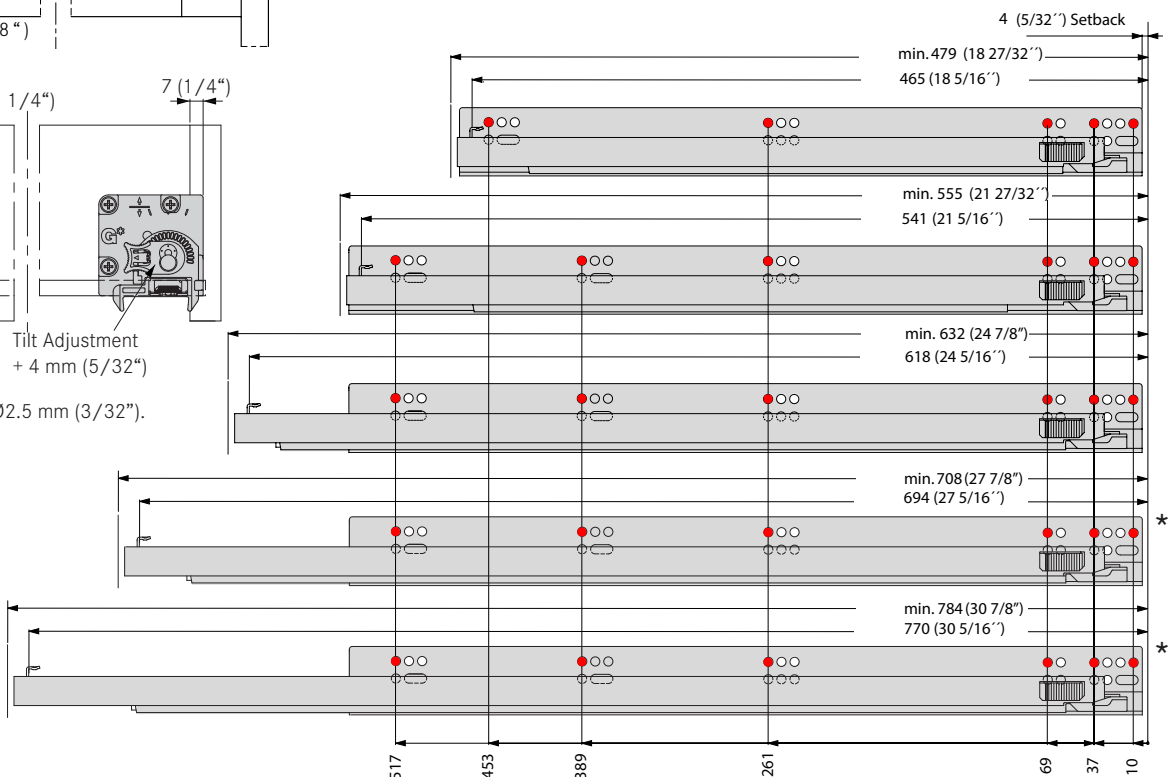


Pre-drilling recommended Ø2.5 mm (3/32").



IDW = inside drawer width  
ICW = inside cabinet width  
H = height adjustment  
S = side adjustment  
X = minimum installation depth

## Cabinet member boring specifications



\* 110 lbs (50kg) dynamic load and 125 lbs (60kg) static load for extended lengths

All dimensions in millimeters.

## Dynapro 19, Heavy Duty and Extended Length Slide, 3-D, Frameless

Integrated Soft-close with 3-dimensional tilt adjustment for ¾" (19 mm) Drawer material



- Frameless application for ¾" (19 mm) drawer material
- Full extension with a synchronized mechanism
- Soft-close damping system
- Maximum connection to drawer slide and front locking device
- Integrated 3-dimensional adjustment for alignment
- Height adjustment + 3.5 mm
- Side adjustment ± 1.5 mm
- Tilt adjustment + 4.0 mm
- 132 lbs load rating (60 kg)

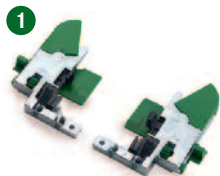
### Dynapro 19 full extension slide, 132 lbs (60 kg)



Drawer length	Nominal length	Min Installation Depth	Item No.	PU
457 (18")	475 (18 11/16")	479 (18 27/32")	<b>F130101245204</b>	5
533 (21")	551 (21 11/16")	555 (21 27/32")	<b>F130101246204</b>	5
610 (24")	628 (24 23/32")	632 (24 7/8")	<b>F130101247204</b>	5
*686 (27")	704 (27 23/32")	708 (27 7/8")	<b>F130101238203</b>	4
*762 (30")	780 (30 23/32")	784 (30 7/8")	<b>F130101239203</b>	4

\*Extended lengths, 110 lb (50 kg)

### Locking devices and adjustment adapter



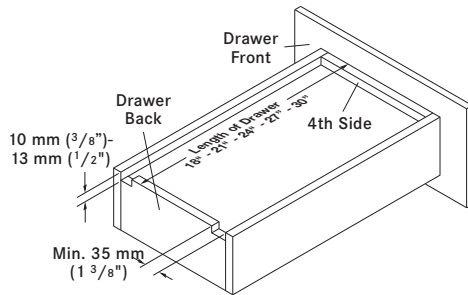
Description	Item No.	PU
(Please order separately)		
<b>1</b> Front locking device, left	<b>F134125000633</b>	200
Front locking device, right	<b>F134125001633</b>	200
Front locking device, left and right, set	<b>F134101400104</b>	5
<b>2</b> Adjustment adapter, left	<b>F134125002233</b>	200
Adjustment adapter, right	<b>F134125003233</b>	200
<b>3</b> Front locking device and adjustment adapter set	<b>F134125074517</b>	1
Set includes <b>1</b> Front locking device, and <b>3</b> Adjustment adapter		

**NOTE:** Heavy duty and extended length slides can be blocked out for face frame application.

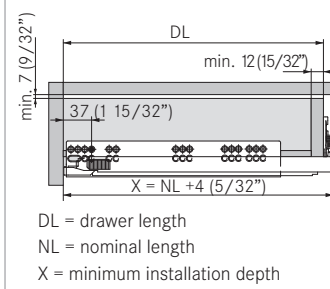
PU = Packaging Unit

Cabinet Type	Frameless
Drawer Material Thickness	3/4" (19 mm)
Dynamic Load	* 132 lbs. (60 kg)
Static Load	* 150 lbs. (70 kg)
Adapter	Tilt Adjustment

