



ELITE PLUS



**G\*GRASS®**

## ELITE PLUS SLIDE SYSTEM

Undermount drawer technology with advanced running performance and smooth soft-closing action



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



Bringing together fast installation, easy adjustment, and smooth running performance at a great value.



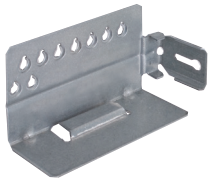
#### **Designed for uncompromised performance**

The exceptional design of Elite Plus drawer slide draws attention to the beauty of your cabinetry and leaves the mounted hardware completely out of sight. The Elite Plus brings together the advances of undermount technology with a precision roller carriage and features a liquid damper that is designed for a smoother closing transition.

Offered in a full range of lengths for frameless and face frame construction, the Elite Plus features full drawer extension for maximum use of interior space. It is a proven undermount slide with an ample load capacity of 100 lb that meets and exceeds ANSI/BHMA Grade 1 testing standards. The front locking devices offer 1D height adjustment or 2D height and side adjustment. Multiple cleats securely connect the drawer to the slide. Year after year, Elite Plus enables drawers to function quietly and flawlessly with the quality construction and Grass standard of excellence you have come to expect.



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|  | <b>Elite Plus 19</b> <ul style="list-style-type: none"><li>Integrated Soft-close</li><li>Full extension</li><li>For 19mm (3/4") material</li></ul>                 | <b>Front locking device selection provides:</b> <ul style="list-style-type: none"><li>Height adjustment (max +2.5mm)</li><li>Side adjustment (max ± 1.5mm)</li></ul> | 12   |
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# Features and Benefits

## Elite Plus

### Features



- Slide is concealed to give full view of finely crafted drawers
- Self-latching front locking devices have easy release levers for drawer removal
- Liquid damper softly glides drawers to a stop
- For drawer material thickness: 12.7mm (1/2") to 19mm (3/4")
- Precision smooth running synthetic roller carriages
- Zinc plated roll formed steel composition
- Full extension for complete drawer access
- Height adjustment +2.5mm (3/32") with suitable front locking device
- Side adjustment ±1.5mm (1/16") with suitable front locking device
- Weight capacity: 100 lb dynamic, 100 lb static
- Wide drawer member provides stability between the cabinet and drawer member
- Meet and exceeds ANSI/BHMA A156.9 Standard, Grade 1

#### Multiple cleats

For secure front locking.

#### Depth Adjustment

4mm (5/32") allows perfect alignment for the drawer front.



#### 1D Front locking device

with height adjustment  
+2.5mm (3/32")

The front locking device securely connects the drawer to the slide.



#### 2D Front locking device

with height adjustment  
+2.5mm (3/32")  
with side adjustment  
±1.5mm (1/16")

The front locking device securely connects the drawer to the slide.

## Features

- Soft-closing mechanism fully enclosed
- Precision German made liquid damper
- Face frame and frameless applications
- Uses same front locking devices as Maxcess
- Rear notch in back of box is 35mm for Maxcess and Elite Plus
- Patented technology

### Wide drawer member

Provides superior stability.

### Unique and integrated liquid damper

8mm damper offers advanced soft-closing technology.

### Repositioned Soft-close damper

Gives the Elite Plus an improved closing action.

### Depth adjustment

4mm (5/32") allows perfect alignment for the drawer front.

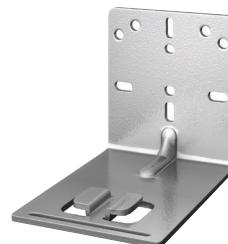
### Tilt adjustment

4mm (5/32") allows tilting the drawer for perfect front alignment.

### Self-aligning rear mount bracket

Brackets self-align the drawer when cabinets are out of square,  $\pm 2$ mm (3/32") adjustment range.

For additional rear mount brackets see page 14.



# Technical Information

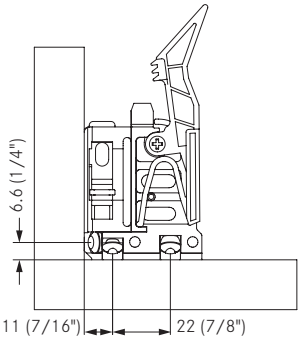
## Elite Plus

### Front Locking Device with Height Adjustment

#### 7523 Front Locking Device, 1D



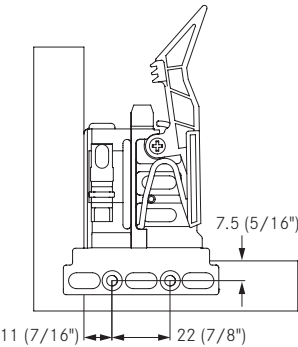
- Securely connects the drawer to the slide
- Height adjustment range: +2.5mm (3/32")
- For standard width drawers
- Minimum inside drawer width 125mm (4 15/16")
- Lightweight, high strength material



#### 7523 Flanged Front Locking Device, 1D



- Securely connects the drawer to the slide
- Height adjustment range: +2.5mm (3/32")
- For standard width drawers
- Minimum inside drawer width 125mm (4 15/16")
- Lightweight, high strength material

