

1A68

SIMPLEX—

Silent Soft-Closing Undermount Slide (16mm)



Specifications

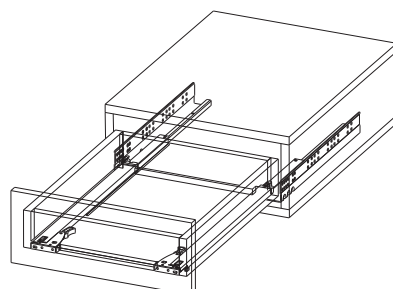
- **Length:** 250mm to 600mm
- **Travel:** Full Extension
- **Maximum Drawer Side Thickness:** 16mm
- **Max. Load Capacity:** 45 kg(100 lb)/pair
- **Mount:** Undermount
- **Material:** Galvanized Steel
- **Packing:** Unit Packed in 2 pairs/carton
6 pairs/carton

Features

- Undermount with full extension travel length
- Ultra smooth gliding motion with high rigidity and stability design
- Enhanced silent soft-closing feature with light opening force
- Durable damping system with fast response capability
- Tool-less drawer height adjustment from the drawer front with 3.5 mm range
- Effortless assembly and removal of drawer with front release lever
- High dynamic loading capacity of 34kg (75lb) with 100,000 life cycles, or 45kg (100lb) with 50,000 life cycles
- High installation allowances for drawer width: +0/-2 mm, and for drawer depth: +1/-1 mm

Applications

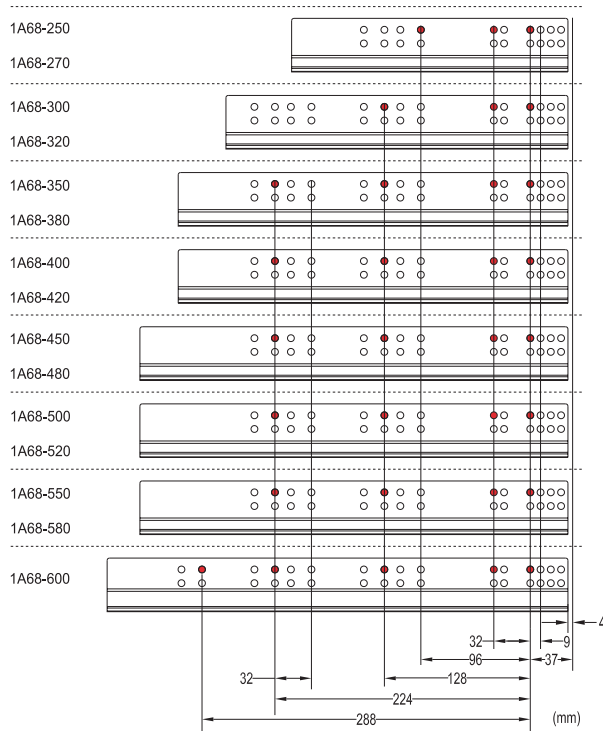
- For Frameless Cabinet : Kitchen Furniture, Kitchen Cabinetry, Home Cabinetry and Box Drawers



Dimension Specifications

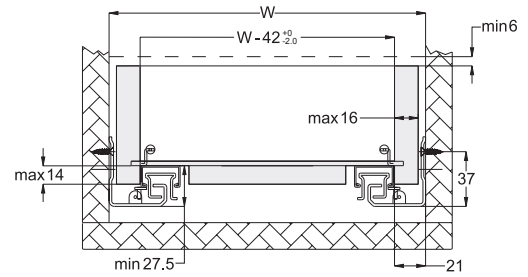
Cabinet Holes Position

- Red Dots : Minimum Screw Required

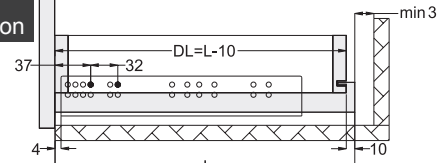


Note: Holes other than those shown may be in the slide member at King Slide's option and may change without notice.