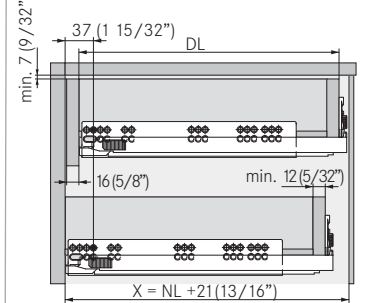
### Drawer Measurements



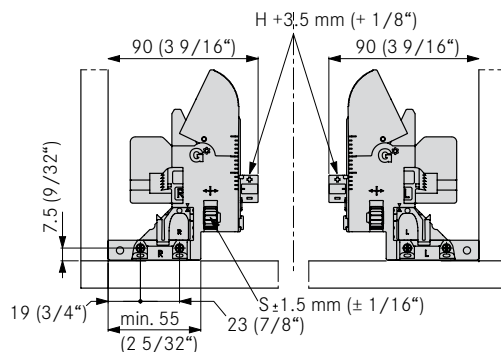
### Drawer



### Inset drawer

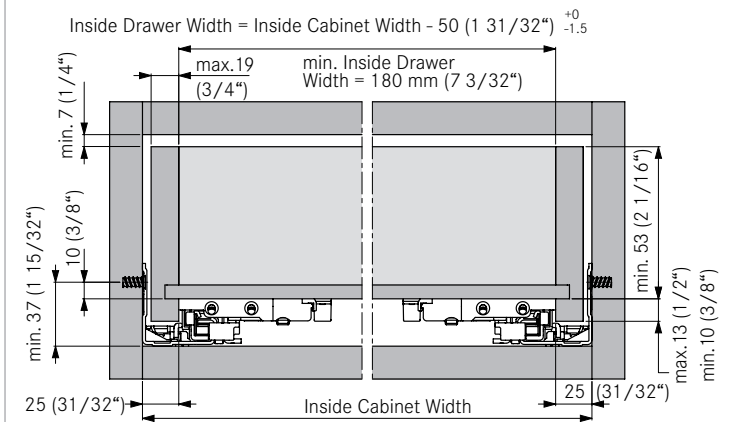


### Front locking device installation

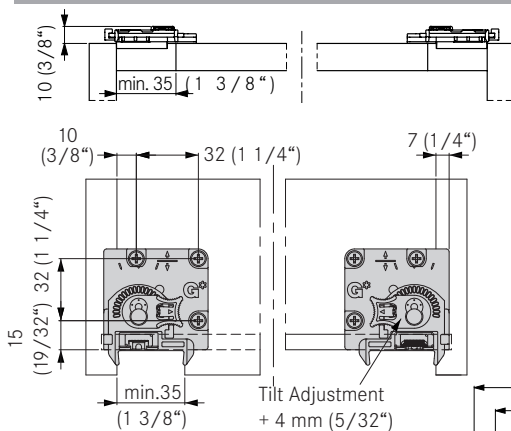


Pre-drilling recommended Ø2.5 mm (3/32").

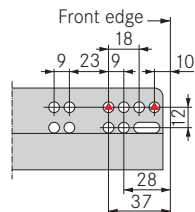
### Drawer installation dimensions



### Adjustment adapter installation

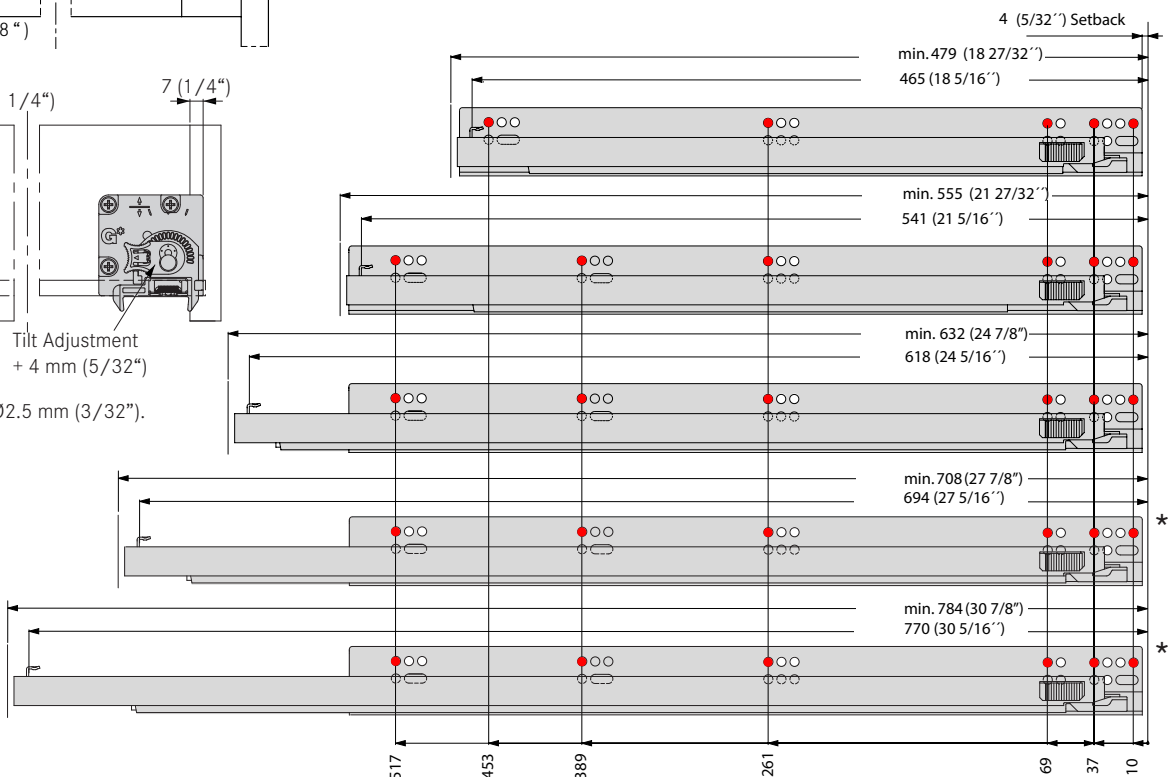


Pre-drilling recommended Ø2.5 mm (3/32").



IDW = inside drawer width  
ICW = inside cabinet width  
H = height adjustment  
S = side adjustment  
X = minimum installation depth

### Cabinet member boring specifications



\* 110 lbs (50kg) dynamic load and 125 lbs (60kg) static load for extended lengths

All dimensions in millimeters.



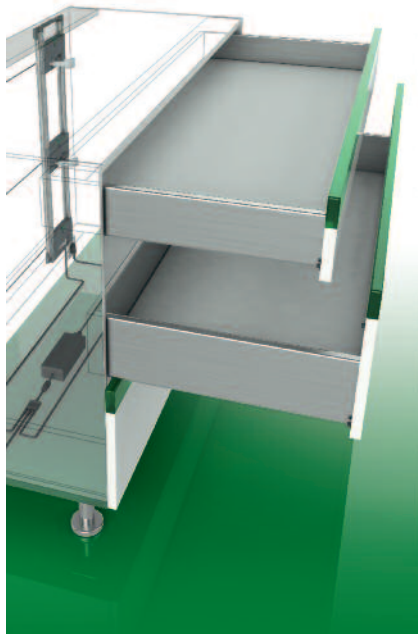
Sensomatic combines handle-free opening  
with the ever popular Soft-closing action

**Just tap anywhere on the drawer front  
and the drawer opens automatically.**

The Sensomatic is an electro-mechanical  
opening system for the Grass Dynapro  
Slide System. A simple installation  
process creates a superior drawer system.



Versatile, Efficient, Exciting:  
Lightly touch the front panel and the  
drawers will open as if by magic.  
Fully automatic, electrically powered.



## SENSOMATIC OPENING SYSTEM

Sensomatic, an electro-mechanical opening system that can be activated by a light touch anywhere on the surface of the drawer front. At the touch, the drawers glide open in one smooth motion.

