ELITE PLUS SLIDE SYSTEM

Undermount drawer technology with superior running performance and smooth closing action

www.grassusa.com
Solid, superior and designed for uncompromised performance

The innovative 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 new liquid damper technology 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 a full drawer extension for maximum use of interior space. It is a proven undermount slide with an ample load capacity of 75 lb that meets and exceeds ANSI/BHMA Grade 1 testing standards. 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.
## Elite Plus

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### Weight Capacities per Pair of Slides

- Elite Plus: 75 lb dynamic load rating; 100 lb static load rating
- Elite Plus meets and exceeds the minimum requirements of ANSI/BHMA 156.1 standard, Grade 1
Features and Benefits
Elite Plus

Features

- Slide is concealed to give full view of finely crafted drawers
- Liquid damper softly glides drawers to a stop
- Weight capacity: 75 lb dynamic, 100 lb static
- Available for 16mm (5/8") and 19mm (3/4") drawer side thickness
- For frameless and face frame construction
- Zinc plated roll form steel composition
- Precision smooth running synthetic roller carriages
- Self-latching front locking devices have easy release levers for drawer removal and integrated height adjustment of 2.5mm (3/32")
- Meets and exceeds ANSI/BHMA 156.9, Grade 1

Multiple cleats
For secure front locking.

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

Flanged front locking device
with height adjustment
+2.5mm (3/32")

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

Minimal opening force
Superb soft-closing action.

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

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

- Soft-closing mechanism fully enclosed
- Precision German made liquid damper
- Interchangeable with Maxcess full access and Dynapro full extension
- Uses same front locking devices as Maxcess
- Patented technology

**Wide drawer member**
Provides superior stability.

**Unique and integrated liquid damper**
8mm damper offers new 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, ± 2mm (3/32") adjustment range.

For additional rear mount brackets see page 10.
**Elite Plus 16**

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

- Slide is concealed to give a full view of finely crafted drawers
- 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
- Front locking device with height adjustment 2.5mm (3/32\")
- 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: 75 lb dynamic, 100 lb static
- Meets and exceeds ANSI/BHMA 156.9, Grade 1

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### Elite Plus 16

<table>
<thead>
<tr>
<th>Drawer Length</th>
<th>Nominal Length</th>
<th>Min Installation Depth</th>
<th>Max Installation Depth</th>
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<td>329 (12 15/16&quot;)</td>
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*For frameless applications, deduct 1.5mm (1/16\") for minimum installation depth

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### Front Locking Devices and Rear Mounting Bracket

<table>
<thead>
<tr>
<th>Description</th>
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*Kit: Left/Right locking device, (4) #6 x 1/2\" flat head Phillips screws, **Plug-in brackets available on page 10
**Drawer Installation Dimensions**

<table>
<thead>
<tr>
<th>Max. drawer side</th>
<th>16 (5/8&quot;)</th>
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<td>Max. drawer side</td>
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**Frame Rail**

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**Frame Stile**

<table>
<thead>
<tr>
<th>Frame Stile</th>
<th>6 (9/32&quot;)</th>
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</thead>
</table>

**Cabinet Member Boring Specifications**

**Face Frame**

- Setback: 4 (5/32")
- Cabinet depth: 305 (12")
- Min./Max. installation depth: 259 (10 3/16")/296 (11 5/8")
- 407 (16")/440 (17 5/16")
- 479 (18 7/8")/516 (20 5/16")
- 542 (22 1/8")/596 (23 7/16")

**Frameless**

- Setback: 4 (5/32")
- Line bore locations for overlay applications

**Rear Bracket Position/Drawer Measurements**

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

**Drawer Measurements**

- #7 wood screw location at face frame
- Euro screw Ø5 x 13mm or #7 x 5/8" flat head wood screw location on panel cabinets

**Interior cabinet width (ICW)**

21 (13/16")

**Interior drawer width (IDW)**

IDW = ICW - 42 (1 5/8")

**Min. top clearance**

6 (1/4")

**Opening height - 20 (13/16")**

**Max. drawer height**

7 (9/32")

**Bottom clearance**

Ø6 x 10 (1/4" x 3/8") hole in back of drawer for catch hook

**Rear notch**

36.5 (1 7/16")

**Recess**

13 (1/2")

**Rear bracket position**

25.5 (1")

**Drawer Installation Dimensions**

21 (13/16")

**Max. drawer side**

16 (5/8")

**Interior cabinet width (ICW)**

**Interior drawer width (IDW)**

IDW = ICW - 42 (1 5/8")

**Min. top clearance**

6 (1/4")

