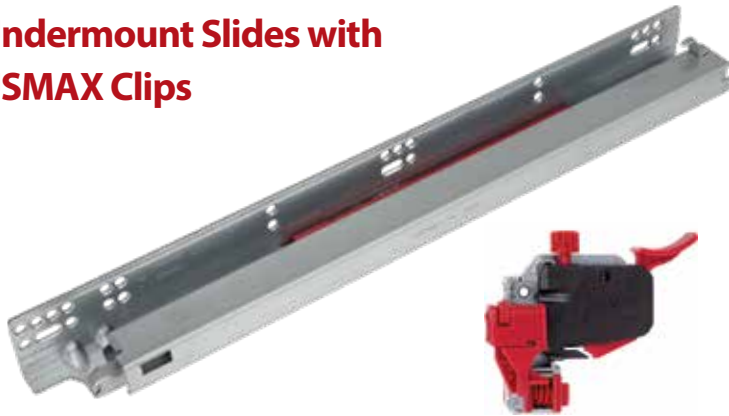


# Installation Instructions for USMAX2



## USMAX2 Soft-Close Undermount Slides with USMAX Clips



Scan to view an install video for the USMAX2 Undermount Slides.

<https://delivr.com/2hq4p>



Simplify bracket installation with HR-TOOL-RBINST.

Scan QR to view video.

<https://delivr.com/2yhj3>



### Parts Included:

1 pair USMAX2 Undermount Slides

### Also Needed:

- 2 each #7 x 5/8" Flat Head Screws (Part # 7X580)
- 4 each #6 x 5/8" Flat Head Screws (Part # 6X580)
- 8 each #6 x 5/8" Pan Head Screws (Part # 6X2580)
- 1 pair Undermount Release Clips
- 1 pair Rear Mounting Brackets (Framed cabinetry only)

### Required Tools:

- Pencil
- Screwdriver
- Level
- Tape Measure
- Framing Square

### Optional Tool:

- Rear Slide Bracket Installation Tool  
(See QR code above for a video with details)

**Compatible Clips:** See how to adjust USMAX Undermount Clips on page 5



**6-Way Adjustable,  
Zinc**  
USMAXCLIP6WZ



**4-Way Adjustable,  
Zinc**  
USMAXCLIP4WZ


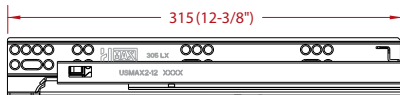
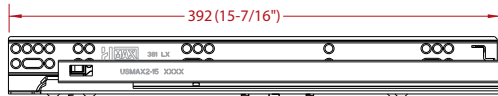
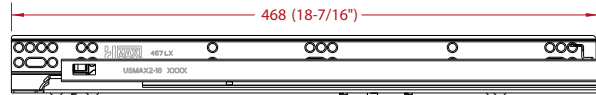
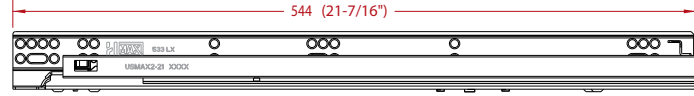
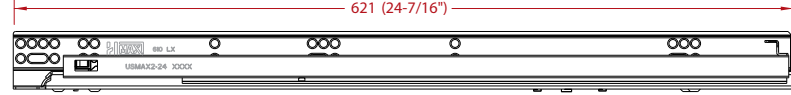


**4-Way Adjustable,  
Plastic**  
USMAXCLIP4W



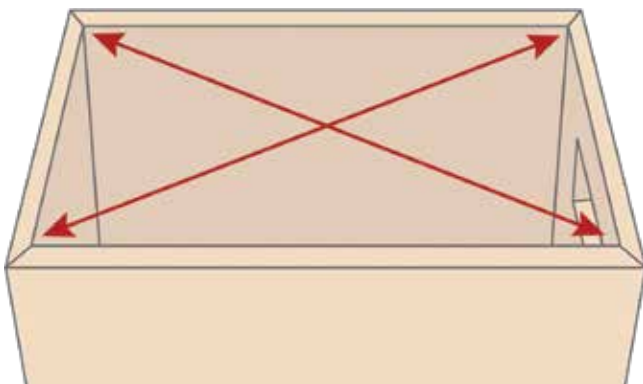
**2-Way Adjustable,  
Narrow**  
USMAXCLIPN