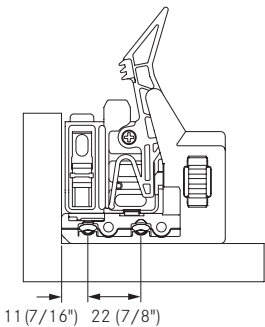


### Front Locking Device with Height Adjustment and Side Adjustment

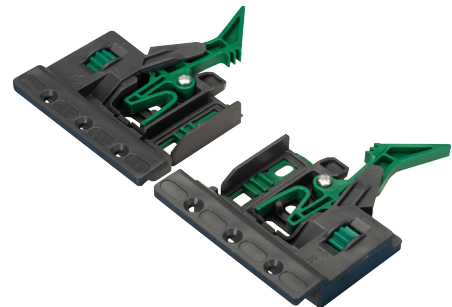
#### 75X3 Front Locking Device, 2D



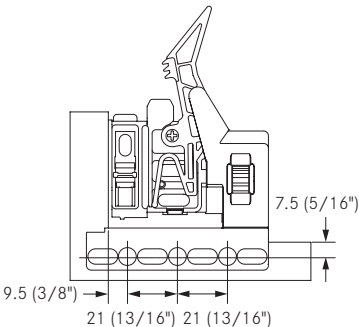
- Securely connects the drawer to the slide
- Height adjustment range: +2.5mm (3/32")
- Side adjustment range: ±1.5mm (1/16")
- For standard width drawers
- Minimum inside drawer width 140mm (5 1/4")
- Lightweight, high strength material



#### 75X3 Flanged Front Locking Device, 2D



- Securely connects the drawer to the slide
- Height adjustment range: +2.5mm (3/32")
- Side adjustment range: ±1.5mm (1/16")
- For standard width drawers
- Minimum inside drawer width 140mm (5 1/4")
- Lightweight, high strength material



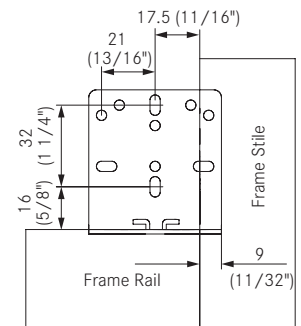
## Rear Mounting Brackets

### Universal Rear Mounting Bracket

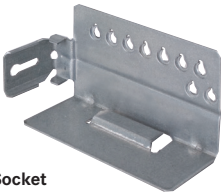


- For all Elite Plus drawers
- For face frame application

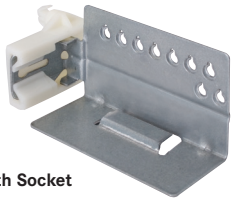
Pre-drilling recommended  $\varnothing 2.5\text{mm}$  ( $3/32"$ )  
Use a minimum of 3 screws per bracket,  
#6 x  $1/2"$  truss head screws.