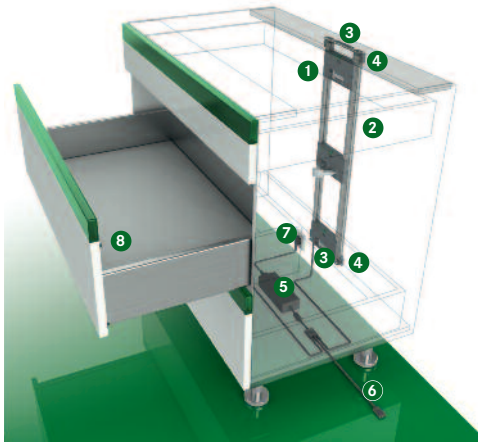
With the touch-sensitive Sensomatic device all you need is a gentle touch anywhere on the front of the drawer to automatically open the drawers. The action is steady, precise and ingenious. The perfect movement for today's functional requirements.

Sensomatic is extremely efficient in regard to power consumption and occupied space. The Sensomatic needs only one drive unit for cabinet widths up to 47" (1200mm) regardless of the weight. Accessories such as wire baskets, trash can receptacles, or roll out trays can be fitted with the Sensomatic system without modification. It has never been easier to open a drawer and - never easier to close a drawer.

Sensomatic together with Soft-close offers all the advantages of handle free opening with the elegance and functionality of a soft-closing action. These functions together guarantee your operating convenience at the highest level.

# Sensomatic for Dynapro

Standard cabinet with horizontal wooden stretcher



Sensomatic is an electro-mechanical opening system that can be activated by a light touch. Works with Dynapro undermount slides.

- Sensomatic works with any Dynapro drawer design
- Activated by a light touch anywhere on the drawer front
- One drive unit for cabinets widths up to 47" (1200mm)
- Soft-closing action pulls the drawer closed
- Ideal for accessories such as wire baskets, wash bins or roll-out trays

## 1 Opening unit



	Item No.	PU
for Dynapro	<b>F121100268607</b>	10

PU = 10 pieces, individually packaged

## 2 Frame sides, including frame side cable



Length	Item No.	PU
750 mm	<b>F121100285207</b>	10
1170 mm	<b>F121100286207</b>	10

PU = 10 pairs

## 3 Frame connector



	Item No.	PU
Frame connector	<b>F121100282211</b>	20

## 4 Fixing bracket



	Item No.	PU
Fixing bracket	<b>F121100270211</b>	20

## 5 Power supply unit



	Item No.	PU
Power supply unit	<b>F121100269607</b>	10

PU = 10 pieces, individually packaged

## 6 Connection cable with 2-way-adapter



Length	Item No.	PU
1000 mm	<b>F121100289207</b>	10
1600 mm	<b>F121100290207</b>	10
2000 mm	<b>F121100291207</b>	10

## 7 Power cord, 1.8 m [6']



Type of plug	Item No.	PU
Power cord (USA, CA)	69760-04	10
without plug	69767-04	10

## 8 Spring-loaded front bumper



Ø 5 mm	Item No.	PU	Ø 8 mm	Item No.	PU
Front gap 2.2 mm	<b>F121100294223</b>	100	Front gap 2.2 mm	<b>F121100297223</b>	100
Front gap 3 mm	<b>F121100295223</b>	100	Front gap 3 mm	<b>F121100298223</b>	100
Front gap 4 mm	<b>F121100296223</b>	100	Front gap 4 mm	<b>F121100299223</b>	100

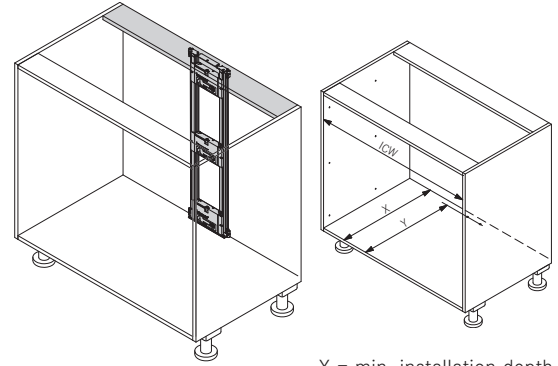
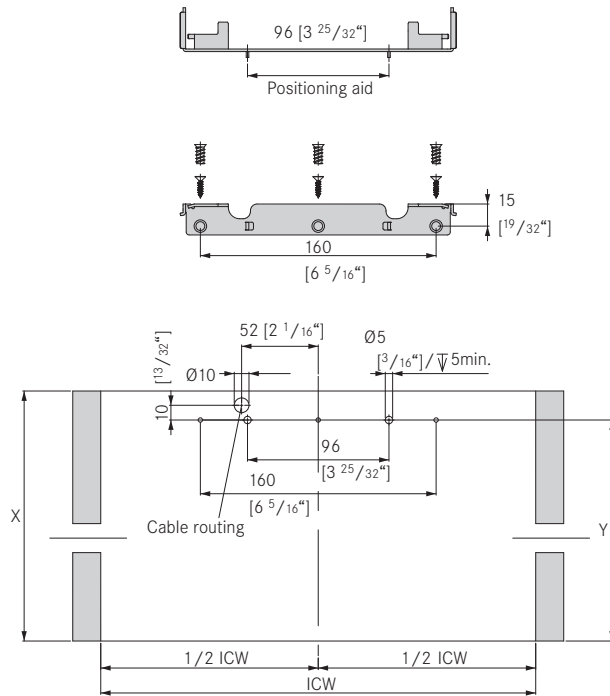
PU = Packing unit

Installation in millimeters is required. (Fractional inch equivalents as noted)

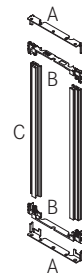


## Mounting dimensions

Fixing brackets positioned at top and bottom



X = min. installation depth  
Y = depth of hole pattern  
ICW = inside cabinet width



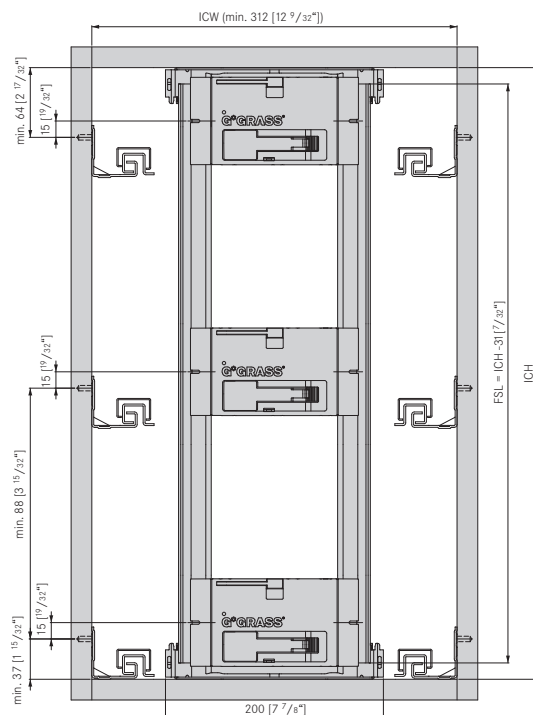
### Mounting dimensions Dynapro

	X	Y
Steel back panel	NL + 15 [1 9/32"]	NL

NL = nominal length of cabinet slide

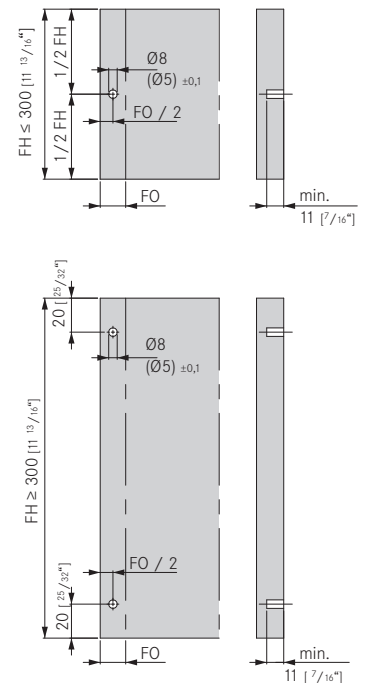
A = Fixing brackets used at top and bottom  
B = Frame connector  
C = Frame sides