# Construction & Assembly Specifications

			FRAMELESS	FACE FRAME	
Slide Length	Total Cabinet Depth	Overall Drawer Length	Min Inside Cabinet Depth	Min Inside Cabinet Depth	Max Inside Cabinet Depth
			USMAX2-9 / USMAX2S-9 – 9" drawer		
10-1/16" 256 mm	12" 305 mm	9" 228 mm	10-1/2" 266 mm	10-1/2" 266 mm	11-3/4" 299 mm
			USMAX2-12 / USMAX2S-12 – 12" drawer		
12-3/8" 315 mm	15" 381 mm	12" 305 mm	12-5/8" 321 mm	12-7/8" 326 mm	14" 356 mm
			USMAX2-15 / USMAX2S-15 – 15" drawer		
15-7/16" 392 mm	18" 457 mm	15" 381 mm	15-5/8" 397 mm	15-7/8" 403 mm	17" 432 mm
			USMAX2-18 / USMAX2S-18 – 18" drawer		
18-7/16" 468 mm	21" 533 mm	18" 457 mm	18-5/8" 473 mm	18-7/8" 479 mm	20" 508 mm
			USMAX2-21 / USMAX2S-21 – 21" drawer		
21-7/16" 544 mm	24" 610 mm	21" 533 mm	21-5/8" 549 mm	21-7/8" 555 mm	23" 584 mm
			USMAX2-24 / USMAX2S-24 – 24" drawer		
24-7/16" 621 mm	27" 686 mm	24" 610 mm	24-5/8" 625 mm	24-7/8" 632 mm	26" 660 mm

## CABINET AND DRAWER BOX DIMENSION VERIFICATION

- Ensure that the cabinet and drawer are both square by measuring the distance from the front of each side to the back of the opposite side of both the cabinet and drawer
- The maximum difference is 1/16"
- If the difference is greater than 1/16", the slide will not work correctly



# IMPORTANT: If the drawer box is not within the parameters below, the drawer slides will not function correctly

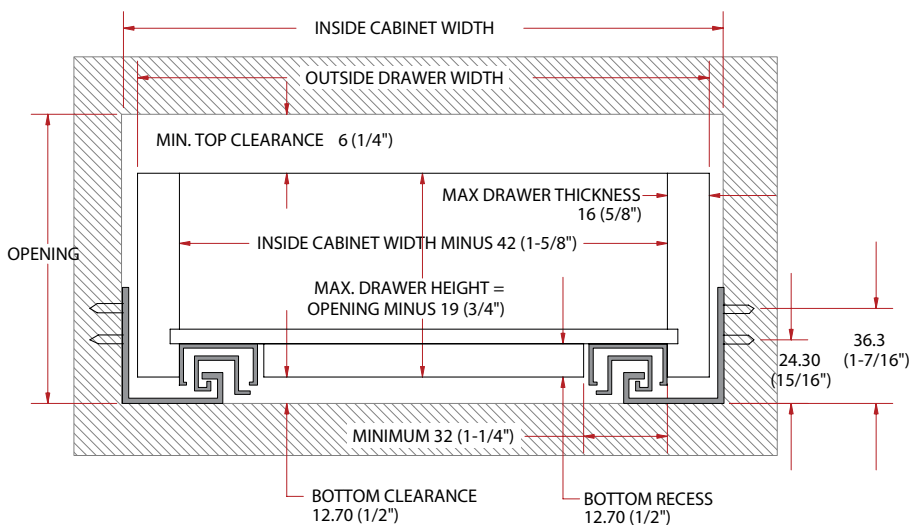
## DRAWER BOX MINIMUM WIDTH (VARIES BY CLIP)

	USMAXCLIP6WZ	USMAXCLIP4WZ	USMAXCLIP4W	USMAXCLIPN
5/8" (16 mm) material	7-7/8"	7-7/8"	7-7/8"	5"
1/2" (13 mm) material	7-5/8"	7-5/8"	7-5/8"	4-3/4"

MAXIMUM DRAWER HEIGHT = OPENING MINUS 19 MM (3/4")