### V-notch Rear Mounting Brackets, 19mm

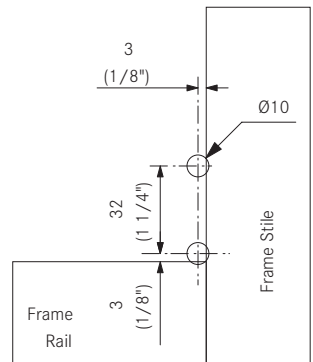


No Socket



With Socket

- For all Elite Plus drawers
- For face frame, v-notch application

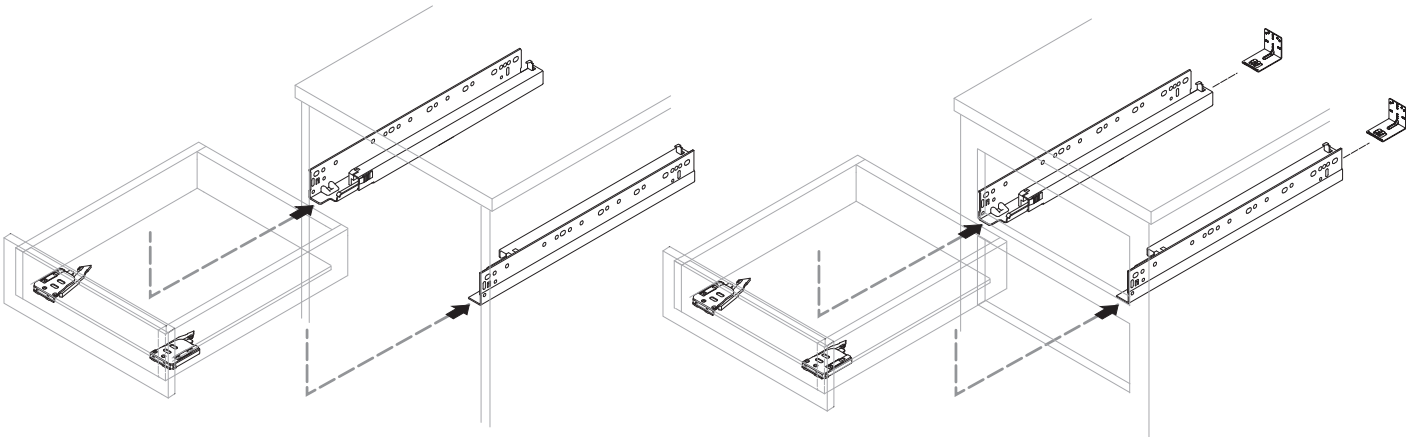


# Technical Information

## Elite Plus

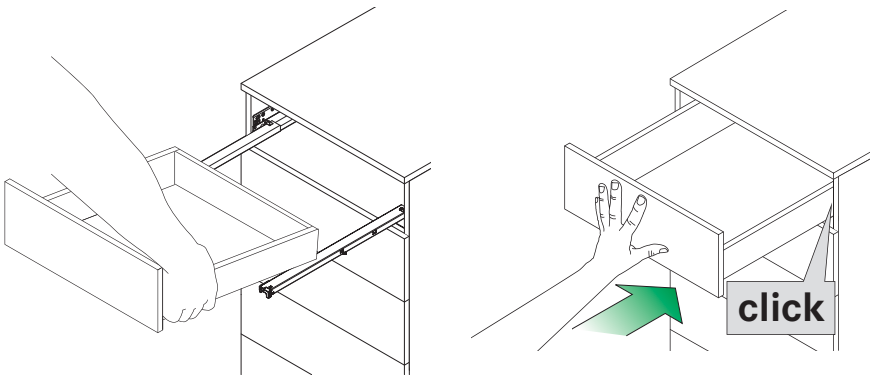
### Elite Plus Application

- For drawer material from 12.7mm (1/2") up to 19mm (3/4")
- For frameless or face frame application
- Use rear bracket for face frame application



### Inserting the Drawer

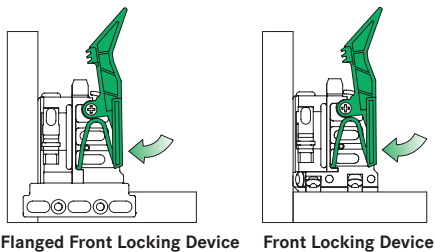
Place drawer on extended Elite Plus slide and push in until it engages audibly



### Disengaging the Drawer

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

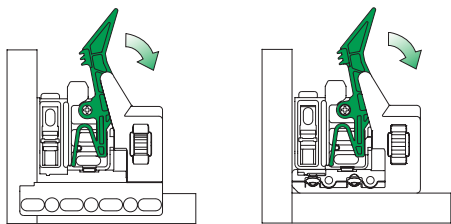
#### 1D Front Locking Device



Flanged Front Locking Device

Front Locking Device

#### 2D Front Locking Devices



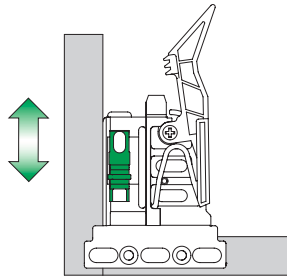
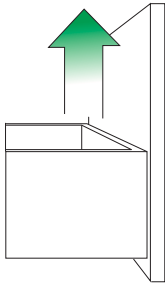
Flanged Front Locking Device

Front Locking Device

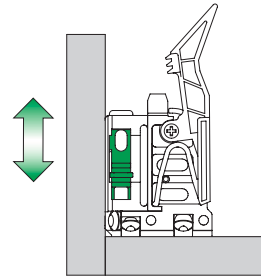


## 7523 Front Locking Device, 1D, Adjustment

Height Adjustment (max +2.5mm)



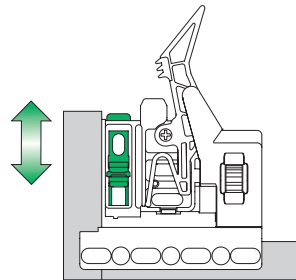
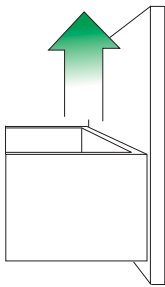
Flanged Front Locking Device



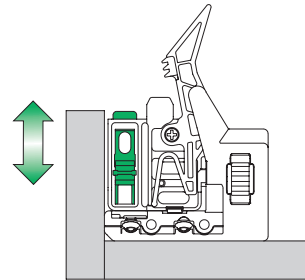
Front Locking Device

## 75X3 Front Locking Device, 2D, Adjustment

Height Adjustment (max +2.5mm)

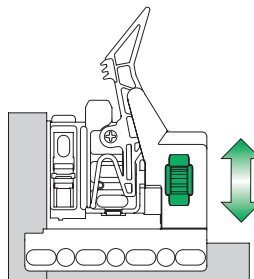
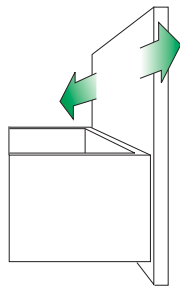