## Position of opening unit for Dynapro



ICH = Inside cabinet height  
FSL = Frame side length  
ICW = Inside cabinet width  
FD = Front Overlay  
FH = Front Height

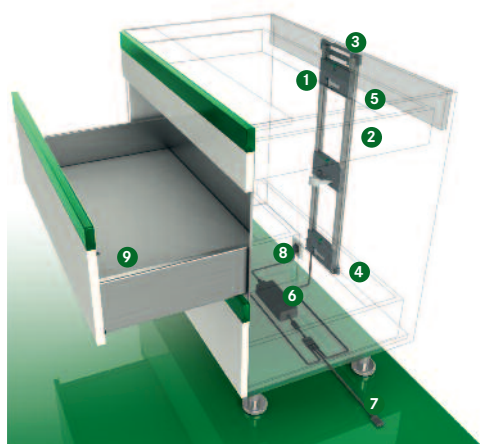
## Position of front bumper



When mounting the heavy-duty slide (132 lbs.), it is necessary to insert 4 front bumpers into the drawer front. Do not drive in or glue front bumpers.

# Sensomatic for Dynapro

Standard cabinet with vertical wooden stretcher



Sensomatic is an electro-mechanical opening system that can be activated by a light touch. Works with Dynapro undermount slides.

- Sensomatic works with any Dynapro drawer design
- Activated by a light touch anywhere on the drawer front
- One drive unit for cabinets widths up to 47" (1200mm)
- Full-extension for maximum access to drawer contents
- Soft-closing action pulls the drawer closed
- Ideal for accessories such as wire baskets, wash bins or roll-out trays

## 1 Opening unit



	Item No.	PU
for Dynapro	<b>F121100268607</b>	10

PU = 10 pieces, individually packaged

## 2 Frame sides, including frame side cable



Length	Item No.	PU
750 mm	<b>F121100285207</b>	10
1170 mm	<b>F121100286207</b>	10

PU = 10 pairs

## 3 Frame connector



	Item No.	PU
Frame connector	<b>F121100282211</b>	20

## 4 Fixing bracket



	Item No.	PU
Fixing bracket	<b>F121100270211</b>	20

## 5 Rear-mount fixing brackets



Frame set	Item No.	PU
flush mount	<b>F121100275207</b>	10
back mount	<b>F121100276207</b>	10

## 6 Power supply unit



	Item No.	PU
Power supply unit	<b>F121100269607</b>	10

PU = 10 pieces, individually packaged

## 7 Connection cable with 2-way-adapter



Length	Item No.	PU
1000 mm	<b>F121100289207</b>	10
1600 mm	<b>F121100290207</b>	10
2000 mm	<b>F121100291207</b>	10

## 8 Power cord, 1.8 m [6']



	Item No.	PU
Power cord (USA, CA)	69760-04	10
without plug	69767-04	10

## 9 Spring-loaded front bumper



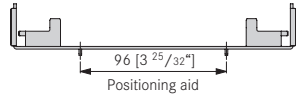
Ø 5 mm	Item No.	PU	Ø 8 mm	Item No.	PU
Front gap 2.2 mm	<b>F121100294223</b>	100	Front gap 2.2 mm	<b>F121100297223</b>	100
Front gap 3 mm	<b>F121100295223</b>	100	Front gap 3 mm	<b>F121100298223</b>	100
Front gap 4 mm	<b>F121100296223</b>	100	Front gap 4 mm	<b>F121100299223</b>	100

PU = Packing unit

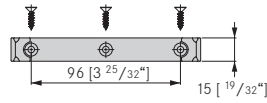
Installation in millimeters is required. (Fractional inch equivalents as noted)

## Mounting dimensions

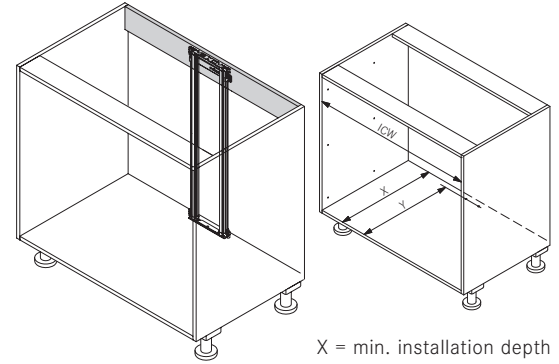
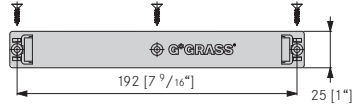
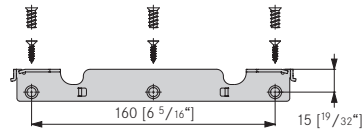
Fixing bracket positioned at bottom



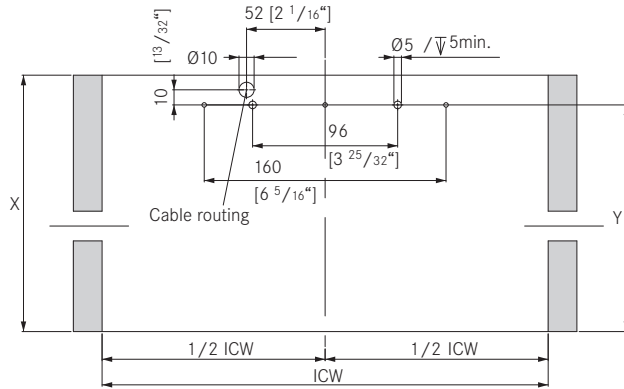
Rear-mount fixing bracket (flush mount)



Rear-mount fixing bracket (back mount)



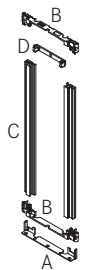
X = min. installation depth  
Y = depth of hole pattern  
ICW = inside cabinet width



Rear fixing bracket, flush mounted



Rear fixing bracket, back mounted



A = Fixing bracket used at bottom  
B = Frame connector  
C = Frame sides  
D = Rear mount fixing bracket  
flush mount or back mount

### Mounting dimensions Dynapro

Wood back panel

X (inside)

NL + 15 [1 9/32"]

X (back)

NL + 20 [+1] [25/32"]