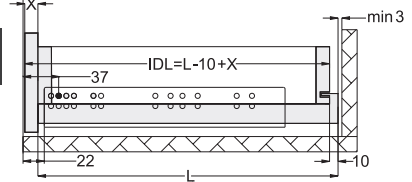
Space Requirement






Overlay installation



Inset installation

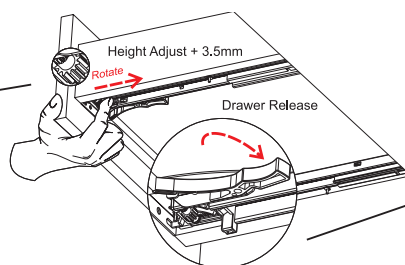


○	X
Chipboard Screws 	System Screws 
Round Head Screw 	

Item No.	Total Length (mm)	Slide Travel (mm)	Self-Closing Travel (mm)	Max. Loading Capacity kg(lb) / pair
1A68-250	250	224	25	45 (100)
1A68-270	270	244	25	45 (100)
1A68-300	300	280	38	45 (100)
1A68-320	320	300	38	45 (100)
1A68-350	350	340	50	45 (100)
1A68-380	380	370	50	45 (100)
1A68-400	400	390	50	45 (100)
1A68-420	420	410	50	45 (100)
1A68-450	450	440	50	45 (100)
1A68-480	480	470	50	45 (100)
1A68-500	500	490	50	45 (100)
1A68-520	520	510	50	45 (100)
1A68-550	550	540	50	45 (100)
1A68-580	580	570	50	45 (100)
1A68-600	600	590	50	45 (100)

Easy Assembly with Front-End Installation

Tool-less Height Adjustment :
Simply rotate the wheel at the front bottom of the drawer to adjust the drawer height



Drawer Removal:
Simply press the front release device to remove the drawer

1B68

SIMPLEX—

Silent Soft-Closing Undermount Slide (19mm)



Specifications

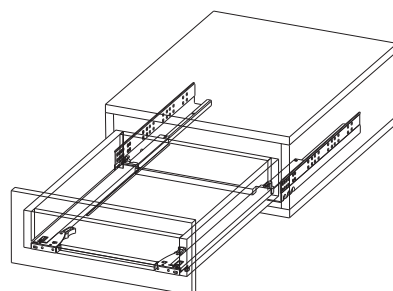
- **Length:** 250mm to 600mm
- **Travel:** Full Extension
- **Maximum Drawer Side Thickness:** 19mm
- **Max. Load Capacity:** 45 kg(100 lb)/pair
- **Mount:** Undermount
- **Material:** Galvanized Steel
- **Packing:** Unit Packed in 2 pairs/carton
6 pairs/carton

Features

- Undermount with full extension travel length
- Ultra smooth gliding motion with high rigidity and stability design
- Enhanced silent soft-closing feature with light opening force
- Durable damping system with fast response capability
- Tool-less drawer height adjustment from the drawer front with 3.5 mm range
- Effortless assembly and removal of drawer with front release lever
- High dynamic loading capacity of 34kg (75lb) with 100,000 life cycles, or 45kg (100lb) with 50,000 life cycles
- High installation allowances for drawer width: +0/-2 mm, and for drawer depth: +1/-1 mm