Flanged Front Locking Device

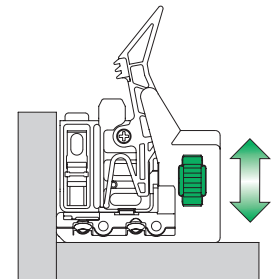


Front Locking Device

Side Adjustment (max  $\pm 1.5$ mm)

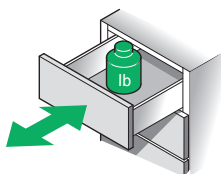


Flanged Front Locking Device



Front Locking Device

## Weight Capacities per Pair of Slides



Elite Plus: 100 lb dynamic load rating; 100 lb static load rating

Elite Plus meets and exceeds the minimum requirements of ANSI/BHMA A156.9 Standard, Grade 1

Elite Plus 16

Full Extension Slide for 16mm (5/8") drawer material



- Zinc plated, roll formed steel components
- Precision, smooth-running synthetic roller carriages
- Liquid damper softly glides drawers to a stop
- Self-latching front locking devices have comfortable release levers for drawer removal and installation
- Full extension for complete drawer access
- Height adjustment +2.5mm (3/32") with suitable front locking device
- Side adjustment ±1.5mm (1/16") with suitable front locking device
- Positive tracked right side, ± 1.5mm (1/16") side tolerance on left side
- Self-closing mechanism engages 30mm (1 1/4") before closed position
- Weight capacity: 100 lb dynamic, 100 lb static
- Meets and exceeds ANSI/BHMA A156.9 Standard, Grade 1

Elite Plus 16



| Drawer Length | Nominal length  | Min Installation Depth | Max Installation Depth | Item No. | PU  |
|---------------|-----------------|------------------------|------------------------|----------|-----|
| 240 (9 7/16") | 250 (9 27/32")  | 259 (10 3/16")         | 296 (11 5/8")          | 13132-03 | 5   |
| 305 (12")     | 317 (12 15/32") | 329 (12 15/16")        | 363 (14 5/16")         | 13133-03 | 5   |
| 381 (15")     | 394 (15 1/2")   | 407 (16")              | 440 (17 5/16")         | 13363-03 | 5   |
| 457 (18")     | 470 (18 1/2")   | 479 (18 7/8")          | 516 (20 5/16")         | 13364-03 | 5   |
| 533 (21")     | 550 (21 21/32") | 562 (22 1/8")          | 596 (23 7/16")         | 13365-03 | 5   |
| 381 (15")     | 394 (15 1/2")   | 407 (16")              | 440 (17 5/16")         | 13363-12 | 200 |
| 457 (18")     | 470 (18 1/2")   | 479 (18 7/8")          | 516 (20 5/16")         | 13364-12 | 200 |
| 533 (21")     | 550 (21 21/32") | 562 (22 1/8")          | 596 (23 7/16")         | 13365-12 | 200 |

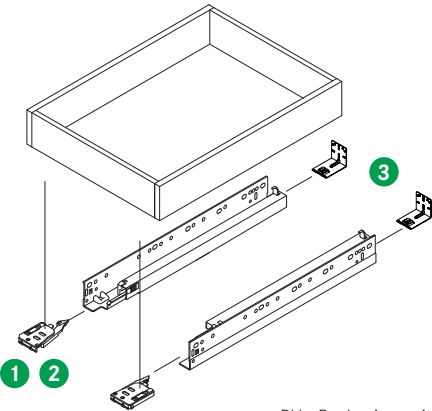
\*For frameless applications, deduct 1.5mm (1/16") for minimum installation depth

Front Locking Devices and Rear Mounting Bracket



| Description                                      | Non-flanged Item No. (a) | Flanged Item No. (b) | PU  |
|--|--------------------------|----------------------|-----|
| (Must order separately)                          |                          |                      |     |
| 1 7523 Front locking device, universal, 1D, kit* | 02500-03                 | -                    | 5   |
| 7523 Front locking device, universal, 1D, left   | 02498-12                 | 02495-12             | 200 |
| 7523 Front locking device, universal, 1D, right  | 02499-12                 | 02496-12             | 200 |
| 2 75X3 Front locking device, universal, 2D, left | 80051-12                 | 80053-12             | 200 |
| 75X3 Front locking device, universal, 2D, right  | 80052-12                 | 80054-12             | 200 |
| 3 Universal rear mount bracket                   |                          | 7950.VE300           | 200 |

\*Kit: Left/Right locking device, (4) #6 x 1/2" flat head Phillips screws, \*\*Plug-in brackets available on page 14