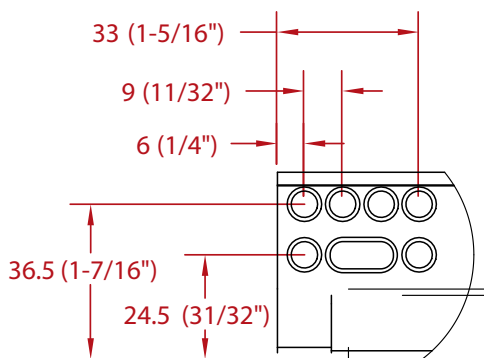
## OUTSIDE DRAWER WIDTH CALCULATIONS

### FRONT VIEW OF THE DRAWER INSIDE THE CABINET

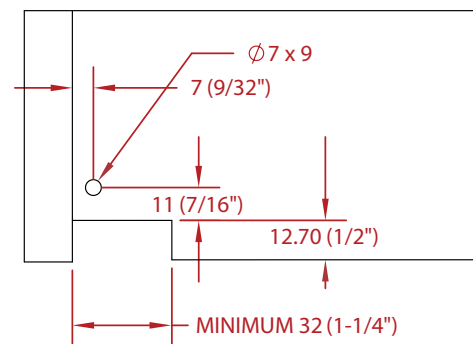
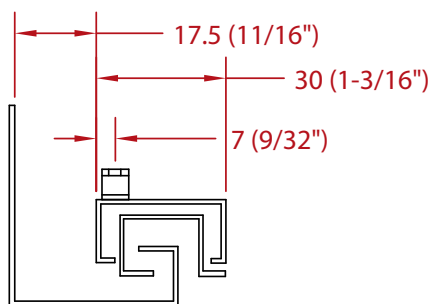


Drawer Side Thickness	Inside Cabinet Width Deduction
<b>5/8"</b> 16 mm	<b>3/8"</b> 10 mm
19/32" 15 mm	15/32" 12 mm
9/16" 14 mm	9/16" 14 mm
<b>1/2"</b> 13 mm	<b>5/8"</b> 16 mm
15/32" 12 mm	23/32" 18 mm

### FRONT HOLE PATTERN



### REAR NOTCH DIMENSIONS



# Installation Steps for Face-Framed Cabinetry

## 1. Choose rear mounting brackets (Sold separately)

*NOTE: Installation screws not included with brackets.*

- **USE-STEEL**
- **USE-STEEL-309** (Required for USMAX2S-9 and USMAX2-9)
- **USE-ADJ5** - Dowels plug into pre-drilled 8 mm system holes. Bracket provides wide range of lateral adjustment.

## 2. Install rear mounting brackets

*NOTE: Simplify bracket installation with HR-TOOL-RBINST. Scan QR code on page 1 for a video walkthrough.*

- On the front of the cabinet, measure the distance from the top of the cabinet to both the left and bottom corners of the cabinet opening
- Measure the distance from the inside of each side of the cabinet to both the left and right edge of the cabinet opening
- Align the outside bottom edges of both brackets using the measurements from steps 2a & 2b
- Fasten rear mounting brackets to the rear of the cabinet using 2x #6 x5/8" screws per bracket
  - For maximum adjustment during installation, use the slotted holes to fasten the screws loosely while making adjustments
  - Fasten screws loosely to allow the brackets to adjust when the drawer is first installed and fastened
  - Avoid stripping out screws by not overtightening

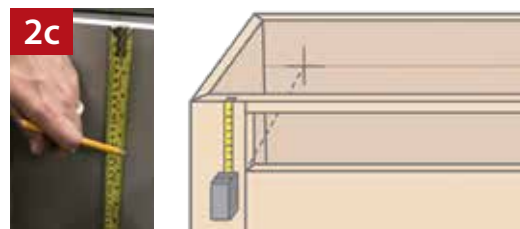
## 3. Install undermount slides

- Insert slides into cabinet opening and align the rear brackets with the slotted rear of each slide
- Align each slide to the corner of the cabinet opening (Recommended 1/8" setback for non-inset applications) and pre-drill each hole location using a 3/32" drill bit

For Inset drawer front applications:

Setback: 4 mm (5/32") + Drawer Front Thickness

- Fasten each member to the front rail of the cabinet using the front hole of the cabinet member and 1x #7 x 5/8" flat head screw per side



#### 4. Install undermount clips

Attach front screws at a 15–25 degree angle. Angles above 15–25 degrees may not allow the clip to sit on the bottom of the drawer box.

#### 5. Install the drawer box

- a. Set the drawer box inside the cabinet
  - Ensure drawer box sits flush to the bottom of the drawer box inside each notch at the back of the drawer box
- b. Press the drawer in toward the rear of the cabinet until both side slides engage with both release clips
  - Listen for an audible click sound ensuring the drawer is locked in place
- c. Ensure the rear hooks are embedded within the rear hole of both sides of the drawer box

See how to remove drawer boxes on p. 6



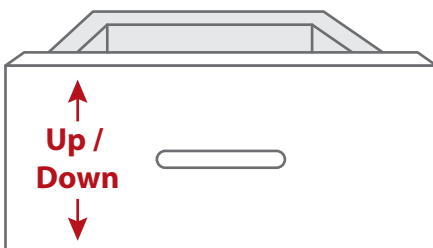
## How to Adjust 2nd Generation Undermount Clips