Y

NL

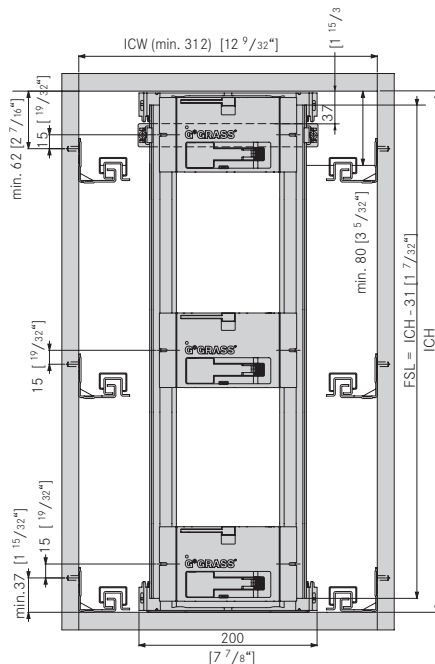
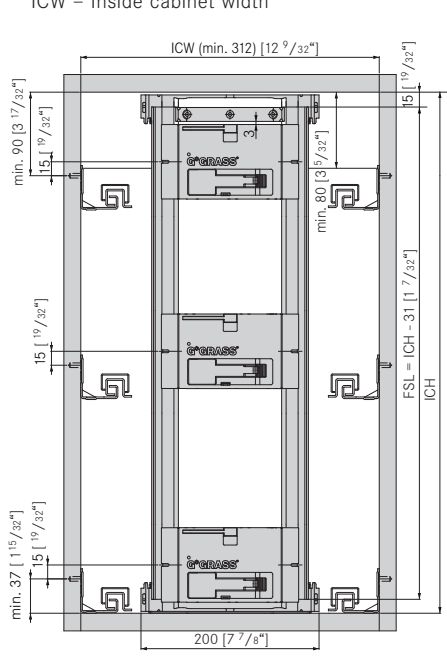
NL = nominal length of cabinet slide

### Position of opening unit for Dynapro

ICH = Inside cabinet height

FSL = Frame side length

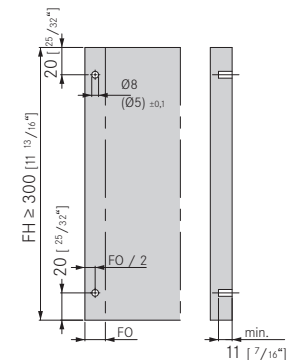
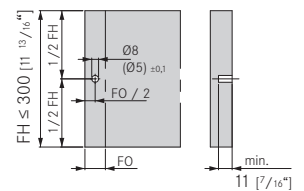
ICW = Inside cabinet width



### Position of front bumper

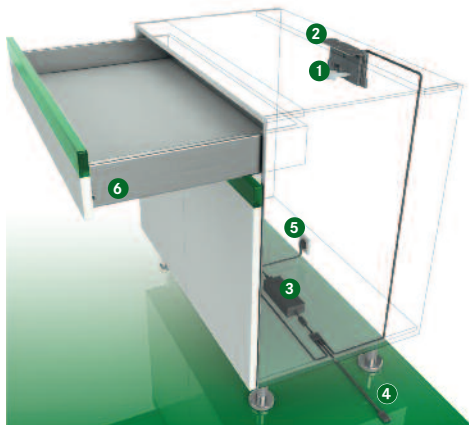
FH = front height

FO = front overlay



# Sensomatic for Dynapro

## Single drawer with top mounting



Sensomatic is an electro-mechanical opening system that can be activated by a light touch. Works with Dynapro undermount slides.

- Sensomatic works with any Dynapro drawer design
- Activated by a light touch anywhere on the drawer front
- One drive unit for cabinets widths up to 47" (1200mm)
- Full-extension for maximum access to drawer contents
- Soft-closing action pulls the drawer closed
- Ideal for accessories such as wire baskets, wash bins or roll-out trays

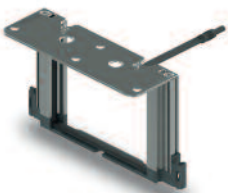
### 1 Opening unit



	Item No.	PU
for Dynapro	<b>F121100268607</b>	10

PU = 10 pieces, individually packaged

### 2 Frame for top assembly



	Item No.	PU
Height 120 mm [4 23/32"]	<b>F121100272207</b>	10
Height 170 mm [6 11/16"]	<b>F121100273207</b>	10

### 3 Power supply unit



	Item No.	PU
Power supply unit	<b>F121100269607</b>	10

PU = 10 pieces, individually packaged

### 4 Connection cable with 2-way-adapter



Length	Item No.	PU
600 mm	<b>F121100288207</b>	10
1000 mm	<b>F121100289207</b>	10
1600 mm	<b>F121100290207</b>	10
2000 mm	<b>F121100291207</b>	10

### 5 Power cord, 1.8 m [6']



	Item No.	PU
Power cord (USA, CA)	69760-04	10
without plug	69767-04	10

### 6 Spring-loaded front bumper



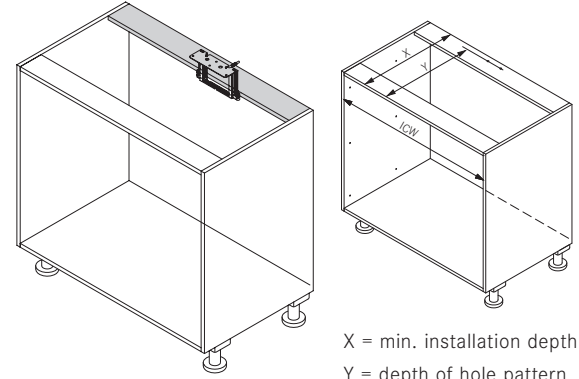
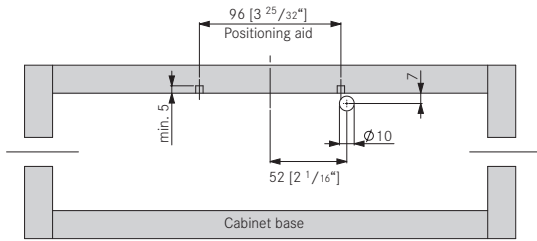
Ø 5 mm	Item No.	PU	Ø 8 mm	Item No.	PU
Front gap 2.2 mm	<b>F121100294223</b>	100	Front gap 2.2 mm	<b>F121100297223</b>	100
Front gap 3 mm	<b>F121100295223</b>	100	Front gap 3 mm	<b>F121100298223</b>	100
Front gap 4 mm	<b>F121100296223</b>	100	Front gap 4 mm	<b>F121100299223</b>	100

PU = Packing unit

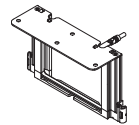
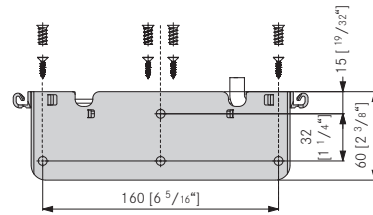
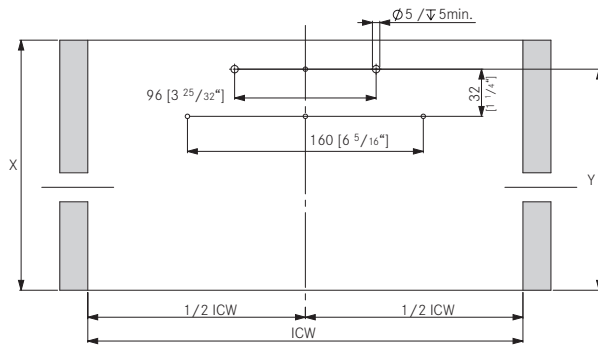
Installation in millimeters is required. (Fractional inch equivalents as noted)