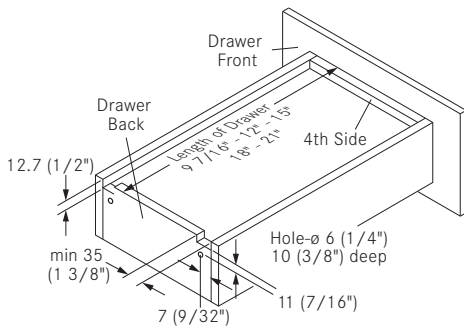


PU - Packaging unit

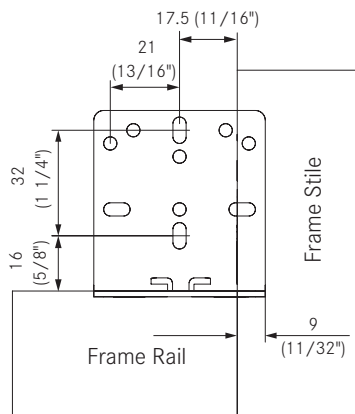
## Drawer Measurements/Rear Bracket Position

## Drawer Installation Dimensions

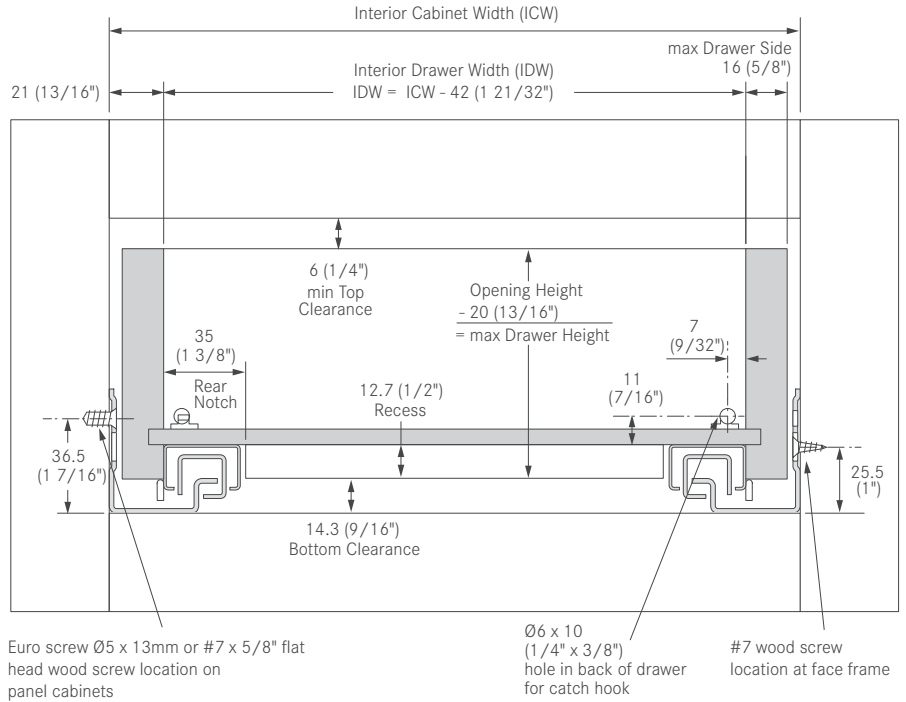
### Drawer Measurements



### Rear Bracket for Face Frame

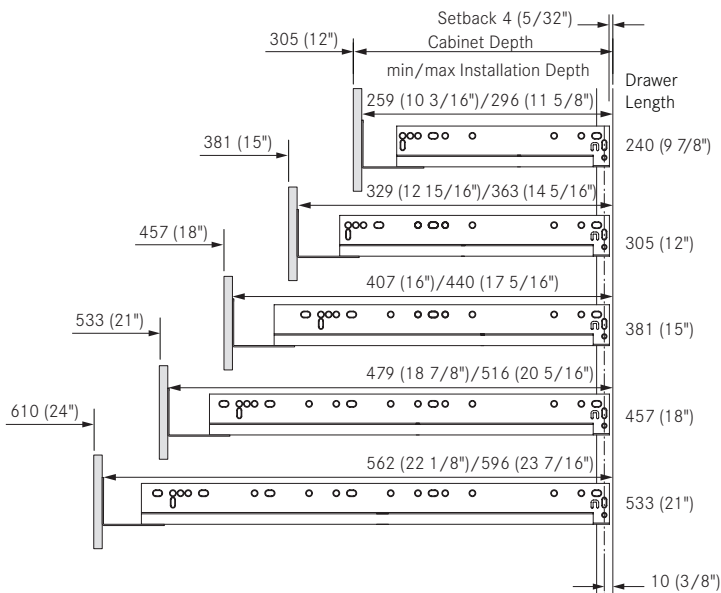


For face frame applications only. Use minimum of 3 screws per bracket, #6 x 1/2" truss head screws.