### Up / Down Adjustment:

Available with 2-way, 4-way, and 6-way clips



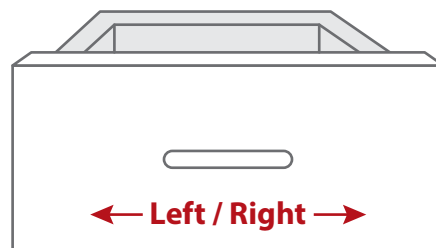
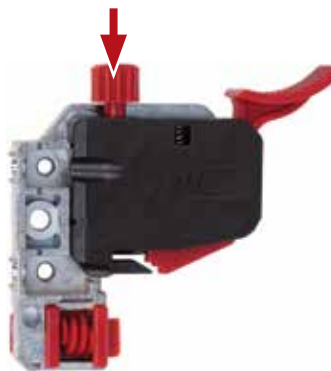
Turn wheel to adjust



### Left / Right Adjustment:

Available with 4-way and 6-way clips

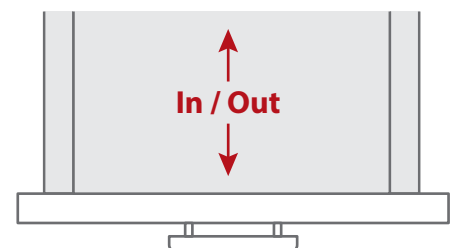
Turn wheel to adjust



### In / Out Adjustment:

Available with 6-way clips

Turn wheel to adjust



# Installation Steps for Frameless Cabinetry

## 1. Measure and mark cabinet

Measure from the top of the cabinet to the desired drawer location. Draw a level line on the inside of the cabinet where the top of the undermount slide will mount.

## 2. Position the cabinet member

Use the line and a level to position the cabinet member to the side of the cabinet

- Recommended setback: 4 mm (5/32")
- For inset applications: Inside Cabinet Depth Minimum = Slide Length + Setback + 3 mm (3/16")

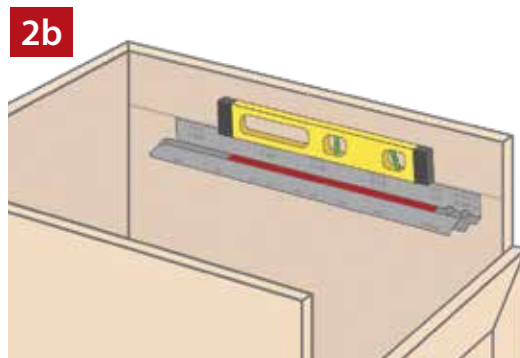
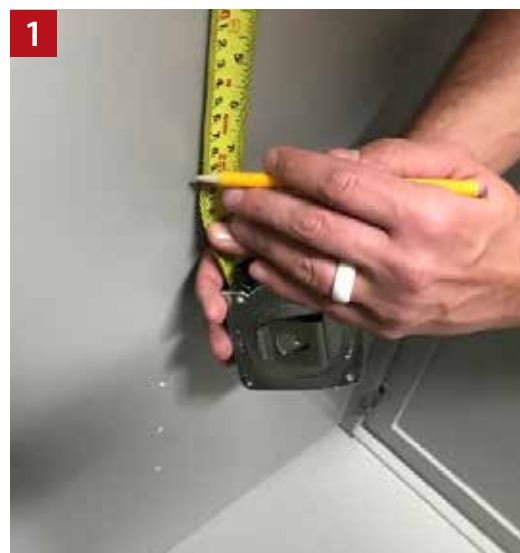
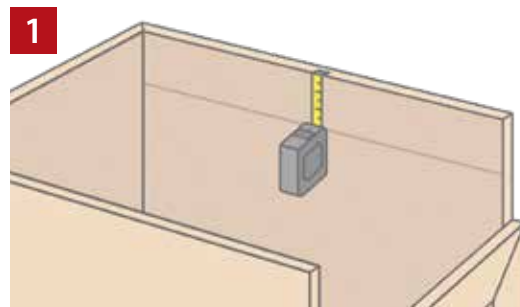
## 3. Secure the slides to the cabinet

Fasten the slides to the cabinet using the fixed screw hole locations and 3 or more #7 x 5/8" screws for both slides ensuring that both cabinet members are level and parallel

## 4. Install the drawer box

- Set the drawer box inside the cabinet
- Ensure that the slides are resting within the notch at the drawer box
- Press the drawer in toward the rear of the cabinet until both side slides marry with each clip producing an audible click sound ensuring the drawer is locked in place
- Ensure the rear hooks are embedded within the rear hole of both sides of the drawer box

**See how to adjust 2nd Generation clips on p. 5**



## How to Remove a Drawer Box

### 1. Open and release the drawer box

- Pull the drawer out to the open position and locate the release clip levers on both sides
- Press both levers in to unlock the drawer box then lift the box out of the cabinet

