

1A89F

Push-Open Undermount Slide
for Face Frame Cabinet (16mm)



Specifications

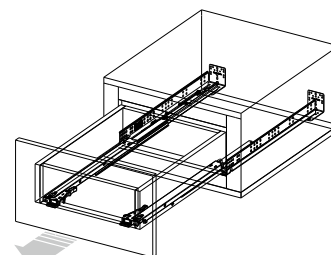
- **Length:** 229 / 305 / 381 / 457 / 533mm
9" / 12" / 15" / 18" / 21"
- **Travel:** Full Extension
- **Maximum Drawer Side Thickness:** 16mm
- **Max. Load Capacity:** 45 kg(100 lb)/pair
- **Mount:** Undermount
- **Material:** Galvanized Steel
- **Packing:** Unit Packed in 2 pairs/carton
6 pairs/carton

Features

- Handle-free push-open allowing for complete drawer access even when hands are full
- Drawers can be ejected to its full extent even when at its full weight bearing capacity
- All mechanical device, instead of electric-driven, ergonomic and energy saving
- Undermount with full extension travel length
- Ultra smooth with high rigidity and stability design
- Signature patent pending tool-less ejection-force adjustment to fit your convenience
- Ergonomic design to increase usability and efficiency
- 2 dimensional trimming system provides tool-less height and depth adjustments
- 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: +0.5/-1.5 mm, and for drawer depth: +1/-1 mm

Applications

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



1A89F

Push-Open Undermount Slide
for Face Frame Cabinet (16mm)



Specifications

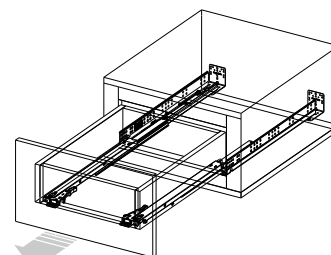
- **Length:** 229 / 305 / 381 / 457 / 533mm
9" / 12" / 15" / 18" / 21"
- **Travel:** Full Extension
- **Maximum Drawer Side Thickness:** 16mm
- **Max. Load Capacity:** 45 kg(100 lb)/pair
- **Mount:** Undermount
- **Material:** Galvanized Steel
- **Packing:** Unit Packed in 2 pairs/carton
6 pairs/carton

Features

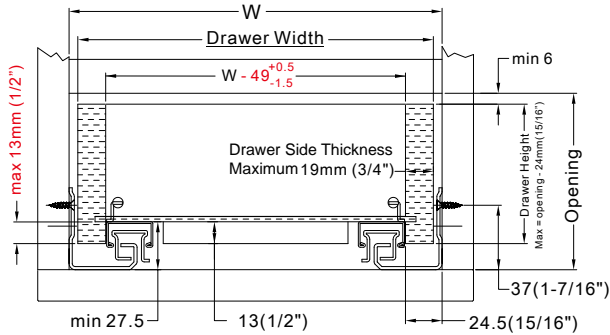
- Handle-free push-open allowing for complete drawer access even when hands are full
- Drawers can be ejected to its full extent even when at its full weight bearing capacity
- All mechanical device, instead of electric-driven, ergonomic and energy saving
- Undermount with full extension travel length
- Ultra smooth with high rigidity and stability design
- Signature patent pending tool-less ejection-force adjustment to fit your convenience
- Ergonomic design to increase usability and efficiency
- 2 dimensional trimming system provides tool-less height and depth adjustments
- 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: +0.5/-1.5 mm, and for drawer depth: +1/-1 mm

Applications

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



Space Requirement



Drawer Width Formula	
Drawer Side Thickness mm (inch)	"W" minus mm (inch)
19 (3/4")	11 (7/16")
18 (23/32")	13 (1/2")
17 (21/31")	15 (19/32")
16 (5/8")	17 (21/32")
15 (19/32")	19 (3/4")

W: Internal Cabinet Width

Example:

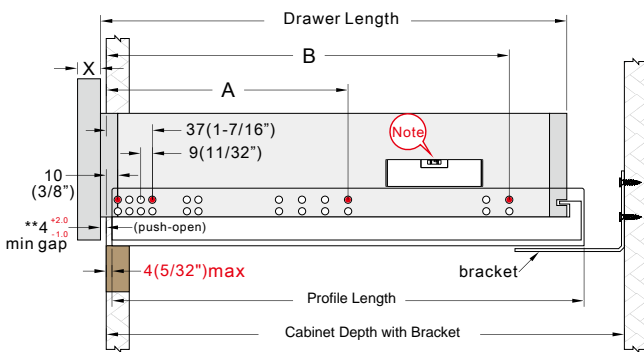
Internal Cabinet Width = 457 mm (18")

Drawer Side Thickness = 19 mm (3/4")

Drawer width = 457 - 11 = 446 ^{+0.5} _{-1.5} mm
= (18") - (7/16") = 17-9/16"

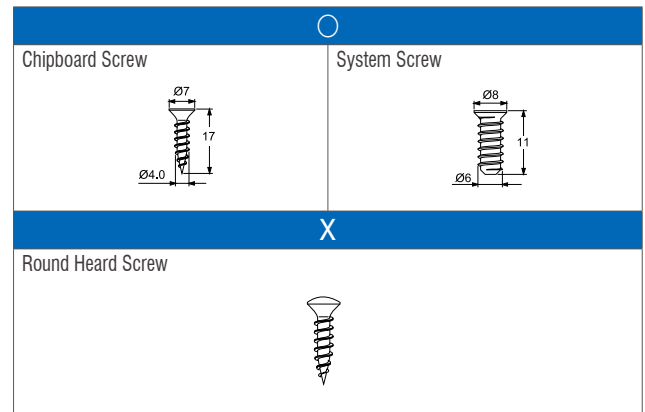
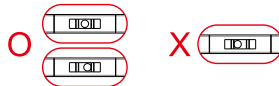
Dimension Specifications

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



Note:

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



Item No.	Drawer Length mm (inch)	Overall Cabinet Depth mm (inch)	Cabinet Depth With Bracket mm (inch)		Profile Length	System Screw Locations mm (inch)	
			MAX	MIN		A	B
1B89F229	229 (9")	305 (12")	299 (11-25/32")	266 (10-15/32")	256 (10-1/16")	133 (5-1/4")	229 (9")
1B89F305	305 (12")	381 (15")	369 (14-9/16")	326 (12-7/8")	317 (12-1/2")	165 (6-1/2")	261 (10-1/4")
1B89F381	381 (15")	457 (18")	446 (17-9/16")	403 (15-7/8")	394 (15-1/2")	165 (6-1/2")	357 (14-1/16")
1B89F457	457 (18")	533 (21")	522 (20-9/16")	479 (18-7/8")	470 (18-1/2")	261 (10-1/4")	453 (17-13/16")
1B89F533	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.

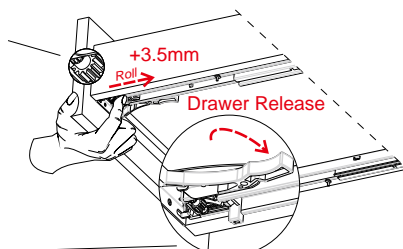
Easy Assembly with Front-End Installation

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



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.

Installation Instruction

1A89F & 1B89F

1. Before installing the slides, make sure the dimensions of the cabinet and drawer meet the requirements specified in Fig. 1 and 'Space Requirement' drawing respectively for the slide to be installed.
2. Drill holes on the cabinet following the 'Installation Specification' 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. 2A's dimension (Using the drill template FL00ZD0-A as page 1.39 is recommended), then install the front release lever according to Fig. 2B and 2C.
4. Pull out the slides on the cabinet.