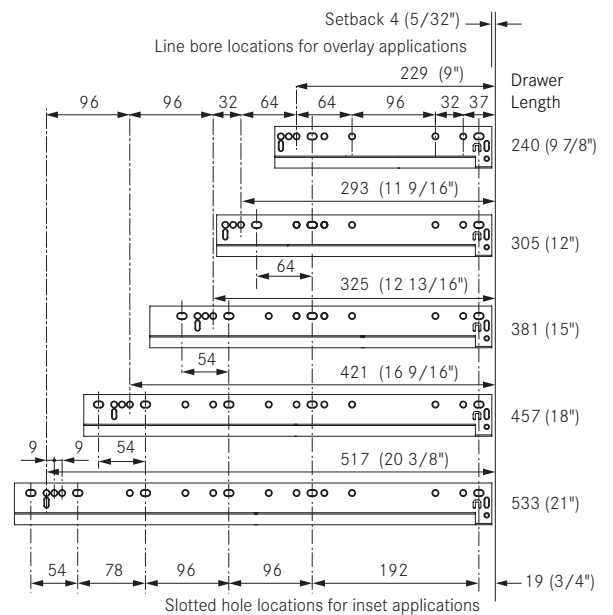


## Cabinet Boring Specifications

### Face Frame



### Frameless



Elite Plus 19

Full Extension Slide for 19mm (3/4") drawer material



- Zinc plated, roll formed steel components
- Precision, smooth-running synthetic roller carriages
- Liquid damper softly glides drawers to a stop
- Self-latching front locking devices have comfortable release levers for drawer removal and installation
- Full extension for complete drawer access
- Height adjustment +2.5mm (3/32") with suitable front locking device
- Side adjustment ±1.5mm (1/16") with suitable front locking device
- Positive tracked right side, ± 1.5mm (1/16") side tolerance on left side
- Self-closing mechanism engages 30mm (1 1/4") before closed position
- Weight capacity: 100 lb dynamic, 100 lb static
- Meets and exceeds ANSI/BHMA A156.9 Standard, Grade 1

Elite Plus 19



| Drawer Length | Nominal length  | Min Installation Depth | Max Installation Depth | Item No. | PU  |
|---------------|-----------------|------------------------|------------------------|----------|-----|
| 240 (9 7/16") | 250 (9 27/32")  | 259 (10 3/16")         | 296 (11 5/8")          | 13183-03 | 5   |
| 305 (12")     | 317 (12 15/32") | 329 (12 15/16")        | 363 (14 5/16")         | 13184-03 | 5   |
| 381 (15")     | 394 (15 1/2")   | 407 (16")              | 440 (17 5/16")         | 13185-03 | 5   |
| 457 (18")     | 470 (18 1/2")   | 479 (18 7/8")          | 516 (20 5/16")         | 13186-03 | 5   |
| 533 (21")     | 550 (21 21/32") | 562 (22 1/8")          | 596 (23 7/16")         | 13139-03 | 5   |
| 457 (18")     | 470 (18 1/2")   | 479 (18 7/8")          | 516 (20 5/16")         | 13186-12 | 200 |
| 533 (21")     | 550 (21 21/32") | 562 (22 1/8")          | 596 (23 7/16")         | 13139-12 | 200 |

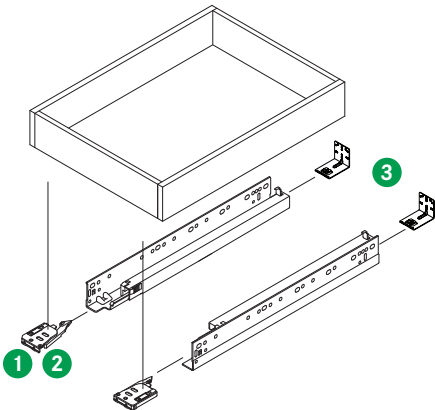
\*For frameless applications, deduct 1.5mm (1/16") for minimum installation depth

Front Locking Devices and Rear Mounting Bracket



| Description                                      | Non-flanged Item No. (a) | Flanged Item No. (b) | PU  |
|--|--------------------------|----------------------|-----|
| (Must order separately)                          |                          |                      |     |
| 1 7523 Front locking device, universal, 1D, kit* | 02500-03                 | -                    | 5   |
| 7523 Front locking device, universal, 1D, left   | 02498-12                 | 02495-12             | 200 |
| 7523 Front locking device, universal, 1D, right  | 02499-12                 | 02496-12             | 200 |
| 2 75X3 Front locking device, universal, 2D, left | 80051-12                 | 80053-12             | 200 |
| 75X3 Front locking device, universal, 2D, right  | 80052-12                 | 80054-12             | 200 |
| 3 Universal rear mount bracket                   |                          | 7950.VE300           | 200 |

\*Kit: Left/Right locking device, (4) #6 x 1/2" flat head Phillips screws, \*\*Plug-in brackets available on page 14