**Opening height - 20 (13/16")**

**Max. drawer height**

7 (9/32")

**Bottom clearance**

Ø6 x 10 (1/4" x 3/8") hole in back of drawer for catch hook

**Rear notch**

36.5 (1 7/16")

**Recess**

13 (1/2")

**Rear bracket position**

25.5 (1")

**Euro screw Ø5 x 13mm or #7 x 5/8" flat head wood screw location on panel cabinets**

**#7 wood screw location at face frame**

**Cabinet Member Boring Specifications**

**Face Frame**

- Setback: 4 (5/32")
- Cabinet depth: 305 (12")
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**Frameless**

- Setback: 4 (5/32")
- Line bore locations for overlay applications

**Rear Bracket Position/Drawer Measurements**

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

**Drawer Measurements**

- #7 wood screw location at face frame
- Euro screw Ø5 x 13mm or #7 x 5/8" flat head wood screw location on panel cabinets

**Cabinet Member Boring Specifications**

**Face Frame**

- Setback: 4 (5/32")
- Cabinet depth: 305 (12")
- Min./Max. installation depth: 259 (10 3/16")/296 (11 5/8")
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**Cabinet Member Boring Specifications**

**Face Frame**

- Setback: 4 (5/32")
- Cabinet depth: 305 (12")
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**Frameless**

- Setback: 4 (5/32")
- Line bore locations for overlay applications

**Rear Bracket Position/Drawer Measurements**

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

**Drawer Measurements**

- #7 wood screw location at face frame
- Euro screw Ø5 x 13mm or #7 x 5/8" flat head wood screw location on panel cabinets

Subject to technical modifications without notice
Elite Plus 19
Full Extension Slide for 19mm (3/4") drawer material

- Slide is concealed to give a full view of finely crafted drawers
- 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
- Front locking device with height adjustment 2.5mm (3/32")
- 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: 75 lb dynamic, 100 lb static
- Meets and exceeds ANSI/BHMA 156.9, Grade 1

### Elite Plus 19

<table>
<thead>
<tr>
<th>Drawer Length</th>
<th>Nominal length</th>
<th>Min Installation Depth</th>
<th>Max Installation Depth</th>
<th>Item No.</th>
<th>PU</th>
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<td>250 (9 27/32&quot;)</td>
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<td>296 (11 5/8&quot;)</td>
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<td>381 (15&quot;)</td>
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<td>596 (23 7/16&quot;)</td>
<td>13139-12</td>
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</table>

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

### Front Locking Devices and Rear Mounting Bracket

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<tr>
<td>7523 Front locking device, universal, kit*</td>
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<td>7523 Front locking device, universal, left</td>
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<td>7523 Front locking device, universal, right</td>
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<td>7523 Universal rear mount bracket**</td>
<td>7950.VE20</td>
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*Kit: Left/Right locking device, (4) #6 x 1/2" flat head Phillips screws, **Plug-in brackets available on page 10
Drawer Installation Dimensions

<table>
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<tr>
<th>Front Side</th>
<th>9 (3/8&quot;)</th>
<th>11 (7/16&quot;)</th>
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<td>407 (16&quot;)/440 (17 5/16&quot;)</td>
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<td>381</td>
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<td>542 (22 1/8&quot;)/596 (23 7/16&quot;)</td>
<td>517 (20 3/8&quot;)</td>
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For face frame applications only. Use minimum of 3 screws per bracket, #6 x 1/2" truss head screws.

Cabinet Member Boring Specifications

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<th>Face Frame</th>
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Setback 4 (5/32")

Min/Max installation depth

IDW = ICW - 49 (1 15/16")

Min/Max top clearance

Opening height - 20 (13/16")

Max. drawer height

Rear bracket for Face Frame

Interior cabinet width (ICW)

Max. drawer side

Interior drawer width (IDW)

Euro screw Ø5 x 13mm or #7 x 5/8" flat head wood screw location on panel cabinets

#7 wood screw location at face frame

Recess

36.5 (1 7/16")

14 (9/16") Bottom clearance

Ø6 x 10 (1/4" x 3/8") hole in back of drawer for catch hook

Max. drawer side 19 (3/4")
Accessories

Elite Plus

V-notch Rear Mounting Brackets, 19mm

1. 19mm rear mounting brackets
2. Side-to-side adjustment ±6mm (1/4”)
3. Sockets attach to cabinet member with Euro screws

<table>
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Drilling Template

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

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Screws

Euro Screw, Nickel-plated

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Wood Screw, Nickel-plated

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Dimensions in millimeters, fractional inch equivalents as noted.