Applications

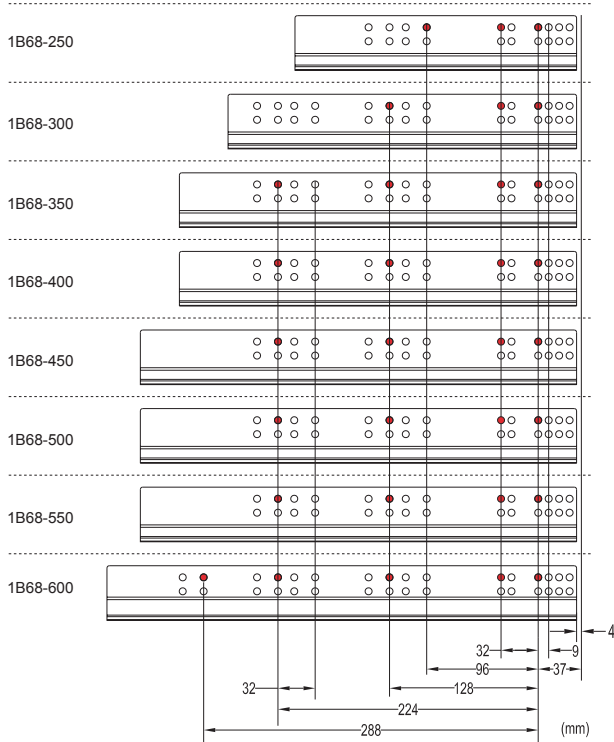
- For Frameless Cabinet :
Kitchen Furniture, Kitchen Cabinetry, Home Cabinetry and Box Drawers



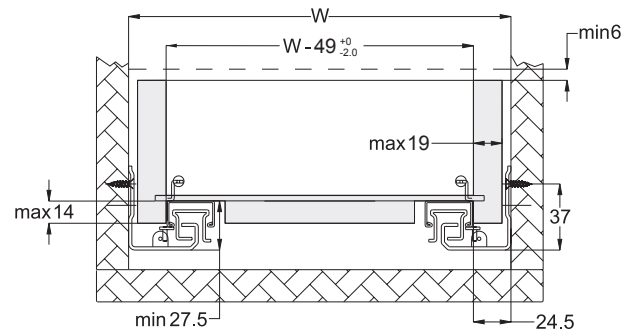
Dimension Specifications

Cabinet Holes Position

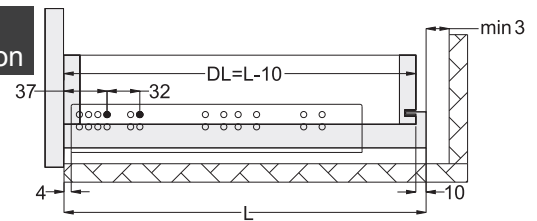
- Red Dots : Minimum Screw Required



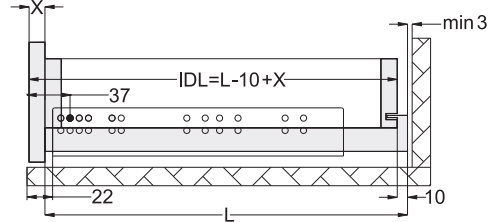
Space Requirement

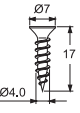
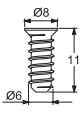



Overlay installation



Inset installation



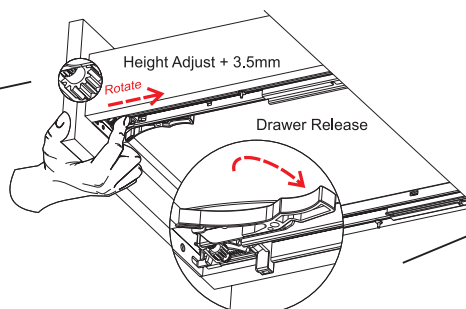
○	X
Chipboard Screws	System Screws
	
Round Head Screw	
	

Note: Holes other than those shown may be in the slide member at King Slide's option and may change without notice.

Item No.	Total Length (mm)	Slide Travel (mm)	Self-Closing Travel (mm)	Max. Loading Capacity kg(lb) / pair
1B68-250	250	224	25	45 (100)
1B68-300	300	280	38	45 (100)
1B68-350	350	340	50	45 (100)
1B68-400	400	390	50	45 (100)
1B68-450	450	440	50	45 (100)
1B68-500	500	490	50	45 (100)
1B68-550	550	540	50	45 (100)
1B68-600	600	590	50	45 (100)

Easy Assembly with Front-End Installation

Tool-less Height Adjustment :
Simply rotate the wheel at the front bottom of the drawer to adjust the drawer height



Drawer Removal:
Simply press the front release device to remove the drawer

Installation Instruction

1A68 & 1B68

1. Before installing the slides, make sure the dimensions of the cabinet and drawer meet the requirements specified in Fig. 1 and 2.
2. Drill holes on the cabinet following the 'Cabinet Holes Position' drawing on the reverse side. Install the slides on the cabinet using the recommended type of screws.
3. Make cut-outs on the bottom of drawer as indicated in Fig. 3A and 3B and attach the front release lever to the drawer as shown in Fig. 3C.
4. Pull out the slides on the cabinet.