## Mounting dimensions

### Back wall cabling



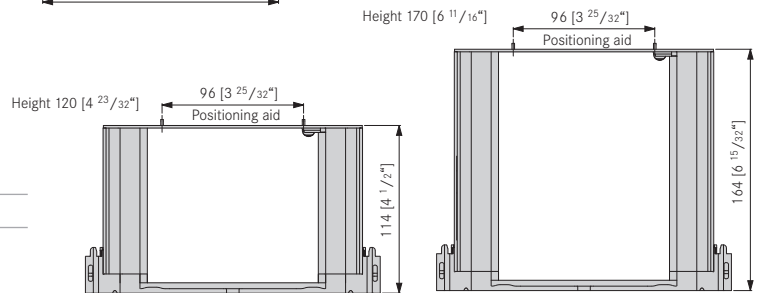
X = min. installation depth  
Y = depth of hole pattern  
ICW = inside cabinet width



Frame for top mounting

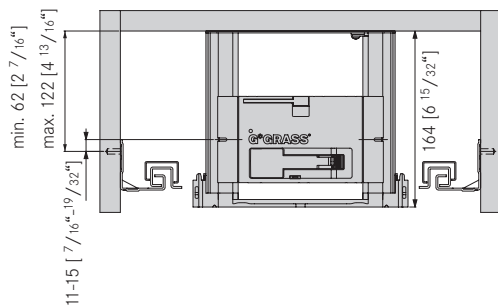
Mounting dimensions for Dynapro	X	Y
Wood back panel	NL + 15 [1 9/32"]	NL

NL = nominal length of cabinet slide

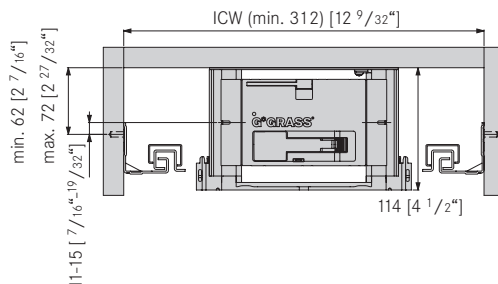


### Position of opening unit for Dynapro

Height 170 [6 11/16"]

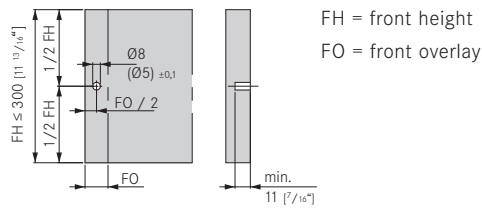


Height 120 [4 23/32"]

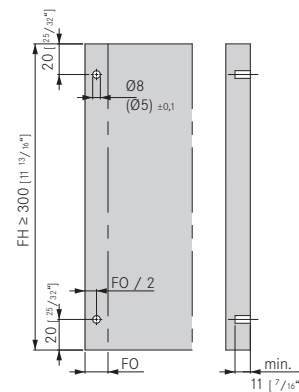


ICW = inside cabinet width

### Position of front bumper



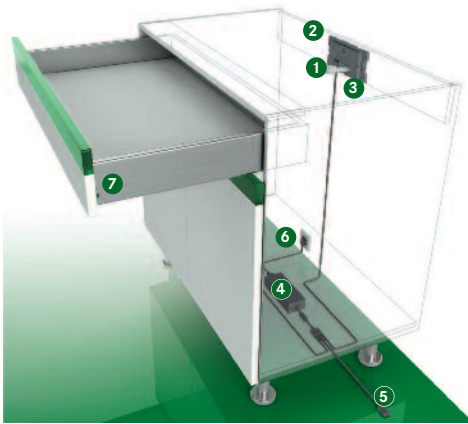
FH = front height  
FO = front overlay



When mounting the heavy-duty slide (132 lbs.), it is necessary to insert 4 front bumpers into the drawer front. Do not drive in or glue front bumpers.

# Sensomatic for Dynapro

## Single drawer with back panel mounting



Sensomatic is an electro-mechanical opening system that can be activated by a light touch. Works with Dynapro undermount slides.

- Sensomatic works with any Dynapro drawer design
- Activated by a light touch anywhere on the drawer front
- One drive unit for cabinets widths up to 47" (1200mm)
- Full-extension for maximum access to drawer contents
- Soft-closing action pulls the drawer closed
- Ideal for accessories such as wire baskets, wash bins or roll-out trays

### 1 Opening unit



	Item No.	PU
for Dynapro	<b>F121100268607</b>	10

PU = 10 pieces, individually packaged

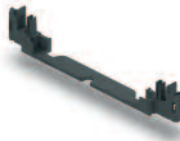
### 2 Frame sides, including frame side cable



Frame side, pair	Item No.	PU
for 1 Opening unit including hole drilling	<b>F121100283207</b>	10

PU = 10 pairs

### 3 Frame connector



	Item No.	PU
Frame connector	<b>F121100282211</b>	20

### 4 Power supply unit



	Item No.	PU
Power supply unit	<b>F121100269607</b>	10

PU = 10 pieces, individually packaged

### 5 Connection cable with 2-way-adaptor



Length	Item No.	PU
600 mm	<b>F121100288207</b>	10
1000 mm	<b>F121100289207</b>	10
1600 mm	<b>F121100290207</b>	10
2000 mm	<b>F121100291207</b>	10

### 6 Power cord, 1.8 m [6']



	Item No.	PU
Power cord (USA, CA)	69760-04	10
without plug	69767-04	10

### 7 Spring-loaded front bumper



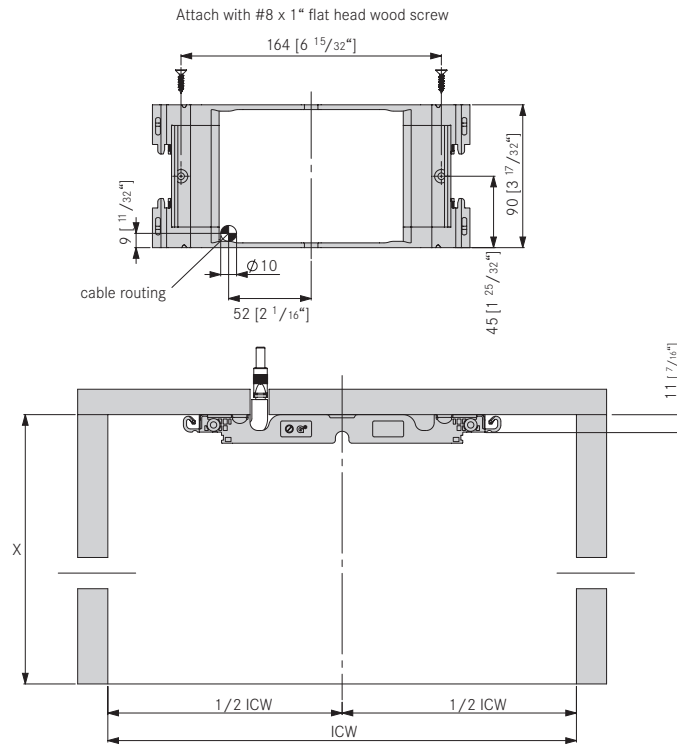
Ø 5 mm	Item No.	PU
Front gap 2.2 mm	<b>F121100294223</b>	100
Front gap 3 mm	<b>F121100295223</b>	100
Front gap 4 mm	<b>F121100296223</b>	100
Ø 8 mm	Item No.	PU
Front gap 2.2 mm	<b>F121100297223</b>	100
Front gap 3 mm	<b>F121100298223</b>	100
Front gap 4 mm	<b>F121100299223</b>	100