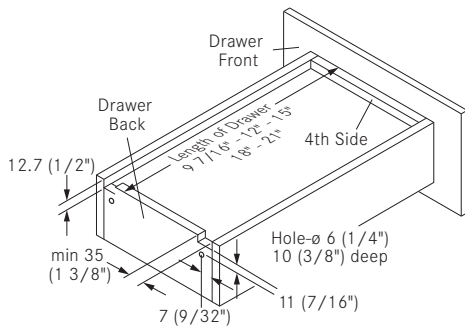
PU - Packaging unit



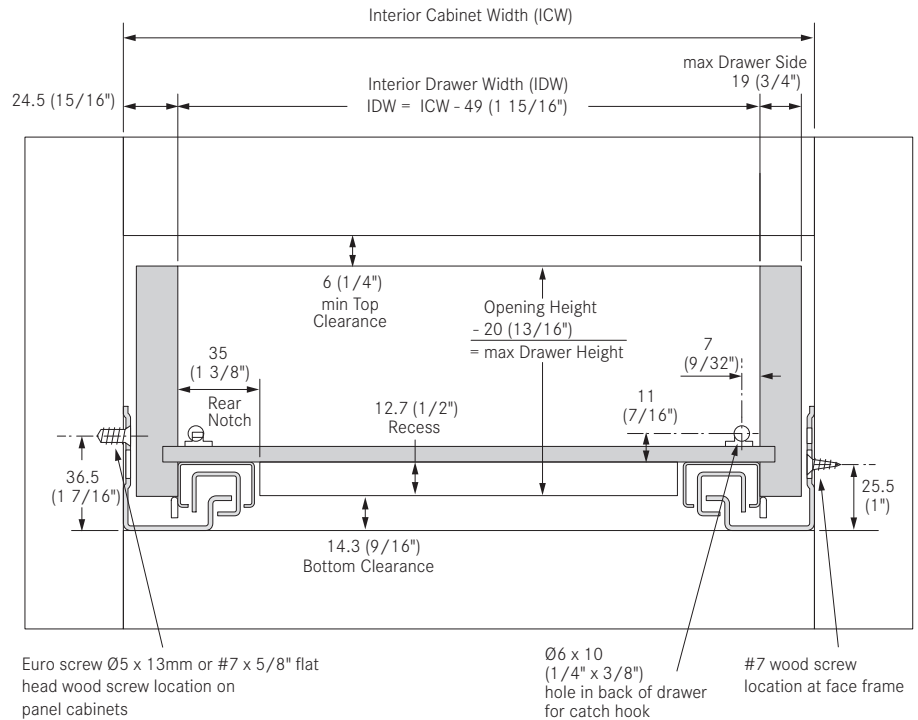
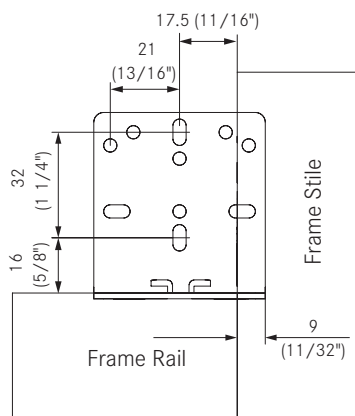
## Drawer Measurements/Rear Bracket Position

## Drawer Installation Dimensions

### Drawer Measurements



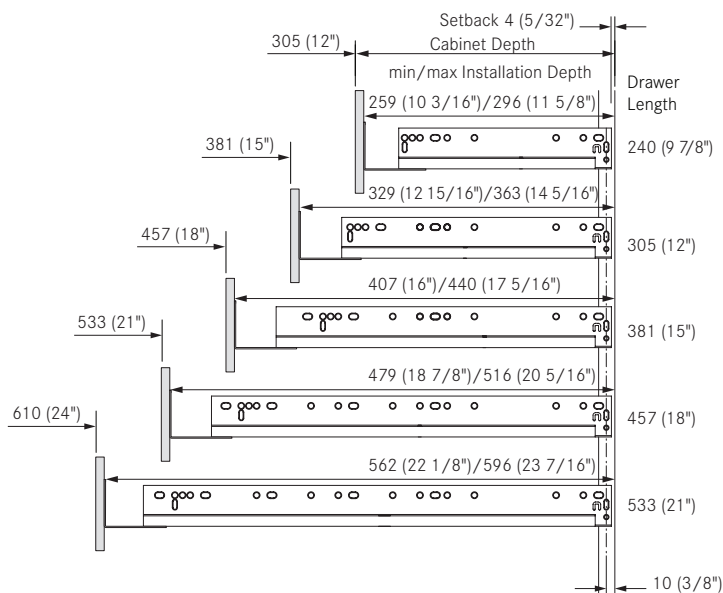
### Rear Bracket for Face Frame



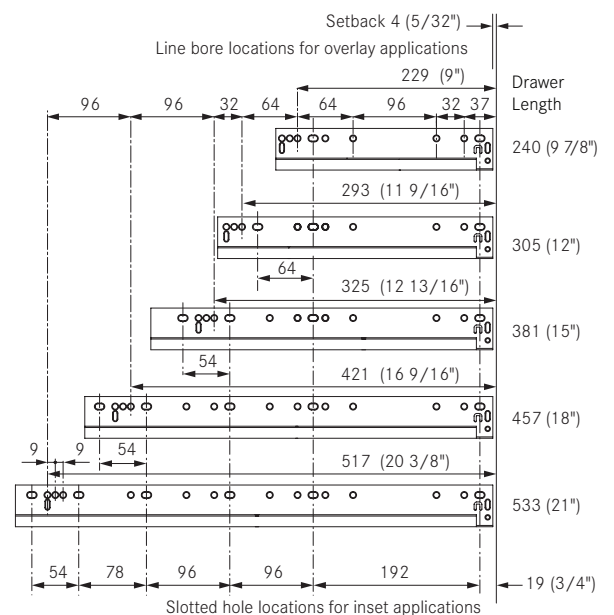
For face frame applications only. Use minimum of 3 screws per bracket, #6 x 1/2" truss head screws.