Dimension Specification

Fig.1 Front View

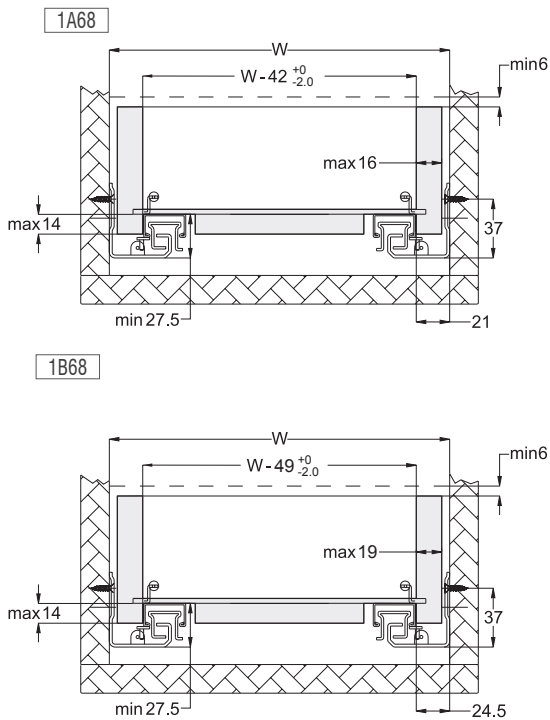
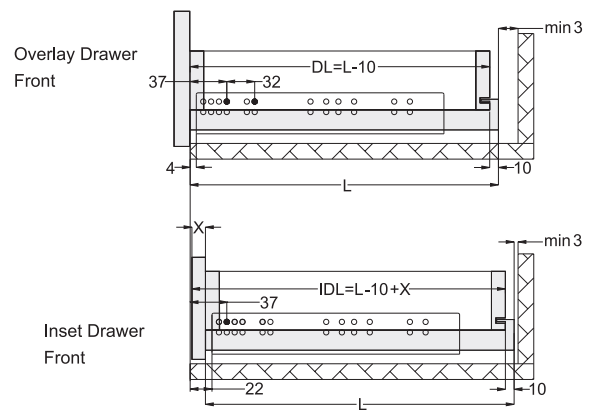


Fig. 2 Side View



W: Internal Cabinet width

DL: Drawer Length

L: Slide Length

IDL: Inset Drawer Length

X: Front Panel Thickness

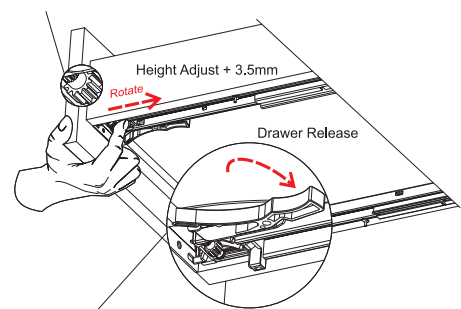
Easy Assembly with Front-End Installation

Our specially designed front end installation allows quick and simple drawer installation and removal processes. The quick connect and disconnect device is located at the front end under the drawer, keeping intact the elegant appearance of the drawer.