PU = Packing unit

Installation in millimeters is required. (Fractional inch equivalents as noted)



## Mounting dimensions



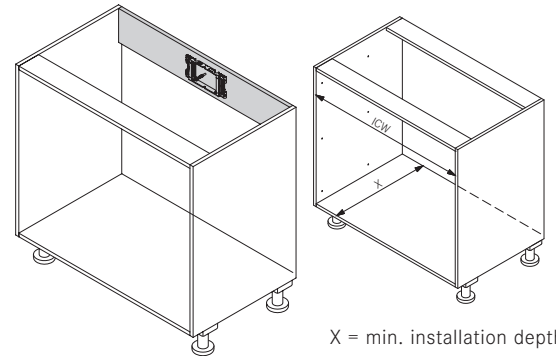
### Mounting dimensions Dynapro

**X**

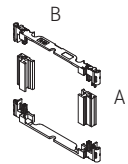
Wood back panel

NL + 15 [19/32"]

NL = nominal length of cabinet slide



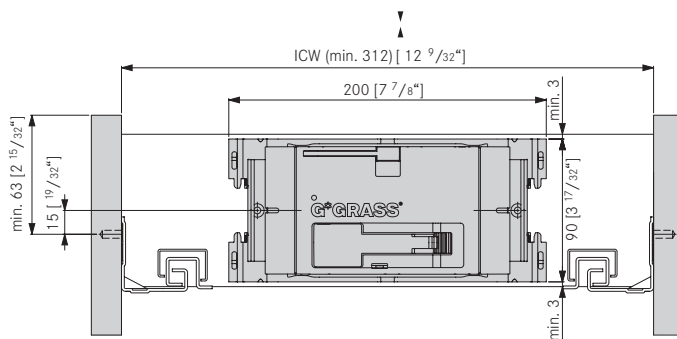
X = min. installation depth  
ICW = inside cabinet width



A = Frame sides

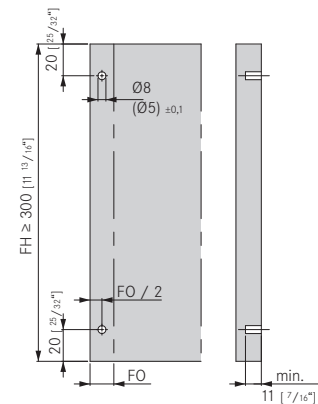
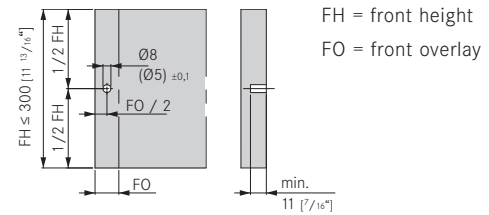
B = Frame connector

## Position of opening unit for Dynapro



ICW = inside cabinet width

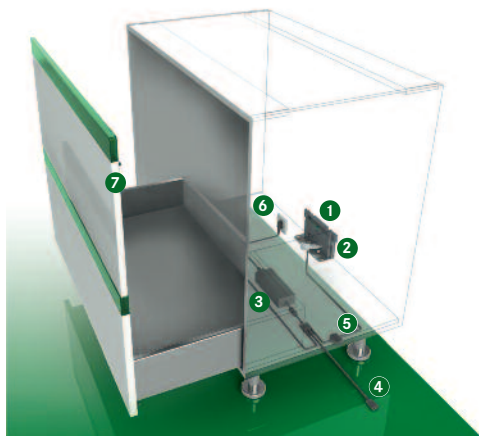
## Position of front bumper



When mounting the heavy-duty slide (132 lbs.), it is necessary to insert 4 front bumpers into the drawer front.  
Do not drive in or glue front bumpers.

# Sensomatic for Dynapro

## Waste bin cabinet with bottom panel frame mounting



Sensomatic is an electro-mechanical opening system that can be activated by a light touch. Works with Dynapro undermount sides.

- Sensomatic works with any Dynapro drawer design
- Activated by a light touch anywhere on the drawer front
- One drive unit for cabinets widths up to 47" (1200mm)
- Full-extension for maximum access to drawer contents
- Soft-closing action pulls the drawer closed

### 1 Opening unit



	Item No.	PU
for DWD XP	<b>F121100409607</b>	10

PU = 10 pieces, individually packaged

### 2 Base frame



	Item No.	PU
	<b>F121100271207</b>	10

### 3 Power supply unit



	Item No.	PU
Power supply unit	<b>F121100269607</b>	10

PU = 10 pieces, individually packaged

### 4 Connection cable with 2-way-adapter



Length	Item No.	PU
1000 mm	<b>F121100289207</b>	10
1600 mm	<b>F121100290207</b>	10
2000 mm	<b>F121100291207</b>	10

### 5 4-way-adapter



	Item No.	PU
4-way-adapter	<b>F121100293207</b>	10

### 6 Power cord, 1.8 m [6']



	Item No.	PU
Power cord (USA, CA)	69760-04	10
without plug	69767-04	10

### 7 Spring-loaded front bumper



Ø 5 mm	Item No.	PU	Ø 8 mm	Item No.	PU
Front gap 2.2 mm	<b>F121100294223</b>	100	Front gap 2.2 mm	<b>F121100297223</b>	100
Front gap 3 mm	<b>F121100295223</b>	100	Front gap 3 mm	<b>F121100298223</b>	100
Front gap 4 mm	<b>F121100296223</b>	100	Front gap 4 mm	<b>F121100299223</b>	100

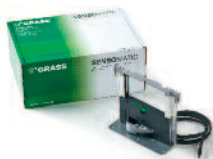
### Sensomatic Kit

#### Set includes:

Opening unit: 1

Base frame: 1

Power supply unit : 1



Power cord: 1

Front bumpers (F121100296223): 4

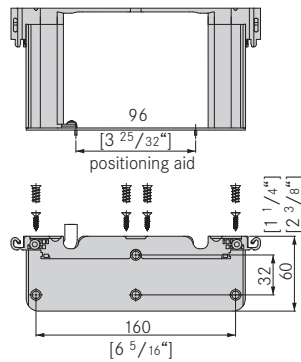
	Item No.	PU
For Dynapro	<b>F121100697201</b>	1