## Cabinet Boring Specifications

### Face Frame



### Frameless

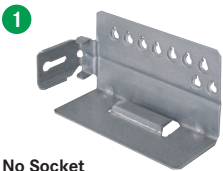


Subject to technical modifications without notice.

Accessories and Assembly Aids

Elite Plus

V-notch Rear Mounting Brackets, 19mm

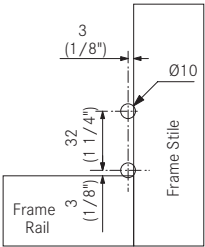


No Socket



With Socket

- 19mm rear mounting brackets
- Side-to-side adjustment ±6mm (1/4")
- Brackets attach to cabinet member with Euro screws



| Description                         | Item No. | PU  |
|-------------------------------------|----------|-----|
| 1 V-notch, metal, no socket, left   | 02212-12 | 200 |
| V-notch, metal, no socket, right    | 02213-12 | 200 |
| 2 V-notch, metal, with socket, left | 02216-12 | 200 |
| V-notch, metal, with socket, right  | 02217-12 | 200 |

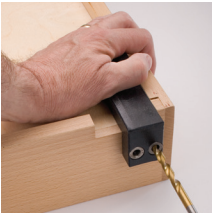
Drilling Template



- Use to precisely bore holes in the drawer back
- Use with a standard 6mm (1/4") drill bit and stop collar



Left Side Drilling



Right Side Drilling

| Description                  | Item No. | PU |
|------------------------------|----------|----|
| Elite Plus drilling template | 02511-01 | 1  |

Assembly Aids



The non-flanged FLD drilling jig is used for mounting non-flange front locking devices to the drawer box for Dynapro, Dynapro2.0, Elite Plus, and Maxcess.

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



| Description                    | Item No. | PU |
|--------------------------------|----------|----|
| 1 Non-flanged FLD drilling jig | 00004    | 1  |
| 2 Centering drill bit          | 35692-01 | 1  |

PU - Packaging unit

Elite Plus

Screws

Euro Screw, Nickel-plated



| Description                  | Item No.        | PU  |
|------------------------------|-----------------|-----|
| Euro Screw 11mm (7/16") Pozi | 499.360.61.1015 | 500 |
| Euro Screw 13mm (1/2") Pozi  | 499.360.61.3015 | 500 |

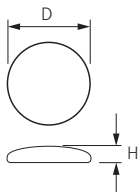
Wood Screw, Nickel-plated



| Description       | Item No. | PU  |
|-------------------|----------|-----|
| #6 x 5/8" FHP, NI | 81001-43 | 500 |
| #6 x 3/4" FHP, NI | 81003-43 | 500 |

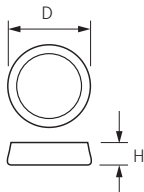
Bumper Pads

Bumper Pads, Self-adhesive



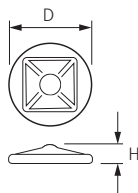
| Description       | Height | Diameter | Item No. | PU   |
|-------------------|--------|----------|----------|------|
| Bumper pad, clear | 2.5mm  | 10mm     | 63407-99 | 288  |
| Bumper pad, clear | 2.5mm  | 10mm     | 63407-47 | 7200 |

AirSoft Bumper Pads, Self-adhesive



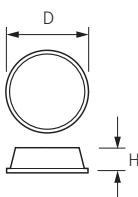
| Description               | Height | Diameter | Item No. | PU   |
|---------------------------|--------|----------|----------|------|
| AirSoft bumper pad, clear | 5mm    | 12.7mm   | 63481-43 | 500  |
| AirSoft bumper pad, clear | 5mm    | 12.7mm   | 63483-30 | 5000 |

Bumper Pads, Self-adhesive



| Description       | Height | Diameter | Item No.        | PU   |
|-------------------|--------|----------|-----------------|------|
| Bumper pad, clear | 4mm    | 12mm     | 630.000.02.1250 | 5000 |

Bumper Pads, Self-adhesive



| Description       | Height | Diameter | Item No. | PU  |
|-------------------|--------|----------|----------|-----|
| Bumper pad, clear | 3mm    | 12.7mm   | 31002-43 | 500 |
| Bumper pad, clear | 1.5mm  | 12.7mm   | 31004-43 | 500 |



GRASS America Inc.  
1202 NC Highway 66 South  
Kernersville, NC 27284

Phone: 1-800-334-3512  
Fax: 1-800-525-8406

[www.grassusa.com](http://www.grassusa.com)  
[info@grassusa.com](mailto:info@grassusa.com)