Tool-less Height Adjustment :

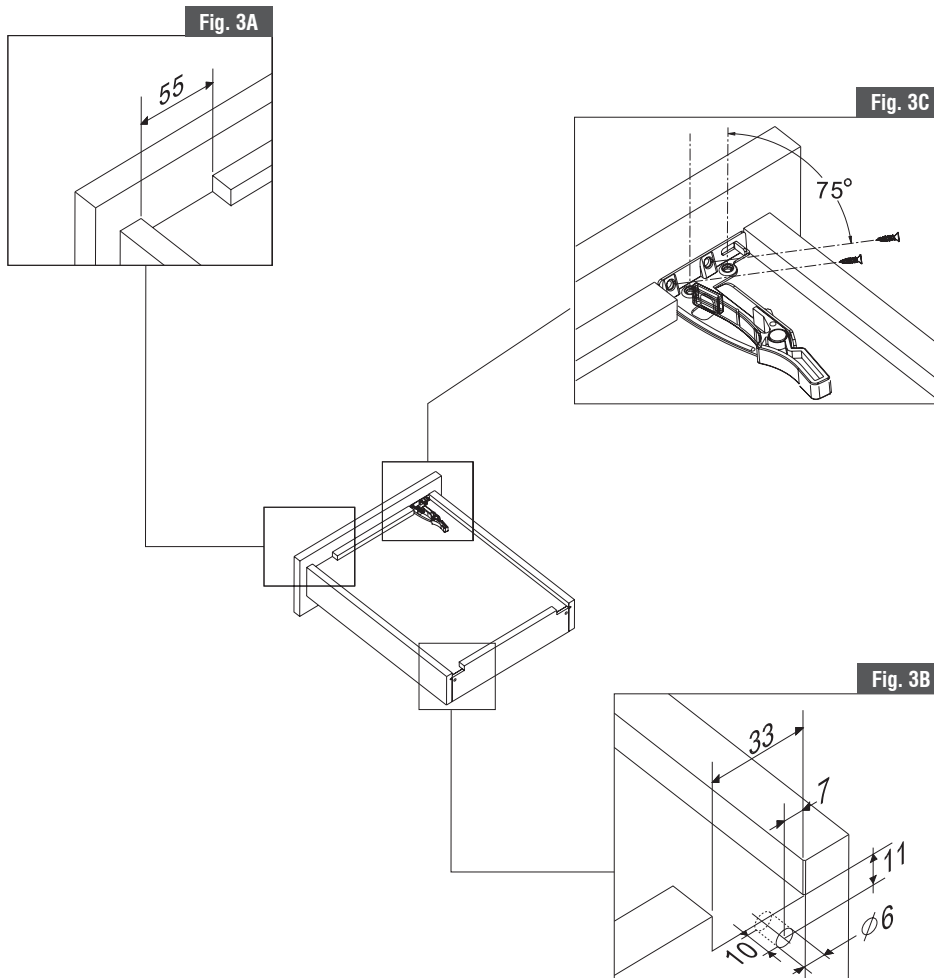
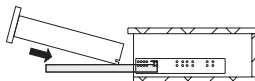
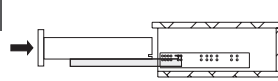
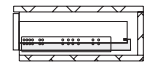
Simply rotate the wheel at the front bottom of the drawer to adjust the drawer height



Drawer Removal:

Simply press the front release device to remove the drawer

5. Position the drawer on the slide as shown in Fig. 4A, Push and lower the drawer all the way into the cabinet and down to the slide until clicked to complete the installation as in Fig. 4B and 4C.

Installation Requirement**Fig. 4A****Fig. 4B****Fig. 4C**

1A68F

SIMPLEX—

Silent Soft-Closing Undermount Slide
for Face Frame Cabinet (16mm)



Specifications

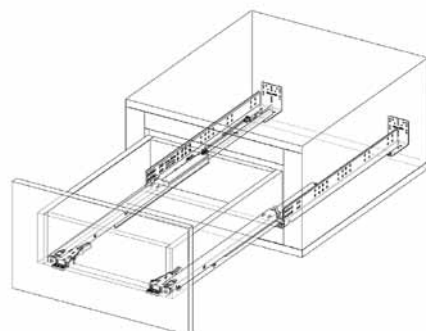
- **Length:** 229mm to 533mm
- **Travel:** Full Extension
- **Maximum Drawer Side Thickness:** 16mm
- **Max. Load Capacity:** 45 kg(100 lb)/pair
- **Mount:** Undermount
- **Material:** Galvanized Steel
- **Packing:** Unit Packed in 2 pairs/carton
6 pairs/carton