PU = 1 set

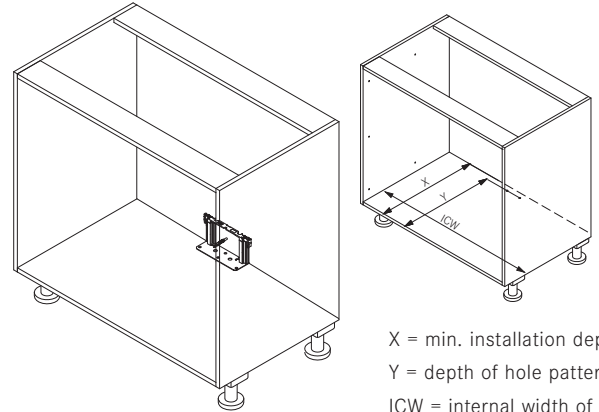
PU = Packing unit

Installation in millimeters is required. (Fractional inch equivalents as noted)

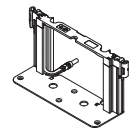
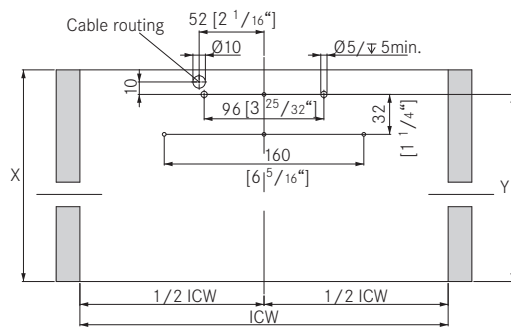
## Mounting dimensions



Base mounting



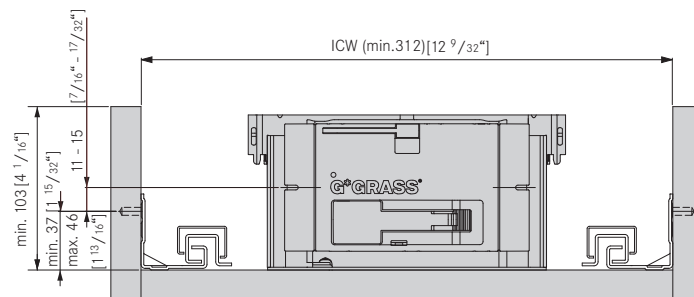
X = min. installation depth  
Y = depth of hole pattern  
ICW = internal width of cabinet



Base frame

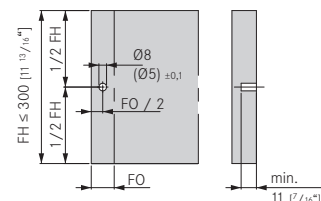
Mounting dimensions Dynapro	X	Y
Wood back panel	NL + 15 [1 1/32"]	NL

## Position of opening unit for Dynapro

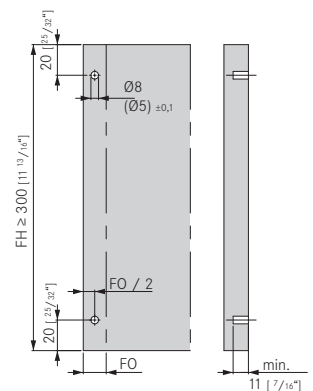


ICW = inside cabinet width

## Position of front bumper



FH = front height  
FO = front overlay

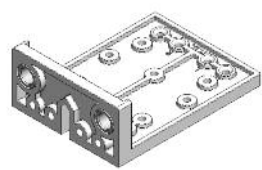


When mounting the heavy-duty slide (132 lbs.), it is necessary to insert 4 front bumpers into the drawer front. Do not drive in or glue front bumpers.

# Accessories and assembly aides

## for Dynapro

### Drilling template for drawer



- For front locking device
- For narrow front locking device
- For drawer hole hook
- For adjustment adapter

Description	Item No.	PU
Drilling template	<b>F146109874299</b>	1

### Centering drill bit Ø 2.5 mm

The GRASS centering drill bit is used for pre-drilling countersink wood screws, Ø 2.5 mm

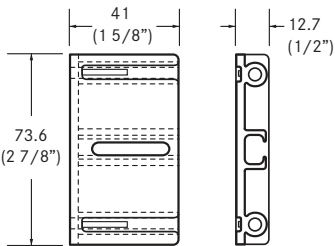


Description	Item No.	PU
Centering drill bit	35692-01	1

### Inset Bracket for Dynapro



- For face frame inset applications when using Dynapro.
- Works with all inset applications
- Bracket mounts behind the face frame, minimum 12.7 mm (1/2") frame offset required
- Slide attaches easily with one screw
- Bracket includes guide markings for proper setback
- Polybagged with brackets, screws, and instructions



Description	Item No.	PU
Inset bracket set	13901-37	1
Inset bracket set	13901-08	50

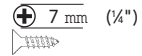
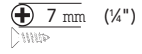
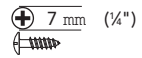
Polybag includes:

- 2 - Universal Inset Bracket ABS Brown
- 2 - 8 X 32 Tapped Insert for Inset bracket
- 4 - #7 X 2" mounting screws
- 2 - #8 - 32 X 1/2" Machine Screw FHP

PU = Packaging Unit

### Wood screw, nickel plated

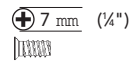
Steel, nickel plated  
(Phillips)



Type		Item No.	PU
Panhead	Ø 6 x 5/8"	499.060.58.0015	500
Flathead	Ø 6 x 5/8"	81001-43	500
Flathead	Ø 6 x 3/4"	81003-43	500

### Euro screw, nickel plated

Steel, nickel plated  
(Pozi)



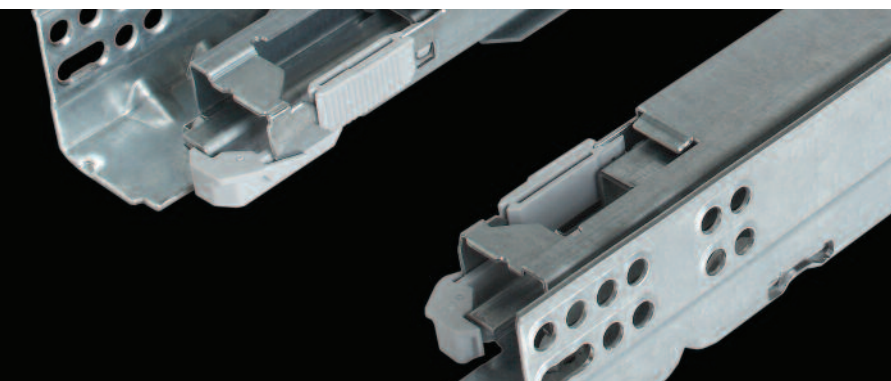
Type		Item No.	PU
Euro Screw	Ø6.3 x 11mm (7/16")	499.360.61.1015	500
Euro Screw	Ø6.3 x 13mm (1/2")	499.360.61.3015	500





**DYNAPRO**

**PRECISION...**  
IN MOVEMENT, DESIGN AND COMFORT







Precision plays an important role in cabinet and furniture design and it is our priority that hardware function intelligently.

Dynapro, the undermount slide system, features the first completely synchronized mechanism for quiet operation, provides increased stability for wide drawers and sets new industry standards in load capacity.

**DYNAPRO** – precision in design NOW



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