Features

- Undermount with full extension travel length
- Ultra smooth gliding motion with high rigidity and stability design
- Enhanced silent soft-closing feature with light opening force.
- Durable damping system with fast response capability
- Tool-less height adjustment from the drawer front with 3.5 mm range
- Effortless assembly and removal of drawer with front release lever
- High dynamic loading capacity of 34kg (75lb) with 100,000 life cycles, or 45kg (100lb) with 50,000 life cycles
- High installation allowances for drawer width: +0/-2 mm, and for drawer depth: +1/-1 mm

Applications

- For Face Frame Cabinet : Kitchen Furniture, Kitchen Cabinetry, Home Cabinetry and Box Drawers

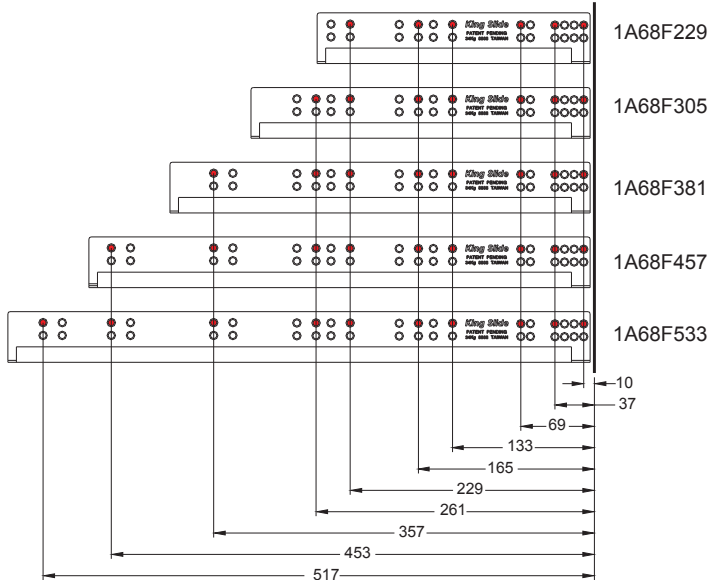


Dimension Specifications

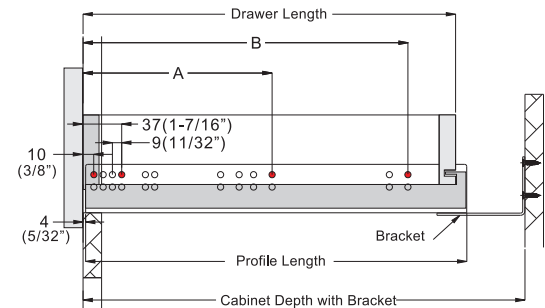
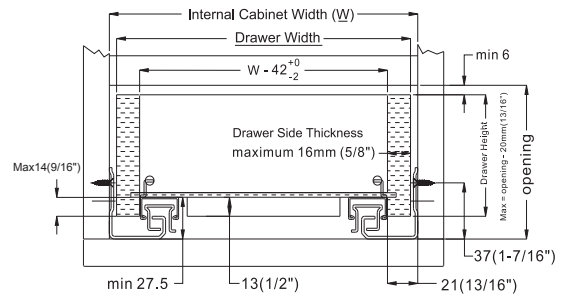
Cabinet Holes Position

- Red Dots : Minimum Screw Required

Note: Ensure the slide is parallel to the horizon or tilt to cabinet front on both sides during installation.



Space Requirement



Drawer Width Formula

Drawer Side Thickness mm (inch)	"W" minus mm (inch)
16 (5/8")	10 (3/8")
15 (19/32")	12 (15/32")
14 (9/16")	14 (9/16")
13 (1/2")	16 (5/8")
12 (15/32")	18 (23/32")

W: Internal Cabinet Width

Example:

Internal Cabinet Width = 457 mm (18")

Drawer Side Thickness = 13 mm (1/2")

Drawer Width = $457 - 16 = 441^{+0}_{-2}$ mm

= (18") - (5/8") = 17-3/8"

○	X
Chipboard Screws 	System Screws

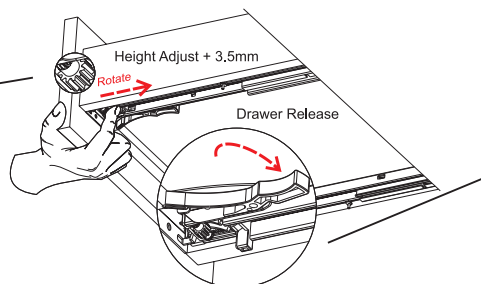
Note: Holes other than those shown may be in the slide member at King Slide's option and may change without notice.

Item No.	Drawer Length mm (inch)	Overall Cabinet Depth mm (inch)	Cabinet Depth With Bracket mm (inch)		Profile Length mm (inch)	System Screw Locations mm (inch)	
			MAX	MIN		A	B
1A68F229	229 (9")	305 (12")	299 (11-25/32")	266 (10-15/32")	256 (10-1/16")	133 (5-1/4")	229 (9")
1A68F305	305 (12")	381 (15")	369 (14-9/16")	326 (12-7/8")	318 (12-1/2")	165 (6-1/2")	261 (10-1/4")
1A68F381	381 (15")	457 (18")	446 (17-9/16")	403 (15-7/8")	394 (15-1/2")	165 (6-1/2")	357 (14-1/16")
1A68F457	457 (18")	533 (21")	522 (20-9/16")	479 (18-7/8")	470 (18-1/2")	261 (10-1/4")	453 (17-13/16")
1A68F533	533 (21")	610 (24")	598 (23-9/16")	555 (21-7/8")	546 (21-1/2")	261 (10-1/4")	517 (20-3/8")

Fit with American standard 3" cabinet depth system.

Easy Assembly with Front-End Installation

Tool-less Height Adjustment :
Simply rotate the wheel at the front bottom of the drawer to adjust the drawer height

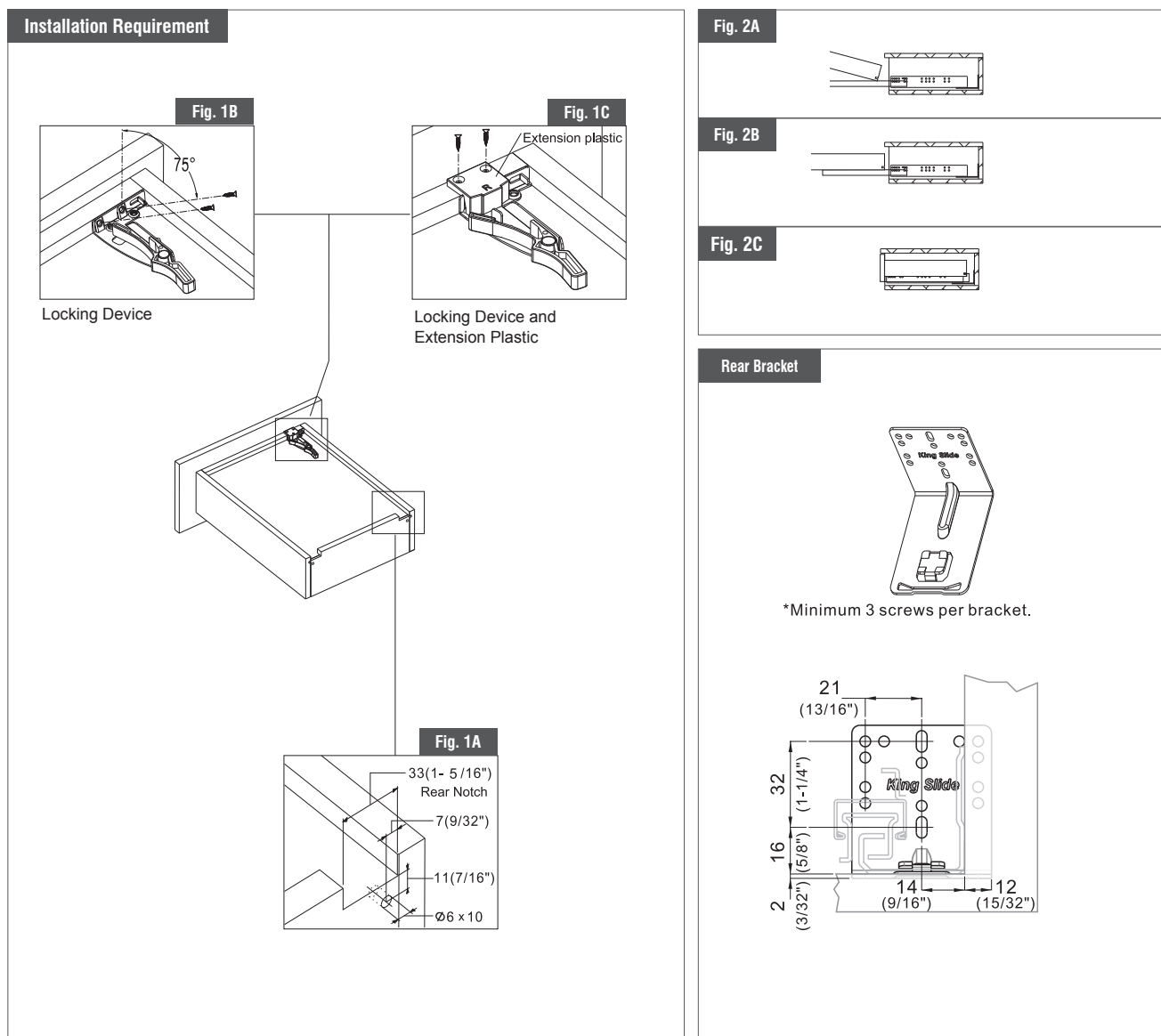


Drawer Removal:
Simply press the front release device to remove the drawer

Installation Instruction

1A68F & 1B68F

1. Before installing the slides, make sure the dimensions of the cabinet and drawer meet the requirements specified in 'Space Requirement' drawing respectively for the slide to be installed.
2. Drill holes on the cabinet following the 'Dimension Specifications' drawing on the reverse page. Mount the slides and the rear brackets on the cabinet using the recommended type of screws.
3. Make cut-outs on the drawer according to Fig. 1A's dimension (Using the drill template FL00ZD0-A as page 1.39 is recommended), then install the front release lever according to Figs. 1B and 1C.
4. Pull out the slides on the cabinet.
5. Position and align the drawer with the slide as shown in Figs. 2A and 2B. Push the drawer all the way into the cabinet as shown in Fig. 2C until clicked to complete the installation.

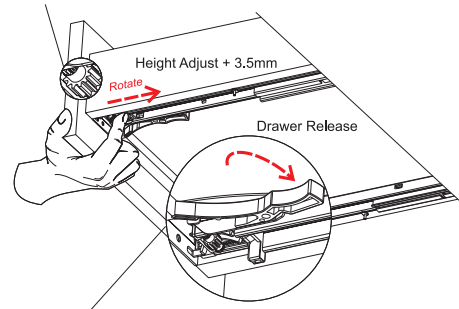


Easy Assembly with Front-End Installation

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**Tool-less Height Adjustment :**

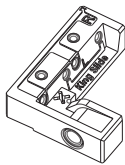
Simply rotate the wheel at the front bottom of the drawer to adjust the drawer height

**Drawer Removal:**

Simply press the front release device to remove the drawer

Drill Template

Optional
Assembly Aid
FL00ZD0-A



Holes for Locking Device
A: 2.5mm
a: 2.5mm

Holes for rear hook
B: 6mm (depth 10mm)

